

**EMBO | EMBC**  
annual report 2009



**EMBC** European Molecular  
Biology Conference

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It is only a few months now since I took up the role of Director at EMBO. As such, I do not have a role in reporting on the work of the organization in 2009. I would, however, like to thank and honour the leadership of EMBO, Council and EMBC for their achievements over the past year.

The three prefaces that follow – unusually all from outgoing posts – demonstrate the commitment of EMBO, the EMBO Council and the EMBC to the contemporary needs of life scientists in the member states in Europe as well as in neighbouring countries and worldwide.

I am excited to lead EMBO, an organization that has been connected with my career since the funding of my postdoctoral research. The founding principles, centred on the promotion of cross-border cooperation in molecular biology research, are as relevant today as they were in the early 1960s.

A stream of amazing scientific advances over the past 50 years has broadened our field to where we are today with all life science research having some form of molecular basis. As a result, our scientific research – both basic and applied – plays an important role in finding solutions for many of the concerns in our societies.

Many in the EMBO community of members, young investigators and fellows are

contributing to this goal; many in the broader scientific community are working just as hard.

Our contributions bring with them responsibility: we, the scientists, must direct and account for the funding of research programmes, not just in our own countries but in Europe as a whole; we need to force a shift in scientific publishing, introducing more transparent tools to report on our research; we must interact with the public and their policy makers in government to hear their concerns and explain our results in language they understand; and we need to reach out beyond Europe to collaborate with our peers, not just those in developed countries but also those in countries rapidly advancing their research contributions onto the world stage.

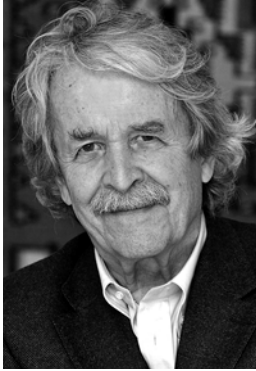
We will have time over the coming years to discuss in depth these issues and others as they arise. I invite my colleagues in the EMBO community to bring to my attention their perspectives on the issues that most concern them.

I anticipate with pleasure working with EMBO staff, the EMBO Council and the EMBC to deliver on our mission. □



Maria Leptin  
EMBO Director

A handwritten signature in black ink, which appears to be 'M. Leptin'. The signature is fluid and stylized, with a long horizontal stroke at the end.



Hermann Bujard  
EMBO Director  
(2007–2009)

To those who follow the activities of EMBO, the past year may appear as a particularly successful one. Indeed, while all our well-established activities – EMBO Fellowships, Courses & Workshops, Young Investigators, Installation Grants, Science & Society and scientific journals – were running smoothly, we initiated several new activities, finalised some policy changes and streamlined administrative processes. This combination of old and new will enhance the capacity of EMBO to pursue its genuine goals.

The new policy for the election of EMBO Members, applied for the first time in 2009 (pages 64–77), will likely have the highest impact on EMBO as a broad-scope “academy” in the life sciences. It will widen the spectrum of research areas represented by EMBO Members who will then reflect more realistically the present and future state of molecular life sciences. Since the new election process strengthens a key EMBO tradition – namely to judge scientific achievements according to real impact on the field (not impact factors!), originality and scholarship – it can be anticipated that colleagues working in smaller emerging fields will find increased recognition as will researchers responsible for seminal advances in areas of applied biological research.

With *The EMBO Meeting* – held in Amsterdam in late summer (pages 40–41) – EMBO took up again the tradition of the annual life science conferences begun first with

the former EMBO Symposia started in 1975 through to the early 1980’s and later by the ELSO meetings organized by the European Life Scientist Organisation (ELSO) between 2000 to 2008. The broad-scope meeting aims to bring together life scientists from around the world to hear and discuss the latest developments in the life sciences from leaders in the field.

Indeed, the high level of participation at *The EMBO Meeting 2009* was most inspiring and set the standard for future meetings. Thus, we are looking forward to the upcoming 2010 conference in Barcelona. There can be little doubt that we need a life science meeting of the highest quality in Europe, which is affordable also for the younger generation of researchers in all our member states, including graduate and doctoral students as well as postdoctoral fellows. This community of young researchers that we have to date targeted primarily through specialized events from the EMBO Courses & Workshops Programme will greatly benefit from being exposed to a broad spectrum of themes presented by the very best in their field.

An exiting addition to the programmes of both EMBO and EMBL will be the EMBO|EMBL Symposia that begin in 2010 (page 20). These annual series of up to six symposia will deal with cutting-edge research topics in a forward-looking manner. They will be held in the new EMBL Advanced Training Centre (ATC), which accommodates

up to 450 participants, in an elegant and attractive setting at EMBL in Heidelberg.

*Food Sustainability and Plant Science: a Global Challenge* was the topic of the joint EMBO|EMBL Science & Society Conference in 2009, for which we assembled an outstanding faculty of experts (page 28). The messages conveyed to the fully booked conference were scientifically most impressive but, with respect to societal implications, sobering and alarming. I hope that this most important topic will remain on the agenda of the EMBO Science & Society Programme.

In 2009, we also started the EMBO Global Exchange Programme (page 45). With this initiative, EMBO responds to the requests of many life scientists around the world to help strengthen interactions with European researchers. In doing so, we feel we act in the spirit of our founders who insisted on “defining Europe widely” which I feel translates today as looking beyond historical and political definitions of Europe. With this programme, we intensify our efforts to spread EMBO principles and proven concepts, which all aim to further the individual talented researcher and to foster cross-border interactions and collaborations. The emphasis of the programme is on “exchange” of people, ideas and knowledge as the only way that will warrant sustainable and fruitful interactions within the scientific community around the world. Obviously, this programme needs to be shaped also according to conditions and needs pre-

vailing in different areas of the world. For this reason, and also due to limited resources, the programme will focus during an initial phase on only a few countries. However, it is hoped to expand the programme globally in subsequent years, using the model refined during the initial start-up phase.

Major efforts have gone into our publication activities. Our new journal, *EMBO Molecular Medicine* was launched in early 2009 as the most visible sign of our interest in all aspects of the life sciences where concepts and approaches of molecular biology have a major impact (see pages 38–39). Scientific publishing is in a phase of rapid transition due to the changing requirements and reading habits of the scientific community, rapidly evolving e-publishing technologies and changing business models – keywords: open access, submission fees, peer review, bibliometrics, online publishing. For EMBO these developments harbour challenges but also opportunities at several levels. For example, we have to address how to maintain journals with a qualified, transparent and thus costly reviewing system while at the same time responding positively to researchers who, understandably, favour open access to research articles at a cost affordable also for those working in member states or institutions where resources – for example, author-paid submissions – are tight or not available at all. Aware of the various challenges, EMBO is in the process of thoroughly reassessing and restructuring

its “Scientific Publishing” programme. As a first step we have conceived what we call the “transparent editorial process”. This novel policy, so far applied in *The EMBO Journal* since early 2009, has been well received by the scientific community, and other journals as well as the press have taken an interest. No doubt, there are further challenges to be met, but I am confident that EMBO is in a good position to develop paradigmatic solutions. In this context I am particularly delighted that *Dr Bernd Pulverer*, former editor in chief of *Nature Cell Biology*, has joined us as Head of EMBO Scientific Publications. At the same time I would like to extend my sincere thanks to *Drs Les Grivell* and *Pernille Rørth* – who both left us at the end of the year – for their dedicated and scholarly input, essential for the success of our journals.

In the past year we believe we found a pragmatic solution to a long-standing problem for young researchers: as of 2010 EMBO Postdoctoral Fellows will be invited to join a pension scheme which will allow them to take out a “portable pension”. I am confident that this new opportunity will be highly appreciated by young scientists who wish to move freely between countries to follow their scientific interests. It would be great to see the “EMBO solution” serving as a more generally applicable paradigm.

Closer to home, we have reassessed our organizational structures. I am very grateful to our membership for its support when re-

vising our Statutes and to the EMBO Council for amending the EMBO Rules accordingly. Of similar importance was the cooperation of the European Molecular Biology Conference (EMBC) in revising its “Rules of Procedure” and its “Financial Rules”. The insight of the EMBC Delegates allowed us to significantly streamline our administrative processes leading to an increased transparency and setting free capacities, which now can be focused on our primary goals.

In November the EMBC decided on the Indicative Scheme, which defines the contribution of the Member States in support of the scientific programme proposed by EMBO for the years 2010 to 2014. Though the Conference felt that the budget as proposed by EMBO could not be met, given the strained financial situation in all EMBC countries, the slight budget increase agreed upon should allow EMBO to maintain its activities until better times

In December my almost 3-year term at EMBO ended. It was an interesting revisit after having been quite involved in the early seventies. EMBO still fascinates as a truly European scientific society of outstanding quality. Its goals, wisely defined by its founders – fostering individual scientific talent, catalyzing cross-border interactions and basing all decisions rigorously on scientific merits – are simple and as valid as ever, particularly in times where technocratically conceived gov-

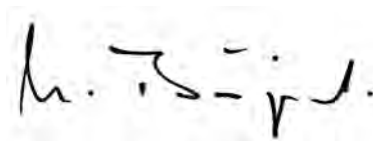


ernmental programmes increasingly impede rather than promote original research.

It was a pleasure and a privilege to head the organization for a while and to help to keep EMBO going in the spirit of its founders and its membership. I am grateful for the support of our members. Their engagement in all our programmes is a prerequisite for maintaining the undisputed quality of all EMBO activities. We enjoyed great support from the EMBO Council and I would like to extend my special thanks to *Tim Hunt* (page 10) for his continued and refreshing engagement and encouragement. It was a pleasure to interact with the EMBC and I would like to thank the delegates and the President of the EMBC, *Peter Weisbeek*, for a constructive cooperation. To have EMBL, with its Director General *Iain Mattaj*, as a neighbour was truly enjoyable.

Finally, I would like to cordially thank all EMBO staff. It was a delight to work with such a competent, dedicated and stimulating group – thank you for the spirited and joyous atmosphere “on the hill”!

Thinking about EMBO many things come to mind: what it is, what it could or should be. Interesting opportunities lie ahead, and so I wish my successor, *Maria Leptin*, all the best and success in directing this attractive endeavour! □

A handwritten signature in black ink, appearing to read 'H. Bujard', is centered on the page. The signature is written in a cursive, slightly stylized font.



Tim Hunt  
EMBO Council Chair

The year 2009 was very good for EMBO, seeing the completion of several important projects and a transition to a new management team for the next few years. Some of these projects might appear dry and dusty, but they are important for the smooth running of the organization. Such was the reform of our Statutes and Rules, originally drawn up in 1964 and revised in 1980 and 1982. A small working party, guided by lawyers, managed to achieve this just before Christmas 2009. Additionally, EMBO was registered according to new laws in Switzerland and the German tax authorities also accepted the organization's activities as not-for-profit.

One of the activities of EMBO that was explicitly mentioned in the original statutes was the organization of an annual symposium, a gathering that had unfortunately been allowed to lapse for some time. But at the end of August, *The EMBO Meeting* took place in Amsterdam, we hope the first of a long line (2010 sees us in Barcelona and 2011 in Vienna). It was a great success, thanks to the EMBO team in Heidelberg who took care of the detailed planning and organization on the ground, and *Hans Clevers* and *Steve West* who arranged the scientific programme.

*EMBO Molecular Medicine* started publication in the spring of 2009 after several years of gestation, and *Les Grivell*, who was largely responsible, retired from EMBO in the autumn after long and devoted service to the organization. His place in charge of the jour-

nals is taken by *Bernd Pulverer* who was previously at *Nature Cell Biology*. We welcome Bernd, and wish him well in a challenging assignment. *Pernille Rørth* retired from editing *The EMBO Journal*, and we would like to thank her for her extreme dedication to the Journal over the last four years. Her most recent reform, of making the entire review process of published papers completely public, has been much admired.

EMBO gets most of its operating budget from its member states via the EMBC, and 2009 saw the culmination of negotiations that have been maturing with increasing intensity over the last three years. Considering the gloomy economic climate, we are extremely grateful to all concerned for a settlement that sees us maintain the present level of expenditure (with a small budget increase) for the next five years. We would have liked a considerable increase, of course, for many excellent young molecular biologists do not get the support they deserve; but times are hard.

December 31st, 2009 marked the end of *Hermann Bujard's* reign as Director of EMBO, and my tenure as Chairman of the EMBO Council. Hermann has done a magnificent job, and it has been a complete and utter pleasure to work with him. I wish our successors, *Maria Leptin* and *Calle Heldin*, an equally productive and amicable time together. □

A handwritten signature in black ink, appearing to read 'Tim Hunt', with a long, sweeping flourish extending to the right.

For the EMBC, 2009 was an interesting year. Its General Programme, with the EMBO Fellowships as a core element, was very much in demand and as always executed expertly. EMBO Installation Grants performed very well also. The programme is now in its third year, is running smoothly and has seen the first three-year interim reports from the first Installation Grantees. All grantees had done very well and were recommended for continued funding for the remaining two years.

At the same time urgently needed decisions about the level of funding for the years 2010 to 2014 were delayed and influenced by the present financial insecurities of the 27 member states. Discussions continued throughout the year but it was only at the November meeting of the EMBC that the member states could agree on a budget proposal. This proposal provides a small increase to the budget for the next years over the present level, which was considered by many delegates as a very positive result considering the present situation.

The EMBC also decided on its own governance and the responsibilities and duties of its officers. A number of the original rules and duties no longer corresponded to present-day requirements on efficiency, transparency and responsibility. Intense discussions at several EMBC meetings have now resulted in modification of the Rules of Procedure and of the Financial Rules. As a result, the duties of the EMBC Secretary General and of the EMBO

Director have been adapted such as to reflect the actual situation and responsibilities. Additionally, the number of meetings and documents has been reduced. It is felt by both EMBC and EMBO that the new Rules form a proper basis for the interaction between and collaboration of both organizations in the coming years.

EMBC recognizes and welcomes the actions of EMBO to keep its scientific basis and actions in line with scientific progress. Its activities strongly strengthen the scientific position of EMBO within Europe and thereby the impact of the funding of the EMBC Member States. The EMBC would like to thank the outgoing EMBO Director, *Herman Bujard*, for the efficient way in which he executed the General Programme. The constructive interaction with the outgoing Chair of the EMBO Council, *Tim Hunt*, was always much appreciated.

At the end of 2009, the EMBC elected *Toivo Maimets* as the new president effective January 2010. □



Peter Weisbeek  
EMBC President

A handwritten signature in dark ink, which reads "Weisbeek". The signature is written in a cursive, flowing style.



**EMBO | EMBC**

**past & present**

**timeline & brief history**

pages 14–15

**EMBO | EMBC | EMBL aims**

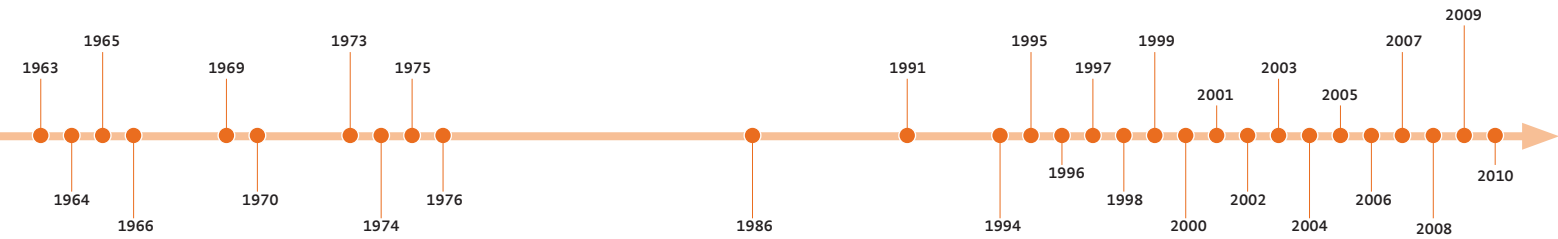
pages 16–18

**EMBO actions 2009**

pages 19–20

**EMBC actions 2009**

page 21



**1963** Election of first EMBO officers

**1964** EMBO incorporated as a non-profit organization and appoints 200 members

**1965** **Raymond Appleyard** appointed Executive Secretary of EMBO

**1966** Funding for nine long-term and 22 short-term fellowships and the first three practical courses secured by the Volkswagen Stiftung

**1969** Governments of 14 member states establish the **European Molecular Biology Conference (EMBC)**

**1970** Formal ratification of EMBC

**1973** **John Tooze** appointed Executive Secretary of EMBO

**1974** **EMBL** established by EMBC

**1975** **EMBO Annual Symposium** (discontinued 1994)

**1976** Statement from **EMBO on recombinant DNA technology** 1981; **The EMBO Journal** launched

**1986** **EMBO Gold Medal** launched

**1991** EMBO East European Fellowships established (discontinued in 1994)

**1994** **Frank Gannon** appointed Executive Director of EMBO

**1995** Review of Austrian Molecular Biology Programme

**1996** EMBO Lectures and EMBO Members Workshop established; **EMBO Fellows Network** started; **Science & Society Programme** founded

**1997** Review of Finland Biotechnology Programme

**1998** European Biotechnology Node for Interaction with China (EBNIC) established under EMBO coordination

**1999** Sectoral meetings started; Review of Hungarian biology

**2000** **EMBO reports** launched; **E-BioSci, Young Investigator Programme** and **World Programme** initiated (integrated across several EMBO programmes in 2004); **ELSF** established in conjunction with other organizations

**2001** EMBO moves to new building

**2002** **EMBO Restart Fellowships** initiated (integrated into long-term fellowship scheme in 2004); **EMBO Award for Communication in the Life Sciences** launched

**2003** Review of French Genopole System

**2004** **EMBO Life Sciences Mobility Portal** and **E-BioSci** go live; Initiative for Science in Europe (ISE) established in conjunction with other organizations

**2005** **EMBO Conference Series** – first call for applications; Award of **EMBO/HHMI Startup Grants** in support of research in Central Europe; EMBO and Nature Publishing Group launch **Molecular Systems Biology** journal; Reviews of CNB and life sciences strategy of Spanish National Research Council (CSIC)

**2006** **EMBO Installation Grants** launched and first awardees selected

**2007** **Hermann Bujard** appointed Executive Director of EMBO; **EMBO Molecular Medicine Fellowships** launched

**2009** EMBO and Wiley-Blackwell launch **EMBO Molecular Medicine** journal; EMBO Fellowships pioneers pension plan for internationally mobile post-doctoral researchers; first annual life science conference, **The EMBO Meeting**, held in Amsterdam; **EMBO Global Exchange** – first call for applications to fund lectures in India, China, Taiwan and Africa; **Maria Leptin** appointed Director of EMBO from January 2010

## History

The origins of EMBO date back to 1963, when a group of leading European scientists in the then emerging field of molecular biology gathered in Ravello, Italy to discuss proposals by *John Kendrew* and *Conrad Waddington* to establish an organization and laboratory for cooperation in molecular biology. Both proposals were endorsed and later, in July 1964, the European Molecular Biology Organization (EMBO) was officially born.

The Ravello meeting laid down two initial goals for EMBO – the creation of a central laboratory and the establishment of networking activities to promote molecular biology in Europe and neighbouring countries and to enhance interactions between scientists in this new field of research across Europe. To pursue these goals, two committees were set up. The efforts of the Laboratory Committee led to the establishment of the European Molecular Biology Laboratory (EMBL). The Federal Organization Committee became the motor for initiating the EMBO programmes for post-doctoral research and for training of scientists – to become known as the EMBO Fellowship Programme and the EMBO Courses & Workshops Programme respectively.

The Ravello meeting also saw the election of Max Perutz as the first EMBO Chairman and John Kendrew as Secretary General. Thanks to the efforts of another EMBO founding member, *Eduard Kellenberger*, EMBO was awarded official legal status on 12 July 1964. *The Volkswagen Foundation* provided start-up funding for the organization and EMBO initiated its first networking activities includ-

ing fellowships, practical courses and the election of 200 scientists as the first EMBO Members.

The EMBO Council secured long-term funding for EMBO and in 1969 the governments of 14 member states established the European Molecular Biology Conference (EMBC). Formal ratification followed in 1970. EMBC adopted the activities started with the Volkswagen funding and these became known as the EMBC General Programme. Soon after its foundation, EMBC also accepted a proposal by EMBO to establish a European laboratory. As a result, 10 EMBC Member States came together in 1974 to form EMBL as an independent intergovernmental organization.

Today EMBC has grown to 27 member states including most of the European Union (EU) and some neighbouring countries. EMBO has non-profit status attributed by the German tax office in Heidelberg. Thanks to EMBC funding and the success of *The EMBO Journal*, since its 1982 launch, EMBO has been able to expand its scope over the years, particularly in the past decade (see timeline opposite). Every year thousands of scientists benefit from EMBO training, career development and networking activities. The organization also plays an increasing role in European science policy.

With a current membership of more than 1,300 of Europe's leading life scientists and over 90 associate members worldwide, EMBO has become a focal point of the European life sciences community and a major catalyst for high-quality research. □

## EMBO

The European Molecular Biology Organization (EMBO) works with leading researchers to promote excellence in the molecular life sciences in Europe. EMBO recognizes and fosters talented scientists, empowering them to advance the life sciences to understand how life works.

The organization supports training and exchange at all stages of the scientific career, promoting collaboration across Europe and worldwide. EMBO activities are funded predominantly by the European Molecular Biology Conference (EMBC) as part of the EMBC General Programme.

Through EMBC, EMBO funds over 600 research fellowships annually and more than 70 practical courses, workshops and conference series. The EMBO Young Investigator Programme promotes outstanding young group leaders across Europe, while EMBO Installation Grants strengthen scientific development in selected EMBC Member States. EMBC also finances the EMBO Science & Society Programme, facilitating dialogue between scientists and other sectors of society. Many EMBO initiatives funded by EMBC encourage international mobility. EMBC also funds the EMBO Life Science Mobility Consultant.

EMBO also finances initiatives independently. These activities are developed based on careful analysis of the needs of the European life sciences community. Start-up funding comes primarily from EMBO publications and occasionally from European Union (EU)

grants or collaborations with international organizations. EMBO pilots these activities to determine the potential benefit of adding them to the EMBC General Programme. From 2009, an annual conference – *The EMBO Meeting* – aims to advance the life sciences through programmes reflecting the concepts of modern biological research. From 2010, the EMBC will provide financial support for the conference. The first applications for *EMBO Global Exchange* were invited at the end of 2009. This new initiative will fund and support lecture programmes initially in India, China, Taiwan and Africa and also lectures by scientists from these countries in Europe.

Scientific publishing is another mainstay of EMBO. *The EMBO Journal* and *EMBO reports* are well established in the scientific literature with reputations for quality and innovation. *Molecular Systems Biology* is setting the same standards in the emerging field of molecular systems biology. Launched in 2009, *EMBO Molecular Medicine* aims to strengthen links between basic biology and clinical research.

EMBO takes its lead from the scientific community, in particular from EMBO Members. EMBO elects new members annually based on excellence in research. With more than 1,300 EMBO Members in Europe and over 90 associate members worldwide, the organization works with a prestigious academy of outstanding researchers from the life sciences community. Fifty-three scientists



from the EMBO membership have received the Nobel Prize. The membership provides valuable input to EMBO, in particular by participating in EMBO committees.

The EMBO Council is engaged intensely in EMBO actions and in the development of new activities and policies. Comprising 15 EMBO Members, elected by the membership, the Council meets annually with EMBO management to discuss and review EMBO activities. A dedicated team of managers, administrators and editors deliver these activities from EMBO headquarters in Heidelberg, Germany. □

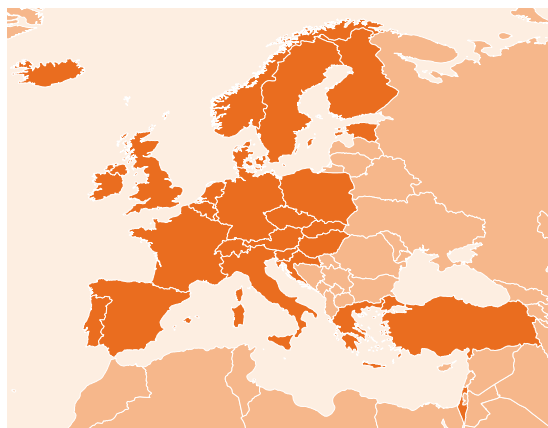
## EMBC

The European Molecular Biology Conference (EMBC) is the intergovernmental organization that contributes the core funding of EMBO. Through the contributions of its 27 member states, EMBC supports and finances the majority of EMBO activities, providing quality scientific initiatives at a pan-European level. EMBC membership includes most of the European Union (EU) and a number of neighbouring countries (see sidebar).

EMBC funds a wide range of EMBO activities as part of its General Programme (see opposite page). The EMBO Fellowship Programme, Courses & Workshops Programme and Young Investigator Programme are the main recipients of funding, but EMBC also supports other important actions such as EMBO Science & Society and, from 2010,

*The EMBO Meeting.* A selection of EMBC Member States also fund the EMBO Installation Grants, awarded to scientists establishing research groups in their countries (see page 27).

Both EMBC and EMBO are driven by a common commitment to quality research at the pan-European level. The actions of both organizations are characterised by selection on the grounds of quality and a strong cooperation with the scientific community. EMBC has decision-making power over the funding and development of EMBO activities associated with the EMBC General Programme, while EMBO has full responsibility for their delivery. EMBC monitors EMBO activities, and the overall programme is decided when the EMBC Delegates meet twice annually in conference. □



## EMBC MEMBER STATES

The following countries are member states of the European Molecular Biology Conference (EMBC):

Austria  
Belgium  
Croatia  
Czech Republic  
Denmark  
Estonia  
Finland  
France  
Germany  
Greece  
Hungary  
Iceland  
Ireland  
Israel  
Italy  
Luxembourg  
Netherlands  
Norway  
Poland  
Portugal  
Slovak Republic  
Slovenia  
Spain  
Sweden  
Switzerland  
Turkey  
United Kingdom

Special provisions also exist for **Cyprus**. A cooperation agreement provides for **South African** scientists to benefit from EMBO programmes and activities.

→ For the scale of contributions by the individual EMBC Member States, see page 59

## EMBL

The creation of a central molecular biology laboratory was one of the founding goals of EMBO. The early efforts of the EMBO Laboratory Committee, the EMBO Council and EMBC led to the subsequent establishment of the European Molecular Biology Laboratory (EMBL). In 1974 EMBL became an independent entity supported by a subset of EMBC Member States. Today 20 of the EMBC Member States are also member countries of EMBL.

EMBL has five core missions: to conduct basic research in molecular biology; to provide essential services to scientists from its member states; to provide high-level training

to staff, students and visitors; to develop new instrumentation for biological research; and to transfer the benefits of new discoveries and technologies to society. These core functions are complemented by outreach activities in the areas of science and society and training for science teachers.

EMBL, EMBO and EMBC are independent organizations but all three act in a mutually supportive manner, both at a strategic and practical level. Full details of EMBL activities can be found in the EMBL Annual Report or on the laboratory's website at [www.embl.org](http://www.embl.org). □

Aerial view of EMBO and EMBL Heidelberg in Germany. The EMBC administration is also located in the EMBO Building.



The EMBO Council met on 31 March–1 April and from 8–9 October 2009. The major decisions from these meetings are listed below along with other important EMBO actions that are not described elsewhere in this report.

### Council, committee and membership elections

→ *Carl-Henrik Heldin* was elected as Chair of the EMBO Council for 2010. David Shore was elected as Vice-Chair of EMBO Council for 2010. Anton Berns was elected as Secretary General of EMBO.

→ *Ari Helenius* and *Daniela Rhodes* were re-elected to Council by the membership for the period 2010–2012. *Pascale Cossart*, *Leszek Kaczmarek* and *Detlef Weigel* were newly elected for the same period. *Richard Treisman* was appointed to replace *Maria Leptin* for the remaining two years of her term and *Veronica van Heyningen* was appointed to replace *Anton Berns* for the remaining one year of his term.

→ Sixty EMBO Members and six EMBO Associate Members were elected in the 2009 membership election. Details of the newly elected members and associate members are listed on pages 64–77.

→ Council agreed to dissolve the Publications Committee and to replace it with the “EMBO Publications Advisory Board”.

→ Council approved the launch of EMBO Global Exchange (see page 45) and formed a new committee.

→ The EMBO Rules were revised and approved by Council.

→ The EMBO Statutes were thoroughly revised and approved by the EMBO Members.

### Financial matters

→ The EMBO Council unanimously approved the accounts for 2008 and the budget for EMBO activities for 2010. This funding comes from income generated by EMBO publications and supplements the EMBC financing of the EMBO Fellowship, Young Investigator, Courses & Workshops and Science & Society Programmes. It is also used to pilot EMBO activities that are not part of the EMBC General Programme.

### EMBO programmes, activities & publications

→ *Maria Leptin* was appointed by the EMBO Council as the next Director of EMBO from January 2010.

→ The EMBO Council approved the lists of names as suggested for the Advisory Editorial Boards for *The EMBO Journal*, *EMBO reports*, *Molecular Systems Biology* and *EMBO Molecular Medicine*.

→ The EMBO Council recruited a new Head of Scientific Publications (HSP), *Bernd Pulverer*, for its scientific journals, reporting to the Director and to the EMBO Council. He is supported by the newly formed EMBO Publications Advisory Board (page 63).

### EMBO OFFICERS & COUNCIL 2009

**Christiane Nüsslein-Volhard**

*EMBO Secretary General*

**Tim Hunt** *Chair*

**Andrea Ballabio**

**Anton Berns** *Vice-Chair*

**Maria Blasco**

**Patrick Charnay**

**Carl-Henrik Heldin**

**Ari Helenius**

**Maria Leptin**

**Daniel Louvard**

**Ferenc Nagy**

**Daniela Rhodes**

**Benny Shilo**

**David Shore**

**Kai Simons**

**Gunnar von Heijne**

→ For a complete list of the current EMBO Council and Committee members, see pages 60–61



**Valeria Kaplan**

Administrator for the EMBO Membership

**Bernhard Huber**  
Administrator & Finance  
Head



**Bärbel Traut-Laur**  
Administrator & Finance  
Administrator



### EMBO/EMBL Cooperation

→ The EMBO Council suggested three candidates for each of two scientific areas to represent EMBO on the EMBL Scientific Advisory Committee (SAC). *Tom Muir* and *Reinhard Jahn* were selected.

→ EMBO and EMBL will hold three joint EMBO|EMBL Symposia in the new EMBL Advanced Training Centre (ATC) in 2010 (see page 157)

### Other EMBO activities:

#### Awards

→ *Olivier Voinnet* of the CNRS Institute of Plant Molecular Biology in Strasbourg (FR) won the 2009 EMBO Gold Medal in recognition of his pioneering work on the mechanisms and roles of gene silencing *via* RNA in plants (see page 43).

#### Meetings

→ *The EMBO Meeting 2009* was held in Amsterdam from 29 August to 1 September (see pages 40–41), continuing the tradition of an annual life sciences conference in Europe started by the former European Life Scientist Organisation (ELSO).

→ New EMBO Members in 2008 were welcomed to the organization during a special event held during *The EMBO Meeting 2009* in Amsterdam.

→ The EMBO Director and EMBO Managers were engaged in a variety of other meetings and collaborations – in particular with

the Federation of European Biochemical Societies (FEBS), the European Science Foundation (ESF) and the various programmes of the European Commission (EC).

→ EMBO continues to participate in the activities and meetings of the European Life Sciences Forum (ELSF) and the Initiative for Science in Europe (ISE) (see page 48). □

#### EMBO COMMITTEE CHAIRS 2009

##### Ueli Aebi

Chair | EMBO Membership Committee

##### Anthony Pugsley

Chair | EMBO Fellowship Committee

##### Pico Caroni

Chair | EMBO Course Committee

##### Michael Bevan

Chair | EMBO Young Investigator Committee

##### Wendy Bickmore

Chair | EMBO Science & Society Committee

##### Helen Saibil

Chair | EMBO Publications Committee

##### Hermann Bujard

Chair | The EMBO Meeting Committee

→ For a complete list of the current EMBO Council and Committee members, see pages 60–61.

In 2009, two formal sessions of EMBC were held in Heidelberg (in June) and in Rome (in November). The Financial Advisory Group, the Audit Committee and the EMBC Strategic Working Party met in May; the Finance Committee convened in November. The decisions and actions resulting from these meetings are listed below.

#### Financial matters

- EMBC accepted the accounts for 2008 and noted the reports of the external and internal auditors.
- The scale of contributions for 2010 and 2011/2012 was unanimously approved.
- The indicative scheme covering the period 2010 to 2014 was approved unanimously with two countries voting ad referendum.
- The budget for 2010 was approved.
- The external auditors from the Office of the Auditor General of Norway were appointed for a second term of three years.

#### EMBC decisions and actions

- At the November meeting, EMBC heard a detailed report on the delivery by EMBO of the EMBC General Programme.
- The EMBC Special Project supporting Strategic Development Installation Grants (known as the EMBO Installation Grants scheme) received 33 applications. Five scientists were selected to receive funding from the participating member states as of 2010.

- The EMBC Rules of Procedure and Financial Rules were revised.
- The Financial Advisory Group and the Audit Committee were fused into the Finance Committee, which has a defined membership.
- EMBC agreed to initiate a private pension plan for EMBO Fellows.

#### Election of Officers for 2010

- *Toivo Maimets* (Estonia) was elected President of EMBC for 2010. *Claudio Sunkel* (Portugal) and *Leszek Kaczmarek* (Poland) were elected Vice-Presidents.
- *Krešimir Pavelić* (Croatia) was re-appointed EMBC Secretary General for 2010. □

#### FINANCE COMMITTEE

Permanent Members	Elected Members
France	Finland
Germany	Greece
Italy	Ireland
Spain	Netherlands
United Kingdom	Poland
	Portugal
	Sweden

**Gitta Bourke**  
Administrator for the EMBC  
and EMBO Council



#### EMBC OFFICERS 2009

**Peter J. Weisbeek** Netherlands  
*President*

**Toivo Maimets** Estonia

**Claudio Sunkel** Portugal  
*Vice-Presidents*

**Krešimir Pavelić** Croatia  
*Secretary General*

**Maria José Almeida** Portugal  
*Chair* | Finance Committee

**Paula Heppner** Germany  
*Vice-Chair* | Finance Committee

→ For a list of all EMBC Delegates and Advisers, see pages 52 – 58

#### STRATEGIC WORKING PARTY 2009

**Ahmet Ademoglu** Turkey

**Maria José Almeida** Portugal

**Isabella Beretta** Switzerland

**Oda Keppler** Germany

**Mark Palmer** United Kingdom

**Julien Galabru** France

**Kalervo Hiltunen** Finland

**Josiane Entringer** Luxembourg

**Toivo Maimets** Estonia

**Juan Modolell** Spain

**Krešimir Pavelić** Croatia

**Claudio Sunkel** Portugal

**Glauco Tocchini-Valentini** Italy

**Peter J. Weisbeek** Netherlands | *Chair*



**EMBO | EMBC** | programmes and activities

<b>fellowships</b>	page 24
<b>courses &amp; Workshops</b>	page 25
<b>young investigators</b>	page 26
<b>installation grants</b>	page 27
<b>science &amp; society</b>	page 28
<b>career development</b>	page 29

**Jan Taplick**  
Programme Manager



**Liselott Maidment**  
Administrator  
Long-term fellowships



**Agnès Visser-de-Matteïs**  
Administrator  
Short-term fellowships



**Zsuzsanna O'Donoghue**  
Administrator



Renowned for its strict attention to scientific excellence, the EMBO Fellowship Programme has supported thousands of talented young scientists since its launch in the 1960s. EMBO Fellowships support post-doctoral and pre-doctoral research visits of varying duration to laboratories throughout the EMBC Member States and internationally.

#### ▼ AT A GLANCE

- Approximately 250 long-term fellowships and 250 short-term fellowships awarded annually
- Annual EMBO Fellows Meeting for fellows in the final year of their long-term fellowship
- Biennial EMBO North American Fellows Meeting for current and former fellows working in the USA or Canada
- EMBO Fellows Network forging links between EMBO Fellows past and present
- Professional training for long-term fellows including EMBO Laboratory Management Courses (see page 25) and EMBO Media Workshops (see page 28)
- Special conditions for EMBO Fellows with children (see page 42)

#### ▼ 2009 HIGHLIGHTS

- **EMBO Long-Term Fellowships**  
1332 applicants/258 awards  
19% success rate
- **EMBO Short-Term Fellowships**  
495 applicants/255 awards  
52% success rate
- **EMBO Fellows Meeting**  
11–14 June 2009 | Heidelberg | Germany  
87 participants
- **EMBO Laboratory Management Courses for long-term fellows**
- **Co-funding of EMBO Long-Term Fellowship Programme by European Commission**  
Contract signed with the European Commission and first co-funded fellowships awarded in December 2009
- **Private Pension Scheme for EMBO Fellows**  
Proposal accepted by the EMBC,  
Pension scheme to start in January 2010
- For long-term fellowship trends and statistics, see pages 82–103
- For short-term fellowship trends and statistics, see pages 104–127



The EMBO Courses & Workshops Programme has a reputation for funding high-quality meetings and providing scientists at all career stages with networking and training opportunities. The selection processes ensure that only the best and most diverse molecular biology meetings are funded.

#### ▼ AT A GLANCE

- Approximately 80 practical courses, lecture courses, workshops, conference series and symposia funded annually
- Maximum funding of €30,000 per meeting
- Travel grants for eligible practical course participants
- Joint activities, sponsored with other scientific organizations, such as ESF-EMBO Symposia, EMBO/FEBS Lecture Courses and EMBO|EMBL Symposia
- Website, poster and registration assistance for meeting organizers (Online HelpDesk)
- Organize Laboratory Management Courses for postdocs and independent group leaders

#### ▼ 2009 HIGHLIGHTS

- **EMBO Practical Courses**  
27 applications / 22 funded\*  
12 applications / 8 funded\*\*
- **EMBO Workshops**  
34 applications / 17 funded\*  
1 application / 1 funded\*\*
- **EMBO Conference Series**  
30 applications / 25 funded\*
- **EMBO Lecture Course**  
1 application / 1 funded\*
- **ESF-EMBO Symposia**  
18 applications / 3 funded\*
- **EMBO/FEBS Lecture Courses**  
6 applications / 2 funded\*
- **Laboratory Management Courses**  
5 courses for postdocs  
4 courses for independent group leaders
- **Total participant numbers**  
Approximately 6,000 researchers
- **Online HelpDesk**  
51 websites, 40 posters

\* Within EMBC Member States

\*\* Outside Europe



**Anne-Marie Glynn**  
Programme Manager



**Anne Seller**  
Administrator



**Lynne Turnbull**  
Administrator  
Online HelpDesk

→ For a list of 2009 courses, workshops, conference series, symposia and laboratory management courses, see pages 138–143

→ For a list of 2010 courses, workshops, conference series, symposia and laboratory management courses, see pages 154–158

**Gerlind Wallon**  
Programme Manager



**Kim Krynauw**  
Administrator



The EMBO Young Investigator Programme supports outstanding young group leaders in the early years of their independent careers. Launched in 2000, the programme currently supports over 230 scientists in 23 EMBC Member States. The Young Investigators benefit from training opportunities designed to raise their profile, widen their networks and support for their research groups.

▼ **AT A GLANCE**

- Approximately 20 EMBO Young Investigators selected annually
- Networking support through annual meetings, laboratory exchanges and EMBO Member mentorship
- Promotional activities including sponsorship of lectures at international meetings and distribution of a brochure profiling the Young Investigators
- Training opportunities such as laboratory management courses, an annual PhD course for the Young Investigators' students and satellite meetings on different topics
- Annual award of €15,000 plus possible small grants from EMBO
- One year's free subscription to *EMBO reports* and free online access to *The EMBO Journal*

▼ **2009 HIGHLIGHTS**

- **EMBO Young Investigator Programme**  
123 applicants/17 awards  
13.8% success rate
- **9th EMBO Young Investigator Meeting**  
13 – 15 May 2009 | Istanbul | Turkey  
Bogazici University
- **EMBO Young Investigator Lectures**  
29 lectures sponsored at international meetings
- **EMBO Laboratory Management Courses and Advanced Leadership Courses**  
For young group leaders and post doctoral fellows
- **8th EMBO Young Investigator PhD Course**  
14–19 September 2009 | Heidelberg | Germany  
36 participants
- **3rd EMBO Young Investigator Sectoral Meeting on Neurobiology**  
16 May 2009 | Istanbul | Turkey
- **2nd EMBO Young Investigator Sectoral Meeting on DNA Repair**  
15 – 17 October 2009 | Brno | Czech Republic
- For a list of EMBO Young Investigators selected in 2009, **see page 128**
- For programme statistics and EMBO Young Investigator Lectures in 2009, **see pages 130–135**
- For a list of programme events in 2010, **see page 159**

Launched in 2006, EMBO Installation Grants aim to strengthen science in selected EMBC Member States. Building on earlier initiatives targeting Central and Eastern Europe, the grants offer scientists an attractive funding package to relocate and establish their laboratories in a participating country. Awardees are closely integrated into the young investigator network, helping them to establish a reputation in the European scientific community.

▼ **AT A GLANCE**

- 5 scientists selected in 2009
- Participating countries: Croatia, the Czech Republic, Estonia, Hungary, Poland, Portugal and Turkey
- Annual grant of € 50,000 for three to five years
- Networking support through the EMBO Young Investigator Programme (see opposite page)
- Annual meetings to network scientists in the participating countries e.g. EMBO/HHMI Central European Scientists Meetings

▼ **2009 HIGHLIGHTS**

- **EMBO Installation Grant awards**  
33 applicants / 5 awards  
15.1 % success rate
- **2nd EMBO European Young Scientists Forum**  
15–17 June 2009 | Zagreb | Croatia
- For a list of the EMBO Installation Grantees selected in 2009, see page 129

▼ **CURRENT PARTICIPATING COUNTRIES**

Croatia	Poland
Czech Republic	Portugal
Estonia	Turkey
Hungary	



**Gerlind Wallon**  
Programme Manager



**Kim Krynauw**  
Administrator

**Gerlind Wallon**

Interim Programme Manager



**Alessandra Bendiscioli**

Administrator



The EMBO Science & Society Programme has been promoting and strengthening communication between life scientists and other sectors of society for over nine years. A range of initiatives helps scientists to communicate their research more effectively, stimulate and inform public debate, and contribute to improvements in policy-making.

▼ **AT A GLANCE**

- Public dialogue on scientific developments of social concern through annual conferences co-organized with EMBL
- Analysis of current issues in European life sciences policy resulting in publications informing policy-making
- Science communication training for young scientists
- Sessions at European scientific meetings
- Funding of science and society speakers at European scientific meetings

▼ **2009 HIGHLIGHTS**

→ **10th EMBO | EMBL Joint Conference on Science & Society**

*Food, sustainability and plant science – a global challenge*

6–7 November 2009 | Heidelberg | Germany

270 participants

→ **9th EMBO Media Workshop**

12 June 2009 | Heidelberg | Germany

60 participants

→ **Media communication skills workshop**

The EMBO Meeting 2009 | 30 August

Amsterdam | The Netherlands

→ **Science & Society session –**

*Food, sustainability and plant science*

The EMBO Meeting 2009 | 1 September

Amsterdam | The Netherlands

→ For a list of programme events in 2010, see **page 159**

Since our beginning in 1964, EMBO has helped thousands of scientists advance their careers through training, funding and cross-border exchange. The beneficiaries of our programmes and activities make significant contributions to science, helping to address the challenges faced by society today.



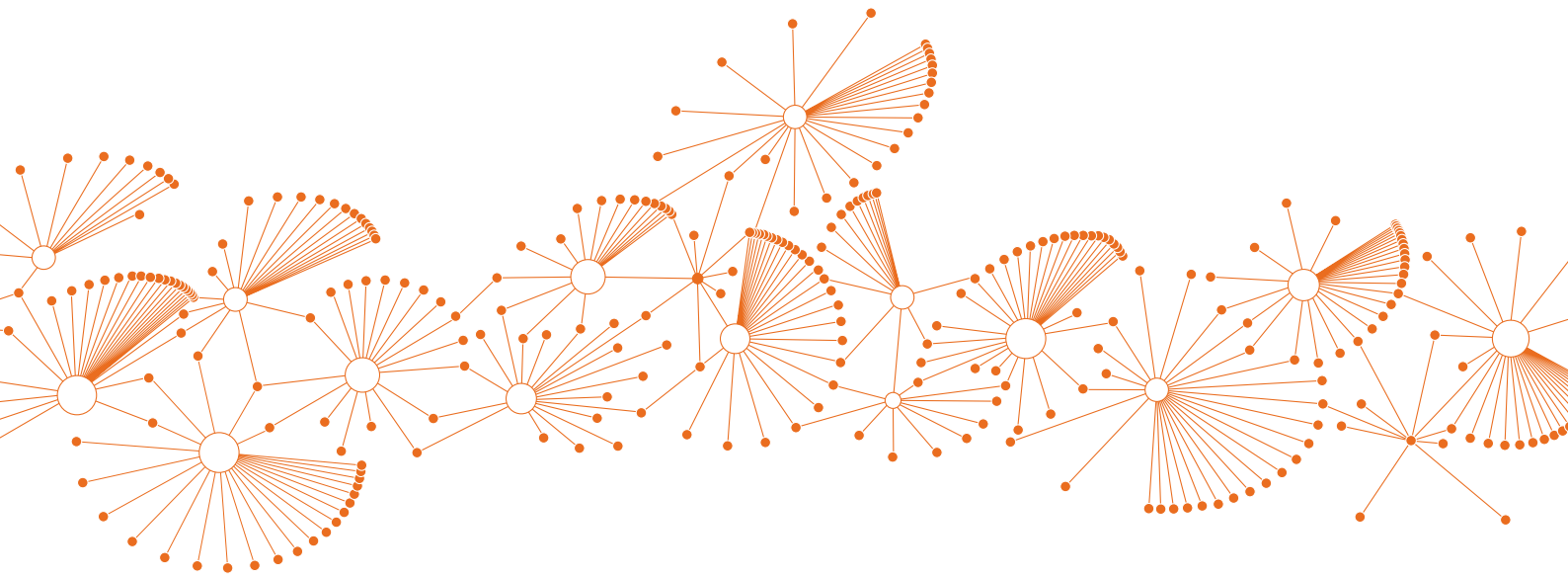
Sabine Rehberger-Schneider  
Life Sciences Mobility Consultant

#### ▼ AT A GLANCE

- EMBO Fellowships (see page 24) and EMBO Courses & Workshops (see page 25) support of researchers at all levels
- EMBO Laboratory Management Courses (see page 25) help scientists develop additional skills to effectively lead research groups
- EMBO Young Investigator Programme (see page 26) and EMBO Installation Grants (see page 27) support the academic career progression of young independent research scientists
- EMBO Life Sciences Mobility Portal offers the most comprehensive pan-European online resource for scientists seeking financial support, training and employment
- EMBO Women in Science (see page 42) activities monitor performance of EMBO with regards to the fair treatment of women in all EMBO activities
- Our annual conference, *The EMBO Meeting* (see pages 40–41), advances the European life sciences through its scientific programme and focus on career management and development

#### ▼ 2009 HIGHLIGHTS

- **Pension plan announced for post-doctoral researchers receiving EMBO Long-Term Fellowships** (see page 24)
- **Life Science Mobility Portal**
  - annual visits increased by 26,000 visitors per month
  - 1,700 research funding schemes referenced
- **The EMBO Meeting 2009**  
**30 August | Amsterdam | The Netherlands**
  - career sessions fully attended
  - Life Science JobMarket posted research job opportunities submitted via Life Science Mobility Portal
- **Women in Life Sciences (WiLS)**  
Database of more than 600 expert female scientists hosted on EMBO website
- **The Source Event**  
4 December | Berlin | Germany
  - exhibited EMBO Career Development opportunities to attendees



## EMBO activities

<i>The EMBO Journal</i>	pages 32–33
<i>EMBO reports</i>	pages 34–35
<i>Molecular Systems Biology</i>	pages 36–37
<i>EMBO Molecular Medicine</i>	pages 38–39
<i>The EMBO Meeting</i>	pages 40–41
women in science	page 42
gold medal	page 43
plenary lectures	page 44
global exchange	page 45
information support & resources	page 46
public relations & communications	page 47
European Life Sciences Forum (ELSF)	page 48





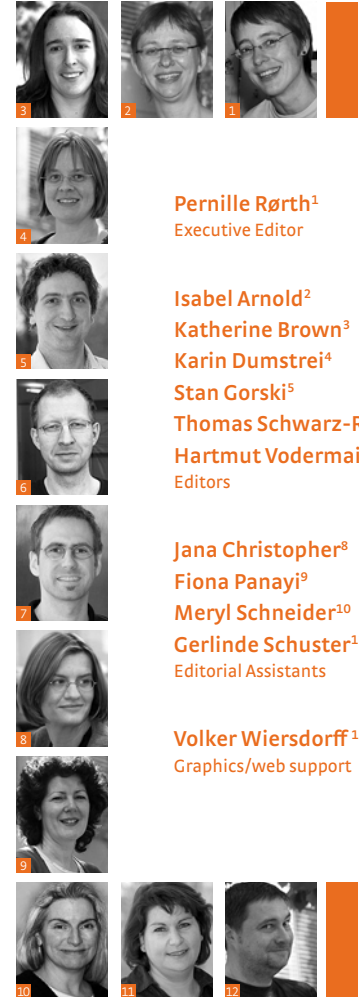
The EMBO Journal has been the flagship EMBO publication for almost 30 years and enjoys an international reputation for quality and originality. Research papers provide an exceptional level of novel insights into a diverse range of biological problems, with an emphasis on mechanistic understanding. Reviews and *Have You Seen...?* features provide context and comment from leaders in the field.

#### ▼ AT A GLANCE

- Broad scope spanning all areas of molecular biology
- Owned and edited by EMBO, published by Nature Publishing Group (NPG)
- Professional EMBO editorial team supported by an Executive Editor, Senior Advisors and an Advisory Editorial Board
- Efficient online submission system
- Initial editorial decisions within one week of submission and within three to four weeks for in-depth peer review
- Rapid online publication and wide exposure of articles through highlights across NPG's subject area pages and gateways
- Free online access after 12 months *via* nature.com and PubMed Central (immediate access to the developing world through the HINARI initiative)
- Full archive available online

#### ▼ 2009 HIGHLIGHTS

- **Transparent review process**  
Online publication of referee reports, rebuttals and editorial communication, as well as manuscript handling statistics
- **Citation of the primary literature encouraged**
- **Have you seen ...?**  
46 experts comment on research articles
- **Focus Issue**  
Collection of nine reviews on centromeres and telomeres
- **EMBO Open**  
Authors can opt for open access publication
- **Rapid time to first decision on manuscripts**  
Average of five days following submission
- **High submission rate from outside Europe**  
55% of submitting authors
- **14 percent annual increase for e-mail alerts**  
Monthly average of almost 97,000 registrants
- **Online RSS feeds**  
Average monthly uptake more than 97,000
- **More than 900 entries for annual cover contest**
- For a list of Advisory Editorial Board members, see pages 78–79



Concise | Provocative | Engaged

EMBO  
*reports*



**HEAD OF SCIENTIFIC PUBLICATIONS**

**Bernd Pulverer**  
(from November 2009)



**DEPARTURE**  
**Les Grivell**

→ For a list of Advisory Editorial Board members, see pages 78–79

EMBO reports caters to both the scientific community and general readers interested in the societal impact of life science advances. Short research papers describe advances in a broad spectrum of the life sciences, complemented by reviews and meeting reports. Science & Society topics are analyzed in depth by news and commentaries authored by journalists and experts.

▼ AT A GLANCE

- Diverse scope and range of content covering all areas of molecular biology
- Three sections: Science & Society, Reviews, Scientific Reports
- Owned and run by EMBO, published by Nature Publishing Group (NPG)
- Professional editorial team at EMBO supported by a Senior Editor and an international Advisory Editorial Board
- Publication of web focus collections on topics of current scientific and/or social interest
- High quality editorial and graphical production standards
- Initial editorial decision within one week of submission and within three to four weeks for in-depth peer review
- Rapid online publication and wide exposure of articles through highlights across NPG's subject area pages and gateways
- Free online access after 12 months via nature.com and PubMed Central (immediate access to the developing world through the HINARI initiative)

- Full archive available online
- Dedicated to short-format reports: Short-format, original research papers that report a single, ground-breaking advance in any aspect of molecular biology

▼ 2009 HIGHLIGHTS

- **Web focus issues draw together relevant content**  
– Protein Modification: Beyond the Usual Suspects  
– Convergence Research
- **Diversified Advisory Editorial Board**  
New appointments to the Board reflect the journal's broad scope that now includes molecular evolution and more applied research fields
- **More commentary and opinion**  
Upfront editorial material complements the scientific and science & society content with concise, expert views on various topics
- **Top downloads reflect journal identity**  
Content from all three sections in monthly top ten downloads
- **EMBO Open**  
Authors may publish using an Open Access model
- **Rapid time to first decision on manuscripts**  
Average of seven days following submission
- **High submission rate from outside Europe**  
Almost 50% of submitting authors



**Howy Jacobs<sup>1</sup>**  
Senior Editor  
(from April 2009)

**Frank Gannon<sup>2</sup>**  
Senior Editor  
(until March 2009)

**Holger Breithaupt<sup>3</sup>**  
**Samuel Caddick<sup>4</sup>**  
**Nonia Pariente<sup>5</sup>**  
**Barbara Pauly<sup>6</sup>**  
**Esther Schnapp<sup>7</sup>**  
Editors

**Uta Mackensen<sup>8</sup>**  
Graphics Editor

**Susanne Hofner-Harris<sup>9</sup>**  
Editorial Assistant

# Open Access | Pioneering Research

molecular  
systems  
biology

**molecular systems biology**

Welcome to *Molecular Systems Biology*

LATEST: 2008 impact factor 12.243 from Journal Citation Reports, Thomson 2009

**Featured article**

**Patterns of basal signaling heterogeneity can distinguish cellular populations with different drug sensitivities**

Phenotypic heterogeneity has classically been observed within cancer cell populations. Here, we show that patterns of basal signaling heterogeneity, observed within a panel of non-small cell lung cancer clones, reveal information about population-level response to drug perturbation.

**Latest blog posts**

**The Seven Stones** is our blog on systems and synthetic biology.

**Impact Factors 2008**

**The end of news, the end of reason**

**Keystone Symposium - Omics Meets Cell Biology (II)**

**Keystone Symposium - Omics Meets Cell Biology (I)**

**Research articles**

**Patterns of basal signaling heterogeneity can distinguish cellular populations with different drug sensitivities**

Dinesh Kumar Singh, Chin-Jen Ku, Chonlarat Wichaidit, Robert J Steininger, III, Lant F Wu & Steven J Altschuler  
doi:10.1038/msb.2010.22  
Published online: 11 May 2010

**News & Views**

**Nucleosome patterning evolutions steady aim despite moving targets**

Chris Todd Himmelfarb & Jay R

**Workshops**

**Lectures**

**The Seven Stones**

The Molecular Systems Biology Blog on Systems & Synthetic Biology (Embo)

Search this blog:

Send your posts to: [msb@embo.org](mailto:msb@embo.org)

**Categories**

- Biological approaches
- Computational approaches
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- MSB updates
- Research highlights

**Recent Posts**

**Impact Factors 2008**

**The end of news, the end of reason**

**Keystone Symposium - Omics Meets Cell Biology (II)**

**Keystone Symposium - Omics Meets Cell Biology (I)**

**EMBO Resources**

- The EMBO Journal
- EMBO associate
- EMBO Molecular Medicine
- EMBO

**the EMBO meeting**

BARCELONA  
4-7 September  
2010

Advancing the life sciences

**Workshops**

**Lectures**

**Keystone Symposium - Omics Meets Cell Biology (I) | Main | The end of news, the end of reason**

**Keystone Symposium - Omics Meets Cell Biology (II)**

Before I carry on with a summary of the second part of the Keystone Symposium 'Omics Meets Cell Biology', I should clarify that this post and the previous one dedicated to this conference are not intended to provide an comprehensive account of all the talks but rather to communicate some general (and subjective) impressions of the meeting. To keep these posts reasonably short (and sometimes due to a lack of memory...), I had to omit several of the excellent presentations given at this meeting. The full program and complete list of speakers is available at the Keystone Symposium website.

Many of the presentations given during the second part of the meeting (especially derived from cell-based high- or medium-throughput functional screens, most of them relying on RNA-mediated knock-downs. Here is an overview of the talks presented during this meeting, illustrating their diversity in scope and lack the versatility of this method.

Topic	# genes tested	Type	Speaker
antichip	21 000	RNAi	W. Legrain
antichip organ dev.	25 000	RNAi	J. Murray-Watson
cell polarity	16 000	RNAi	J. Avrignac
imaginal morphs	6300 (pooled)	RNAi	D. Sabatini
viral entry	6200	RNAi	L. Reboredo
cell-cell contacts	2000	RNAi	F. Passard
cell migration	1000	RNAi	J. Brugge
transcription	113	RNAi	L. Pelletier
muscle apoptosis	93	RNAi	A. Poustka

**SENIOR EDITORS**

- Ruedi Aebersold
- Peer Bork
- George Church
- Leroy Hood
- Edison Liu

**HEAD OF SCIENTIFIC PUBLICATIONS**

Bernd Pulverer  
(from November 2009)



DEPARTURE  
Les Grivell

*Molecular Systems Biology* is an open-access publication dedicated to the growing field of systems biology at the molecular level. Published online since 2005, the journal provides a unique forum for the publication of papers describing the molecular properties and behaviour of complex biological systems. The journal aims to set standards in the field, structuring research output and using pioneering systems biology technologies.

▼ **AT A GLANCE**

- Wide scope covering all aspects of molecular systems biology
- Immediate free access to all content online, supported by an author publication charge
- Professional EMBO editorial team
- Panel of Senior Editors and Advisory Editorial Board of leading systems biology researchers
- Published by Nature Publishing Group (NPG) and jointly owned by EMBO and NPG
- Variety of article formats including primary research papers, reviews, perspectives, news & views, and editorials
- Rapid publication and wide exposure of articles across NPG's subject area pages and gateways
- Enhanced support for structured data formats such as Systems Biology Markup Language (SBML)

▼ **2009 HIGHLIGHTS**

- **2008 Journal Impact Factor increased to 12.2\***
- **Submissions increased two-fold**
- **Open-access license extended**  
Authors can permit derivative works
- **Perspectives article type**  
Communicates novel concepts and innovative research directions
- **Reprint collections**
- **Redesigned homepage**  
Displays thumbnails to research papers, Top 10 downloads, and links to Latest blog posts
- **The Seven Stones blog**  
Instant online publishing and commenting platform on systems and synthetic biology
- **For a list of Advisory Editorial Board members, see page 80**

\*Journal Citation Reports, Thomson



**Thomas Lemberger**  
Editor



**Les Grivell**  
Associate Editor  
(until October 2009)



**Jana Christopher**  
Editorial Assistant

Molecular insight | Clinical Relevance

EMBO  
Molecular Medicine



**SENIOR EDITORS**

Dario R. Alessi  
Giulio Cossu  
Uta Francke  
Fred H. Gage  
Matthias Hentze  
Edison Liu  
Philippe Sansonetti  
Bart de Strooper

**HEAD OF SCIENTIFIC PUBLICATIONS**

Bernd Pulverer  
(from November 2009)



DEPARTURE  
Les Grivell

*EMBO Molecular Medicine*, launched in April 2009, is dedicated to the rapidly growing area of research at the interface between clinical research and basic biology. The journal provides a forum for high quality and impactful translational research.

▼ **AT A GLANCE**

■ Articles offer novel molecular insight into the etiology of human diseases & new perspectives for clinical application at the levels of diagnosis, prevention and therapy. Studies based on model organisms are within the journal scope, provided results are demonstrably relevant to human disease

■ Publishes original research and reviews in molecular medicine of high interest to both medical and basic scientists

■ Owned and run by EMBO, published by Wiley-Blackwell

■ Scientific quality guaranteed by a professional in-house editorial team, a renowned group of senior editors and an international advisory board with a comprehensive set of expertise

■ Expedited and fair peer review

■ Rapid publication online and in print

■ Free institutional subscriptions for the first two years of publication. Authors can opt for Open Access.

▼ **2009 HIGHLIGHTS**

→ **Journal launch**

First issue published April 2009

→ **Over 12,000 unique visitors**

to journal website in first 6 months

→ **Reprint Collection published:**

*Celebrating Stem Cells*

→ **Journal indexed**

on PubMed and ISI/Thomson/Reuters

→ **International Press coverage**

Including *BBC*, *Science*, *Financial Times*, *The Times of India*

→ **Two “virtual issues” published on line**

on Neurodegeneration and Cancer

→ For a list of Advisory Editorial Board members, see page 81



**Sandra Caldeira**  
Editor



**Les Grivell**  
Associate Editor  
(until October 2009)

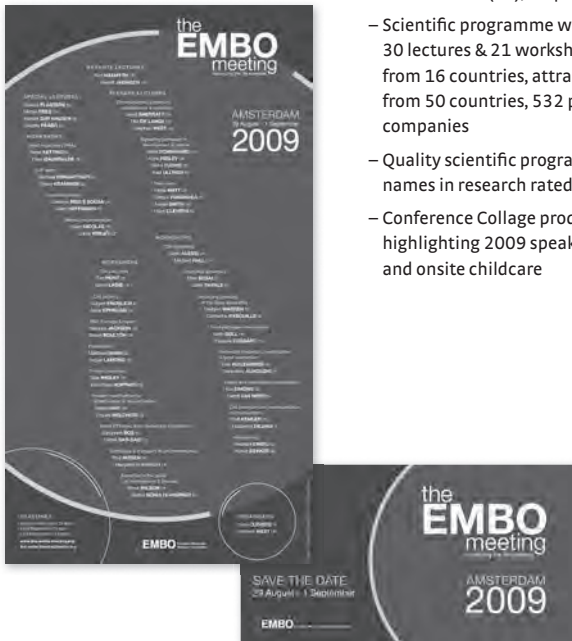


**Gerlinde Schuster**  
Editorial Assistant

advancing the life sciences

the  
**EMBO**  
meeting

**THE EMBO MEETING**  
is administered by the  
**Gesellschaft zur Förderung  
der Lebenswissenschaften  
Heidelberg GmbH**



▼ **2009 HIGHLIGHTS**

→ ***The EMBO Meeting 2009*** – Inaugural event  
**29 August – 1 September | Amsterdam  
The Netherlands**

- Organizers  
Hans Clevers (NL), Stephen West (UK)
- Scientific programme with more than  
30 lectures & 21 workshops with 148 speakers  
from 16 countries, attracting over 1370 attendees  
from 50 countries, 532 posters, and 48 exhibiting  
companies
- Quality scientific programme and access to top  
names in research rated highly by participants
- Conference Collage produced in print and online  
highlighting 2009 speakers, participants, exhibits  
and onsite childcare

→ ***The EMBO Meeting 2010***  
**4–7 September | Barcelona | Spain**

- Organizers  
Luis Serrano (ES), Denis Duboule (CH)
- Website designed & launched with online  
systems for registration & abstract submission

→ ***The EMBO Meeting 2011***  
**10–13 September | Vienna | Austria**

- Organizers  
Pascale Cossart (FR), Barry Dickson (AT)  
& Jane Langdale (UK)
- Website designed & launched with online  
system for submission of workshop proposals

→ **Gesellschaft zur Förderung der Lebens-  
wissenschaften Heidelberg GmbH (GFLW)**  
was founded in February 2009 by EMBO as  
an officially registered and recognized  
non-profit organization to administer  
*The EMBO Meeting*

→ For a list of *The EMBO Meeting* Committee members,  
see page 63



*The EMBO Meeting* is an annual conference that advances the life sciences through programmes reflecting the concepts and new developments of modern biological research. Open to the broad life science community, researchers from Europe and the world over come together each year to tell and to learn of new developments, to forge new collaborations and, ultimately, to leave motivated by new ideas. *The EMBO Meeting* takes up the tradition of annual EMBO Symposia in the 1970s and follows on from former ELSO meetings to provide an annual European life sciences forum for scientific exchange beyond field boundaries.



**Martin Cairns**  
Conference Officer

▼ **AT A GLANCE**

- Latest research and innovations across all disciplines on show in diverse programme
- Participant horizons expanded by special lectures from eminent speakers on a range of subjects from both within and outside the life sciences
- High-quality programme ensured by EMBO Member selection of topics and speakers
- Scientists at all levels learn career skills to achieve their potential through workshops and mentoring sessions
- Dialogue between scientists, policy makers and public about topical science & society issues
- Key event for early career scientists to learn from respected leaders
- Submitted abstracts selected for poster & oral presentations
- Focused research discussions at specialist sub-group meetings
- Sponsored symposia plus large exhibition area generate interest for industry and societies
- EMBO programmes and publications on display to broad life science community
- EMBO Gold Medal award ceremony
- Networking receptions for EMBO community
- Onsite childcare by qualified carers

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**Hermann Bujard**  
**Kerstin Hiestler**  
**Bernhard Huber**  
**Valeria Kaplan**  
**Yvonne Kaul**  
**Gerlind Wallon**

Gerlind Wallon  
Manager



EMBO assesses and acts upon imbalances in the scientific career path, with a focus on female scientists and researchers with young children. Monitoring of EMBO programmes ensures that the needs of all scientists are addressed, regardless of personal circumstances. EMBO aims to ensure family-friendly working conditions for all scientists.

#### ▼ AT A GLANCE

- Analysis of gender balance in EMBO activities and the life sciences generally
- Strategic measures to address imbalances and promote family-friendly conditions in research
- Annual studies and statistics on the participation of female scientists in EMBO programmes
- Collaboration with other scientific organizations such as the FEBS Women in Science working group
- Re-launch of the Women in Life Sciences database (WILS), an initiative of the former ELSO Career Development Committee, highlighting accomplished female scientists in Europe
- Targeted events such as sessions at *The EMBO Meeting* and the FEBS congress
- Special conditions for EMBO Fellows with children including paid parental leave, part-time working hours, possibility of child-care support and a waiver of the requirement to move country for restart candidates

- Extended eligibility period for female scientists with children applying to the Young Investigator Programme (see page 26)

#### ▼ 2009 HIGHLIGHTS

- **FEBS/EMBO Women in Science Award 2009**  
Anne Houdusse  
Paris | France
- **Joint FEBS/EMBO Women in Science session**  
titled: *Gender differences in communication and show(wo)manship*  
at *The EMBO Meeting*  
31 August 2009 | Amsterdam | The Netherlands
- **34th FEBS Congress**  
7 July 2009 | Prague | Czech Republic
  - Award ceremony for FEBS/EMBO Women in Science Award 2009
  - Session titled:  
*Why aren't more women in science?*
- For statistics on the participation of women in EMBO activities, see pages 144–149

The EMBO Gold Medal is awarded annually to a young life scientist for exceptional research carried out in Europe. Widely regarded as the most prestigious award of its kind, the prize highlights the standards being reached in molecular biology research by some of the very best young scientists in Europe.

The 2009 winner was *Olivier Voinnet*, from the CNRS Institute of Plant Molecular Biology in Strasbourg, France. Voinnet was honoured for his pioneering work on the mechanisms and roles of gene silencing *via* RNA in plants.

Olivier Voinnet received his award and presented a lecture on his research on 30 August 2009 at *The EMBO Meeting* in Amsterdam, The Netherlands.



**Olivier Voinnet**  
Gold Medal Winner 2009

#### Winners of the EMBO Gold Medal 1986–2009

1986 <b>John Tooze</b> Heidelberg, DE	1999 <b>Konrad Basler</b> Zurich, CH
1987 <b>Barbara Pearse</b> Cambridge, UK	2000 <b>Christof Niehrs</b> Heidelberg, DE
1988 <b>Antonio Lanzavecchia</b> Basel, CH	<b>Daniel St. Johnston</b> Cambridge, UK
1989 <b>Hugh Pelham</b> Cambridge, UK	2001 <b>Matthew Freeman</b> Cambridge, UK
1990 <b>Erwin Wagner</b> Vienna, AT	2002 <b>Amanda Fisher</b> London, UK
1991 <b>Patrick Stragier</b> Paris, FR	2003 <b>Anthony Hyman</b> Dresden, DE
1992 <b>Carl-Henrik Heldin</b> Uppsala, SE	2004 <b>María Blasco</b> Madrid, ES
1993 <b>Jim Smith</b> London, UK	2005 <b>Dario Alessi</b> Dundee, UK
1994 <b>Paolo Sassone-Corsi</b> Strasbourg, FR	2006 <b>Frank Uhlmann</b> London, UK
1995 <b>Richard Treisman</b> London, UK	2007 <b>Jan Löwe</b> Cambridge, UK
1996 <b>Enrico Coen</b> Norwich, UK	2008 <b>James Briscoe</b> London, UK
1997 <b>Dirk Görlich</b> Heidelberg, DE	2009 <b>Olivier Voinnet</b> Strasbourg, FR
1998 <b>Adriano Aguzzi</b> Zurich, CH	



Anne-Marie Glynn  
Manager

Anne Seller  
Administrator

Lynne Turnbull  
Administrator  
Online HelpDesk

Every year, EMBO sponsors plenary lectures by EMBO Members at major international scientific meetings. Plenary lectures raise awareness of EMBO activities, support EMBO Members in their collaborations with scientists from associated fields and promote European science worldwide. In 2009, EMBO sponsored 31 plenary lectures, 21 of these within EMBC Member States.

#### EMBO Plenary Lectures 2009: Geographical distribution

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##### In Europe (21 lectures)

Belgium (1)  
Croatia (1)  
Czech Republic (2)  
France (2)  
Germany (3)  
Greece (1)  
Ireland (1)  
Italy (4)  
Norway (1)  
Spain (1)  
Sweden (1)  
Switzerland (1)  
United Kingdom (2)

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##### Outside Europe (10 lectures)

Argentina (1)  
Australia (3)  
Canada (1)  
China (1)  
Cuba (1)  
Morocco (1)  
Singapore (1)  
United States of America (1)

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→ For a list of all 2009 plenary lectures,  
see pages 136–137

The EMBO Global Exchange Programme was established in October 2009 and builds upon the EMBO mission to recognize leading researchers, disseminate scientific information and foster talented scientists, offering new forums to establish long-lasting cooperation worldwide.

In the initial phase, life scientists in India, China, Taiwan and Africa can participate in the programme. Likewise, European researchers can benefit from more intense exchange with scientists in these emerging centres of

excellence. Scientists can apply to jointly organize of Global Exchange Lecture Courses and Lecture Series held in the participating countries or in Europe.



**Anne-Marie Glynn**  
Manager



**Gerlind Wallon**  
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**Anne Seller**  
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→ For a list of 2010 Global Exchange lecture courses and lecture series, see page 158

**Volker Wiersdorff**  
Head



**Kevin Fleming**  
Web & Database Developer



EMBO Information Support and Resources ensures the reliability, quality and security of EMBO data and computing resources. The team develops software tools to improve the efficiency of in-house workflows and facilitate information exchange between EMBO and its communities.

▼ **AT A GLANCE**

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- Support for desktop computing: standardization of hardware and software configurations; staff training
- Administration of internal file and database servers
- Administration of EMBO web servers
- Continued development of online application systems and information resources
- Provision of tools and data resources for the retrieval and statistical analysis of data collected through EMBO activities

▼ **2009 HIGHLIGHTS**

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- **EMBO membership elections**  
Ballot documents and supplementary online information on candidates
- **EMBO General Assembly**  
First online ballot on revision of EMBO Statutes
- **XML production process for the 2009 EMBO Membership List and Pocket Guide**  
1,356 Members presented by name, scientific area and country
- **EMBO Central: an integrated application and administration resource**  
Rollout of core system and subsystems for Long-Term Fellowships, Membership Elections, and Membership Administration

EMBO Public Relations & Communications promotes the organization and its role in the European research community and provides information to scientists, decision makers, the media and the general public. A number of targeted activities support an active communication channel between EMBO and its networks of members, young investigators and fellows.

#### ▼ AT A GLANCE

- Regular contact with the EMBO community, keeping scientists informed of developments at EMBO
- Interaction with the scientific community at major European meetings & career events
- Communication with the media, providing a trusted source of information on EMBO activities and the life sciences
- Up-to-date information on EMBO activities, the EMBO community and the life sciences through the EMBO website
- Support of web-based interaction and communication systems for EMBO programmes, EMBO Life Sciences Mobility Portal (see page 29), and EMBO fellowsNet (see page 24)
- *EMBOencounters* newsletter, featuring the latest news from EMBO and its scientific networks
- Logistics, promotion and public relations for *The EMBO Meeting* (see pages 40–41)
- Information and publicity material on EMBO activities
- Print and online advertising in major scientific publications e.g. *Nature*, *Science*

#### ▼ 2009 HIGHLIGHTS

- **Launch of redesigned EMBO website**
  - Homepage access to user-specific information; clear navigation to programme criteria; integration of redesigned websites for EMBO Life Sciences Mobility Portal and EMBO fellowsnet
  - Monthly visits double to reach 75,000 by December, with repeat visits increasing, driven by new design and increased inbound online marketing
- **Promotion of programmes & activities**
  - New flyers to promote EMBO Programmes
- **EMBOencounters**
  - Introduction of cover articles promoting topics of 10th EMBO | EMBL Science & Society Conference; three issues published; supplement *Conference Collage* highlighted *The EMBO Meeting 2009*
- **Media coverage in national & international news & life science media**
  - *Nature*, *Science*, *Science Careers*, *The Scientist*, *Lab Times*, *Le Figaro*, *Deutschlandfunk* (German Public Radio) & other key publications
- **Conference presence**
  - 34th FEBS Congress  
4–9 July | Prague | Czech Republic
  - World Conference of Science Journalists  
30 June – 4 July | London | United Kingdom
  - The Source Event  
4 December | Berlin | Germany



**Suzanne Beveridge**  
Head



**Martin Cairns**  
Conference Officer



**Laura Cortesi**  
Web Communications Administrator



**Yvonne Kaul**  
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**Sandra Krahl**  
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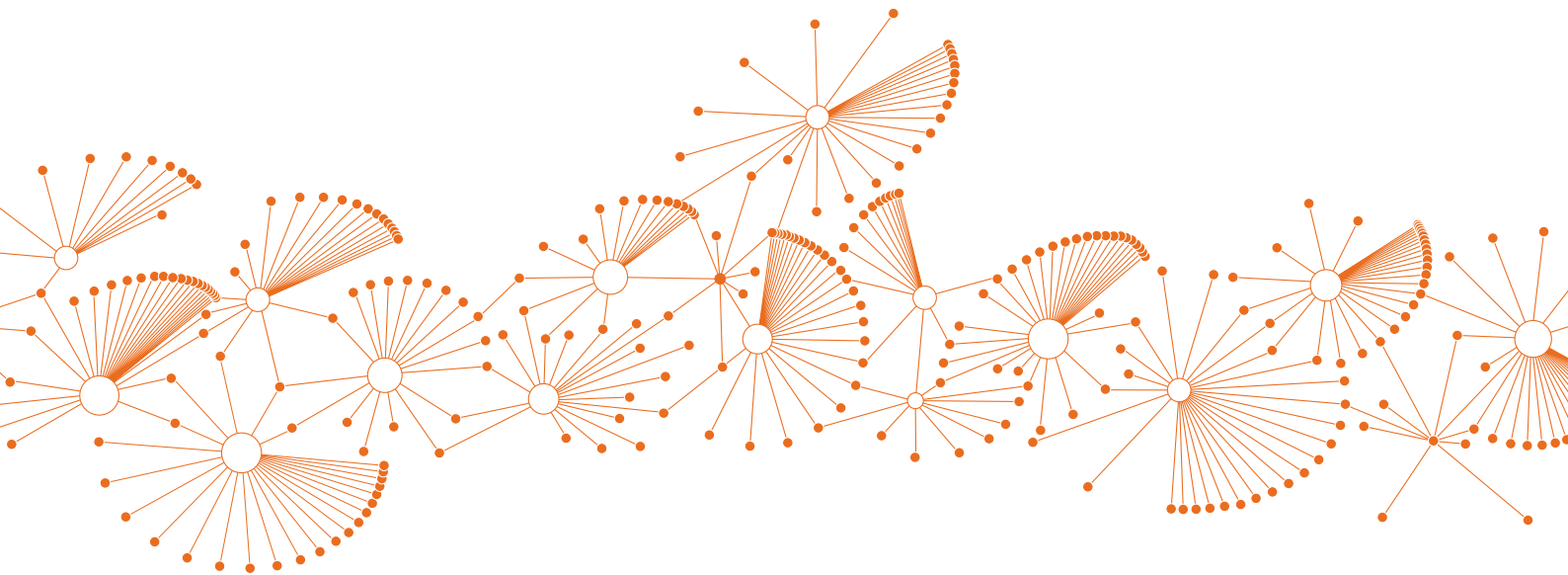


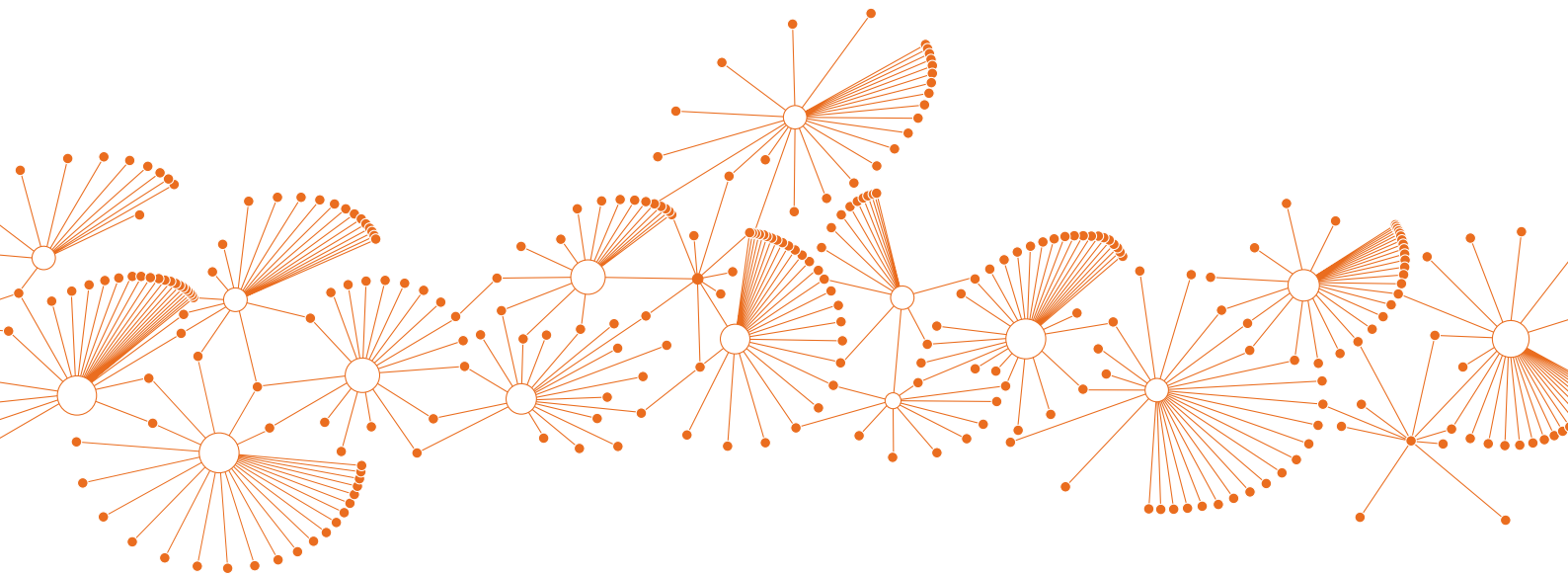
The European Life Sciences Forum (ELSF) is a platform of organizations representing the life sciences in Europe. Founded by EMBO, the Federation of European Biochemical Societies (FEBS), EMBL and the European Life Scientist Organisation (ELSO), ELSF aims to increase the impact of the research community in public and policy-making arenas. ELSF is also a founding member of the Initiative for Science in Europe (ISE) and coordinator of its activities.

▼ **AT A GLANCE**

- Analyses current issues in European science policy, coordinating campaigns on key topics such as research infrastructures and career development
- Monitors the activities of the European Research Council (ERC), structuring input from the scientific community
- Coordinates the input of the wider scientific community on crucial issues of European science policy via ISE
- Develops and maintains strong relationships with the European Commission and Parliament







**EMBO | EMBC** | **appendix**

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<b>Mr Tim Willis</b>	Biotechnology and Biological Sciences Research Council	North Star Avenue Polaris House Swindon SN2 1UH	T +44 1793 414651 F +44 1793 413203	tim.willis@bbsrc.ac.uk

## Contributions from EMBC Member States

Member State	2007–2009 %	2010 %
Austria	2.0697	1.9968
Belgium	2.5121	2.4887
Croatia	0.2604	0.2522
Czech Republic	0.6742	0.7364
Denmark	1.5666	1.6071
Estonia	0.0479	0.0956
Finland	1.2364	1.2761
France	14.9765	14.7473
Germany	19.7377	19.1223
Greece	1.5218	1.6906
Hungary	0.6953	0.6245
Iceland	0.0836	0.0917
Ireland	1.0787	1.1536
Israel	1.0005	0.9001
Italy	12.0193	11.6811
Luxembourg*		0.1610
Netherlands	4.3041	4.3286
Norway	1.8111	2.0221
Poland	1.8467	1.9331
Portugal	1.1105	1.1102
Slovak Republic*		0.1920
Slovenia	0.2176	0.2235
Spain	7.1822	7.3128
Sweden	2.4942	2.4917
Switzerland	2.8899	2.8105
Turkey	2.3655	2.8295
United Kingdom	16.2975	16.1207
<b>Total</b>	<b>100</b>	<b>100</b>

\* Luxembourg and the Slovak Republic  
joined the EMBC in 2007

EMBO Council members are elected for a three-year term of office and may be re-elected for one additional term of office.

## EMBO council members 2009

elected term(s) of office	name	country
2009–2011	Andrea Ballabio	IT–Naples
2005–2007, 2008–2010	Anton Berns ( <i>Vice-Chair</i> )	NL–Amsterdam
2008–2010	María Blasco	ES–Madrid
2009–2011	Patrick Charnay	FR–Paris
2008–2010	Carl-Henrik Heldin	SE–Uppsala
2007–2009	Ari Helenius	CH–Zurich
2004–2006, 2007–2009	Tim Hunt ( <i>Chair</i> )	UK–London
2009–2011	Maria Leptin	DE–Cologne
2005–2007, 2008–2010	Daniel Louvard	FR–Paris
2008–2010	Ferenc Nagy	HU–Szeged
2007–2009	Daniela Rhodes	UK–Cambridge
2006–2008, 2009–2011	Benny Shilo	IL–Rehovot
2006–2008, 2009–2011	David Shore	CH–Geneva
2004–2006, 2007–2009	Kai Simons	DE–Dresden
2004–2006, 2007–2009	Gunnar von Heijne	SE–Stockholm

*ex officio* council member

Hermann Bujard	EMBO Director
Christiane Nüsslein-Volhard	EMBO Secretary General

## observers

Krešimir Pavelić	EMBC Secretary General
Peter Weisbeek	EMBC President
Iain Mattaj	EMBL Director General
Paul Nurse	Chair, EMBL SAC
Ueli Aebi	Chair, EMBO Membership Committee
Pico Caroni	Chair, EMBO Course Committee
Michael Bevan	Chair, EMBO Young Investigator Committee
Anthony Pugsley	Chair, EMBO Fellowship Committee
Wendy Bickmore	Chair, EMBO Science & Society Committee
Helen Saibil	Chair, EMBO Publications Committee

## EMBO committee members 2009

**course committee**

2008 Karen Avraham  
 2006 Yehudit Bergman  
 2003 Pico Caroni (*Chair*)  
 2008 William Earnshaw  
 2007 Isabel Guerrero  
 2008 Gerd Jürgens  
 2008 Christoph Müller  
 2005 Anne Ridley  
 2005 Philippe Sansonetti  
 2009 Frank Uhlmann

**fellowship committee**

2008 József Burgyán  
 2008 Manuel Espinosa  
 2006 Marco Foiani  
 2008 Caroline Hill  
 2007 Roland Kanaar  
 2008 Dimitris Kioussis  
 2009 Rüdiger Klein  
 2005 Jürgen Knoblich  
 2008 Sergio Moreno  
 2004 Anthony Pugsley (*Chair*)  
 2008 Claude-Agnès Reynaud  
 2009 Ben Scheres  
 2006 Yosef Shiloh  
 2006 Irma Thesleff  
 2008 Anna Tramontano  
 2008 Alfonso Valencia  
 2008 Dale Wigley  
 2008 David Wilkinson

**membership committee**

2005 Ueli Aebi (*Chair*)  
 2009 Geneviève Almouzni  
 2009 Peer Bork  
 2008 József Burgyán  
 2009 Gerhard Christofori  
 2009 Elena Conti  
 2009 Anne Ephrussi  
 2006 Brigitte Gicquel  
 2009 Michel Goedert  
 2009 Cayetano Gonzalez  
 2009 Jules Hoffmann  
 2009 Reinhard Jahn  
 2006 George Kollias  
 2009 Jane Langdale  
 2009 David Sherratt  
 2009 Austin Smith  
 2008 Harald Stenmark  
 2007 Juan Valcárcel  
 2009 Michael Way  
 2009 Rolf Zinkernagel

**publications committee**

2007 Ruedi Aebersold  
 2009 Dario Alessi  
 2005 Gianni Cesareni  
 2008 Hans Clevers  
 2009 Ivan Đikić  
 2009 Nancy Hynes  
 2005 Angela Nieto  
 2006 Stephen Oliver  
 2007 Helen Saibil (*Chair*)

**science & society committee**

2005 Wendy Bickmore (*Chair*)  
 2007 Eric Karsenti  
 2008 Valerio Orlando  
 2006 Đurđica Ugarković

**young investigator committee**

2005 Michael Bevan (*Chair*)  
 2009 Andrea Brand  
 2009 Michael Brunner  
 2009 Maria De Sousa  
 2007 Manuel Espinosa  
 2007 Edith Heard  
 2007 Mehmet Öztürk  
 2008 Noel Lowndes  
 2008 Angel Nebreda  
 2008 Joel Sussman

**The EMBO Meeting committee**

2009 Adriano Aguzzi  
 2008 Hermann Bujard  
 2008 Pico Caroni  
 2009 Ueli Grossniklaus  
 2008 Tim Hunt  
 2009 Howy Jacobs  
 2009 Svante Pääbo  
 2008 Martin Raff  
 2008 Anne Ridley

**auditors (EMBO Members)**

Diter von Wettstein  
 Sean Munro

**internal auditor (EMBL)**

Berthold Koch

**external auditor**

Office of the Auditor General  
 of Norway

Per Anders Engeseth (*responsible*)

EMBO Council members are elected for a three-year term of office and may be re-elected for one additional term of office.

#### EMBO council members 2010

elected term(s) of office	name	country
2009–2011	Andrea Ballabio	IT–Naples
2008–2010	María Blasco	ES–Madrid
2009–2011	Patrick Charnay	FR–Paris
2010–2012	Pascale Cossart	FR–Paris
2008–2010	Carl-Henrik Heldin ( <i>Chair</i> )	SE–Uppsala
2007–2009, 2010–2012	Ari Helenius	CH–Zurich
2010–2012	Leszek Kaczmarek	PL–Warsaw
2005–2007, 2008–2010	Daniel Louvard	FR–Paris
2008–2010	Ferenc Nagy	HU–Szeged
2007–2009, 2010–2012	Daniela Rhodes	UK–Cambridge
2006–2008, 2009–2011	Benny Shilo	IL–Rehovot
2006–2008, 2009–2011	David Shore ( <i>Vice-Chair</i> )	CH–Geneva
2010–2011	Richard Treisman	UK–London
2010–2012	Detlef Weigel	DE–Tübingen
2010	Veronica van Heyningen	UK–Edinburgh

#### ex officio council members

Maria Leptin	EMBO Director
Anton Berns	EMBO Secretary General

#### observers

Toivo Maimets	EMBC President
Krešimir Pavelić	EMBC Secretary General
Iain Mattaj	EMBL Director General
David Sherratt	Chair, EMBO Membership Committee
Michael Bevan	Chair, EMBO Young Investigator Committee
Wendy Bickmore	Chair, EMBO Science & Society Committee
William Earnshaw	Chair, EMBO Course Committee
Jürgen Knoblich	Chair, EMBO Fellowship Committee
Benny Shilo	Chair, EMBO Global Exchange Committee
Roberto Di Lauro	Chair, EMBL SAC

## EMBO committee members &amp; auditors 2010

course committee

2010	Siv Andersson
2010	Silvia Arber
2008	Karen Avraham
2010	Jean Beggs
2010	Ana Cumano
2009	Maria Antonietta De Matteis
2008	William Earnshaw <i>(Chair)</i>
2007	Isabel Guerrero
2008	Gerd Jürgens
2008	Christoph Müller
2009	Frank Uhlmann

global exchange committee

2010	Margaret Buckingham
2010	Hermann Bujard
2010	Stewart Cole
2010	Bertrand Jordan
2010	Daniel Louvard
2010	Fulvio Mavilio
2010	Félix Rey
2010	Benny Shilo <i>(Chair)</i>
2010	Inder Verma
2010	Lothar Willmitzer

publications advisory board (as of April 2010)

The EMBO Publications Advisory Board replaces the former **publications committee**.

2009	Ivan Đikić	2010	Linda Miller
2010	Ernst Hafen	2005	Angela Nieto
2010	Reinhard Jahn	2007	Helen Saibil
2010	Richard Losick	2010	Alan Schafer
2010	Iain Mattaj	2010	Tadatsugu Taniguchi

fellowship committee

2010	Cecilia Maria Arraiano
2010	Yínon Ben-Neriah
2008	József Burgyán
2008	Manuel Espinosa
2006	Marco Foiani
2008	Caroline Hill
2007	Roland Kanaar
2008	Dimitris Kioussis
2009	Rüdiger Klein
2005	Jürgen Knoblich <i>(Chair)</i>
2008	Sergio Moreno
2008	Claude-Agnès Reynaud
2009	Ben Scheres
2009	Kirsten Skarstad
2006	Irma Thesleff
2008	Anna Tramontano
2008	Alfonso Valencia
2008	Dale Wigley
2008	David Wilkinson

membership committee

2009	Geneviève Almouzni
2009	Peer Bork
2008	József Burgyán
2009	Gerhard Christofori
2009	Anne Ephrussi
2009	Michel Goedert
2009	Cayetano Gonzalez
2009	Jules A. Hoffmann
2009	Reinhard Jahn
2010	Hans-Dieter Klenk
2009	Jane Langdale
2010	Poul Nissen
2010	Rino Rappuoli
2009	David Sherratt <i>(Chair)</i>
2009	Austin Smith
2008	Harald Stenmark
2007	Juan Valcárcel
2009	Michael Way
2009	Rolf Zinkernagel

science & society committee

2005	Wendy Bickmore <i>(Chair)</i>
2007	Eric Karsenti
2008	Valerio Orlando

young investigator committee

2005	Michael Bevan <i>(Chair)</i>
2009	Andrea Brand
2009	Michael Brunner
2009	Maria De Sousa
2007	Manuel Espinosa
2007	Edith Heard
2008	Noel Lowndes
2008	Angel Nebreda
2007	Mehmet Öztürk
2008	Joel Sussman

The EMBO Meeting committee

2009	Adriano Aguzzi
2010	William Earnshaw
2009	Ueli Grossniklaus
2010	Maria Leptin <i>(Chair)</i>
2010	Vivek Malhotra
2008	Martin Raff
2008	Anne Ridley
2009	Svante Pääbo

internal auditor (EMBL)

Berthold Koch

external auditor

Office of the Auditor General of Norway

Per Anders Engeseth *(responsible)*

EMBO audit

KPMG

Frédéric Allain



Institut for Molecular Biology  
and Biophysics  
ETH Zurich  
Switzerland

- NMR structure
- protein-RNA complexes
- splicing regulation
- RNA biology
- RNA editing

Gil Ast



Dept. of Human  
Molecular Genetics & Biochemistry  
Tel-Aviv University  
Sackler School of Medicine  
Israel

- alternative splicing
- genomics & transcriptomics
- molecular evolution
- nucleosome & epigenetics
- neurodegenerative diseases associated with mRNA splicing

Francis Barr



Cancer Research Centre  
University of Liverpool  
United Kingdom

- membrane traffic
- cytokinesis
- GTPases
- protein kinases
- phosphatases

Yann Barrandon



Laboratory of Stem Cell Dynamics  
& Experimental Surgery  
Hospital Center of the  
Vaudois University  
Swiss Federal Institute of Technology  
Lausanne, Switzerland

- epithelial stem cell
- niche
- reprogramming
- plasticity
- hair follicle

Françoise Barré-Sinoussi



Unit of Regulation of  
Retroviral Infections  
Pasteur Institute  
Paris, France

- HIV
- SIV
- models of protection
- immune correlates
- innate and adaptative immunity



**Facundo Batista**



Lymphocyte Interaction Laboratory  
Cancer Research UK  
London Research Institute  
United Kingdom

- imaging
- B lymphocytes
- signalling
- activation
- presentation

**Simon Boulton**



Cancer Research UK  
London Research Institute  
Clare Hall Laboratories  
South Mimms, Herts, United Kingdom

- DNA repair
- recombination
- checkpoints
- genome stability

**Søren Brunak**



Center for Biological Sequence Analysis  
Dept. of Systems Biology  
Technical University of Denmark  
Lyngby, Denmark

- bioinformatics
- systems biology
- medical informatics
- data integration
- disease etiology

**Julia P. Cooper**



Telomere Biology Laboratory  
Cancer Research UK  
London Research Institute  
United Kingdom

- telomeres
- DNA damage response
- fission yeast
- meiosis
- chromatin & nuclear organization

**Patrick Cramer**



Gene Center  
Dept. of Biochemistry  
Ludwig Maximilians University Munich  
Germany

- gene transcription
- RNA polymerase
- chromatin
- nuclear processes
- yeast

<p><b>Geneviève de Saint Basile</b></p>		<p>Necker Hospital for Sick Children Paris, France</p>	<ul style="list-style-type: none"> <li>→ cytotoxic activity</li> <li>→ exocytosis</li> <li>→ inherited immune disorder</li> <li>→ vesicle trafficking</li> <li>→ murine model of hemophagocytic syndrome</li> </ul>
<p><b>Liam Dolan</b></p>		<p>Dept. of Plant Sciences University of Oxford United Kingdom</p>	<ul style="list-style-type: none"> <li>→ cell differentiation</li> <li>→ evolution of development</li> <li>→ plants</li> <li>→ root hairs</li> <li>→ growth</li> </ul>
<p><b>Richard Durbin</b></p>		<p>Wellcome Trust Sanger Institute Cambridge, United Kingdom</p>	<ul style="list-style-type: none"> <li>→ genome</li> <li>→ bioinformatics</li> <li>→ sequence evolution</li> <li>→ genetic association</li> <li>→ human genetics</li> </ul>
<p><b>Martin Embley</b></p>		<p>Institute for Cell and Molecular Biosciences Newcastle University Newcastle upon Tyne, United Kingdom</p>	<ul style="list-style-type: none"> <li>→ evolution</li> <li>→ genomes</li> <li>→ mitochondria</li> <li>→ mitosomes</li> <li>→ hydrogenosomes</li> </ul>
<p><b>Tariq Enver</b></p>		<p>MRC Molecular Haematology Unit Weatherall Institute of Molecular Medicine John Radcliffe Hospital, Oxford, United Kingdom</p>	<ul style="list-style-type: none"> <li>→ stem cells</li> <li>→ leukaemia</li> <li>→ transcriptional regulation</li> <li>→ lineage commitment</li> <li>→ systems biology</li> </ul>

Elizabeth Fisher		Dept. of Neurodegenerative Disease University College London Institute of Neurology United Kingdom	<ul style="list-style-type: none"> <li>→ mouse</li> <li>→ neurodegeneration</li> <li>→ molecular genetics</li> <li>→ amyotrophic lateral sclerosis</li> <li>→ Down syndrome</li> </ul>
Jonathan Flint		Wellcome Trust Centre for Human Genetics University of Oxford United Kingdom	<ul style="list-style-type: none"> <li>→ behavior</li> <li>→ genetics</li> <li>→ mouse</li> <li>→ QTL</li> <li>→ mapping</li> </ul>
Margaret Frame		Edinburgh Cancer Research Centre Western General Hospital United Kingdom	<ul style="list-style-type: none"> <li>→ cancer biology</li> <li>→ disease modelling</li> <li>→ cell adhesions</li> <li>→ signalling</li> <li>→ imaging</li> </ul>
Marcos González-Gaitán		Dept. of Biochemistry University of Geneva Switzerland	<ul style="list-style-type: none"> <li>→ <i>Drosophila</i></li> <li>→ zebrafish</li> <li>→ morphogens</li> <li>→ biophysics</li> <li>→ endocytosis</li> </ul>
Iain Hagan		Paterson Institute for Cancer Research University of Manchester United Kingdom	<ul style="list-style-type: none"> <li>→ <i>S. pombe</i></li> <li>→ mitotic spindle</li> <li>→ centrosome</li> <li>→ mitotic commitment</li> <li>→ microtubule</li> </ul>

Nicholas P. Harberd



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- DELLAs
- plant growth regulation
- land plant evolution
- environmental adaptation
- genome evolution

Bassem Hassan



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VIB and KU Leuven  
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- neurobiology
- development
- genetics
- *Drosophila*

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Gene Regulation and Expression  
College of Life Sciences  
University of Dundee  
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- SUMO
- ubiquitin
- E3 ligase
- SUMO protease
- RNF4

Liisa Holm



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- Dali
- protein structure
- evolution
- gene set enrichment analysis
- sequence alignment

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- G protein-coupled receptors
- opiates
- pain
- addiction
- genes

Thomas Lecuit



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University of the Mediterranean  
France

- adhesion
- cytoskeleton
- polarity
- morphogenesis
- *Drosophila*

Ben Luisi



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University of Cambridge  
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- structure & function
- macromolecular assemblies
- X-ray crystallography
- molecular biophysics
- RNA turnover & processing

Vivek Malhotra



Center for Genomic Regulation  
Barcelona, Spain

- protein sorting
- membrane fission
- Golgi biogenesis

Richard Marais



Section of Cell and Molecular Biology  
Institute of Cancer Research  
Chester Beatty Laboratories  
London, United Kingdom

- cell signalling
- BRAF & RAS
- melanoma
- transgenic models
- translational research

Oscar Marín



Institute for Neurosciences Alicante  
Spanish National Research Council  
University of Alicante  
Spain

- cerebral cortex
- interneuron
- migration
- GABAergic circuits
- cell diversity

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Smurfit Institute of Genetics  
Trinity College  
Dublin, Ireland

- apoptosis
- caspases
- cytotoxic T cells
- granzymes
- cell death

Jane Mellor



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University of Oxford  
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- transcription
- chromatin
- signalling
- longevity
- *Saccharomyces cerevisiae*

Axel Meyer



Laboratory for Zoology and  
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Dept. of Biology  
University of Constance  
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- gene duplication
- genome evolution
- Hox genes
- molecular evolution
- origin of novel gene functions

Victor Muñoz



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CSIC  
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- protein folding & aggregation
- protein structure prediction & design
- single molecule methods
- ultrafast kinetics
- nuclear magnetic resonance

Andrea Musacchio



European Institute of Oncology  
Dept. of Experimental Oncology  
Milano, Italy

- chromosome segregation
- kinetochore
- centromere
- spindle assembly checkpoint
- X-ray crystallography

**James H. Naismith**



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Biomedical Sciences Research Complex  
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- membrane proteins
- enzyme mechanisms
- crystallography
- biological chemistry
- carbohydrates

**Anne O'Garra**



Division of Immunoregulation  
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Medical Research  
London, United Kingdom

- cytokines
- immune regulation
- pathogens
- PAMPs

**Stephen O'Rahilly**



Institute of Metabolic Science  
University of Cambridge  
Addenbrooke's Hospital  
United Kingdom

- obesity
- diabetes
- insulin resistance
- genetics
- endocrinology

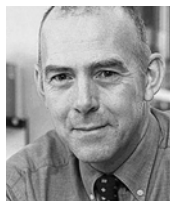
**Roger Patient**



MRC Molecular Haematology Unit  
Weatherall Institute of  
Molecular Medicine  
John Radcliffe Hospital  
Oxford, United Kingdom

- transcription networks
- embryonic signalling
- stem cells
- *Xenopus* and zebrafish
- blood & cardiovascular development

**David Porteous**



Medical Genetics Section  
University of Edinburgh  
Molecular Medicine Centre  
United Kingdom

- psychiatric genetics
- cystic fibrosis gene therapy
- public health genetics

Catherine Rabouille



Dept. of Cell Biology  
University Medical Center Utrecht  
The Netherlands

- *Drosophila*
- secretory pathway & transport
- epithelial cell polarity
- RNA localisation
- electron microscopy

Minoo Rassoulzadegan



Faculty of Sciences  
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University of Nice  
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- heredity
- epigenetics
- regulatory RNA
- mouse
- sperm

Jean-Marc Reichhart



Institute for  
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- innate immunity
- *Drosophila*
- Toll receptor
- proteolytic activation
- host-pathogen interaction

William Schafer



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- *C. elegans*
- sensory transduction
- behaviour
- neural circuits
- nociception

Dirk Schübeler



Friedrich Miescher Institute  
Basel, Switzerland

- chromatin
- DNA methylation
- DNA replication
- transcription
- epigenetics



**Stephen Smerdon**



Division of Molecular Structure  
National Institute for  
Medical Research  
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- DNA damage
- X-ray crystallography
- signal transduction
- phosphorylation
- macromolecular assemblies

**Christopher W.J. Smith**



Dept. of Biochemistry  
University of Cambridge  
United Kingdom

- alternative splicing
- pre-mRNA splicing
- RNA
- RNA binding proteins
- RNA processing
- nonsense mediated decay

**Anne Spang**



Focal Area Growth & Development  
Biozentrum  
University of Basel  
Switzerland

- intracellular transport
- polarity establishment & maintenance
- small G proteins
- protein & mRNA transport
- membrane dynamics

**Ernst H.K. Stelzer**



Cell Biology and Biophysics  
European Molecular  
Biology Laboratory  
Heidelberg, Germany

- fluorescence microscopy
- three-dimensional cell biology
- developmental biology
- organotypic tissues
- organ development

**Michael Stratton**



Wellcome Trust Sanger Institute  
Cambridge, United Kingdom

- cancer
- genomics
- genetics
- sequencing
- mutation

<p><b>Nektarios Tavernarakis</b></p>		<p>IMBB – FORTH Heraklion, Crete, Greece</p>	<ul style="list-style-type: none"> <li>→ ageing</li> <li>→ cell death</li> <li>→ cell metabolism</li> <li>→ neurodegeneration</li> <li>→ sensory transduction &amp; integration</li> </ul>
<p><b>Dan S. Tawfik</b></p>		<p>Dept. of Biological Chemistry Weizmann Institute of Science Rehovot, Israel</p>	<ul style="list-style-type: none"> <li>→ molecular evolution</li> <li>→ enzymology</li> <li>→ protein engineering</li> <li>→ <i>in vitro</i> evolution</li> <li>→ structural biology</li> </ul>
<p><b>Didier Trono</b></p>		<p>School of Life Sciences Swiss Federal Institute of Technology Lausanne, Switzerland</p>	<ul style="list-style-type: none"> <li>→ KRAB-ZFPs</li> <li>→ epigenetics</li> <li>→ retroelements</li> <li>→ transcription</li> <li>→ physiology</li> </ul>
<p><b>Gisou van der Goot</b></p>		<p>Global Health Institute Swiss Federal Institute of Technology Lausanne, Switzerland</p>	<ul style="list-style-type: none"> <li>→ toxins</li> <li>→ endocytosis</li> <li>→ membrane organization</li> <li>→ protein folding</li> <li>→ anthrax</li> </ul>
<p><b>Laura van 't Veer</b></p>		<p>Division of Experimental Therapy Netherlands Cancer Institute Amsterdam, Netherlands</p>	<ul style="list-style-type: none"> <li>→ hereditary breast cancer</li> <li>→ preventive &amp; therapeutic interventions</li> <li>→ genetic risk factors</li> <li>→ prognostic &amp; predictive factors in colorectal cancer</li> </ul>

**Pierre Vanderhaeghen**



Institute of  
Interdisciplinary Research in  
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Free University of Brussels  
Belgium

- cerebral cortex
- axon guidance
- stem cells
- neuronal differentiation
- brain evolution

**Dietmar Vestweber**



Max Planck Institute for  
Molecular Biomedicine  
Münster, Germany

- vascular permeability
- leukocyte trafficking
- endothelial cell contacts
- VE-cadherin
- cell adhesion

**Andrew P. Waters**



Glasgow Biomedical Research Centre  
University of Glasgow  
United Kingdom

- sexual development
- malaria
- *Plasmodium*
- (posttranscriptional) regulation of gene expression

**Robert J. White**



Beatson Institute for Cancer Research  
Glasgow, United Kingdom

- RNA polymerase III
- transcription
- cancer
- chromatin
- tRNA

**Marat Yusupov**



Institute of Genetics and  
Molecular and Cellular Biology  
(IGBMC)  
Illkirch, France

- ribosome
- translation
- tRNA
- mRNA
- crystallography

**Bruce Beutler**  
*Associate Member*



Dept. of Genetics  
The Scripps Research Institute  
La Jolla, United States

- innate immunity
- signaling
- genetics
- mouse
- mutagenesis

**Uta Francke**  
*Associate Member*



Dept. of Genetics  
Stanford University  
School of Medicine  
Palo Alto, United States

- microdeletions
- neurogenetic disorders
- mouse models
- snoRNA
- imprinting

**Fred H. Gage**  
*Associate Member*



Salk Institute for  
Biological Studies  
La Jolla, United States

- differentiation
- learning & memory
- neuroplasticity
- neurogenesis
- ageing

**Keiichi Namba**  
*Associate Member*



Graduate School of  
Frontier Biosciences  
Osaka University  
Japan

- bacterial flagella
- self-assembly
- motor protein
- electron cryomicroscopy
- X-ray diffraction

**Andreas Strasser**  
*Associate Member*



Walter and Eliza Hall Institute  
of Medical Research  
Parkville, Victoria, Australia

- cell death
- cancer
- Bcl-2 protein family
- lymphocyte development
- autoimmunity

**Masatoshi Takeichi**  
*Associate Member*



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- cell adhesion
- cadherin
- catenin
- cytoskeleton
- morphogenesis

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	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
<b>Austria</b>	<b>Blake,</b> Sophia	Austrian	Cancer Research UK, London Research Institute, UK	Max F. Perutz Laboratories, Vienna, Austria	Molecular dissection of Bmi1 and Fbw7 function in neural stem cells and brain tumour formation
	<b>Kurat,</b> Christoph Franz	Austrian	University of Toronto, Canada	Institute of Molecular Biosciences, Graz, Austria	Greasing the cell cycle: uncovering lipid- dependent checkpoints controlling cell cycle progression
	<b>Schwaiger,</b> Michaela	Austrian	University of Vienna, Austria	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Evolution of epigenetic marks in developmental gene regulatory networks
	<b>Wieser,</b> Stefan	Austrian	Marseille Luminy Immunology Centre, France	Institute for Biophysics, Linz, Austria	Addressing plasma membrane structure at the nanoscopic length scale
	<b>Winter,</b> Stefan	Austrian	Max Planck Institute of Biophysical Chemistry, Göttingen, Germany	University of Vienna, Austria	CDYL function in chromatin organization and formation of cell type specific heterochromatin
	<b>Bushati,</b> Natascha	Austrian	National Institute for Medical Research, London, UK	National Institute for Medical Research, London, UK	Systematic analysis and modeling of the gene regulatory network underlying neural tube patterning
	<b>Neumueller,</b> Ralph	Austrian	Harvard Medical School, Boston, USA	Institute of Molecular Biotechnology of the Austrian Academy of Sciences, Vienna, Austria	A systems biology approach to dissect the mechanisms regulating nucleolar function during development and tumourigenesis
	<b>Perlot,</b> Thomas	Austrian	Institute of Molecular Biotechnology of the Austrian Academy of Sciences, Vienna, Austria	Institute of Molecular Biotechnology of the Austrian Academy of Sciences, Vienna, Austria	Elucidation of the function of DDX3X in innate immunity
	<b>Schiller,</b> Herbert	Austrian	Max Planck Institute of Biochemistry, Martinsried, Germany	Max Planck Institute of Biochemistry, Martinsried, Germany	Specificity, cross-talk and cooperativity of the fibronectin-binding integrins $\alpha\beta3$ and $\alpha5\beta1$ in cellular signal transduction
	<b>Schraml,</b> Barbara	Austrian	Cancer Research UK, London Research Institute, UK	Washington University in St. Louis, USA	<i>In vivo</i> depletion of the CD8 $\alpha$ + dendritic cell lineage to define its role in priming the adaptive immune response
	<b>Stefan,</b> Melanie Isabelle	Austrian	California Institute of Technology, Pasadena, USA	European Molecular Biology Laboratory, Hinxton, UK	Experimental investigation and spatial stochastic modelling of CaMKII
	<b>Winkler,</b> Andreas	Austrian	Max Planck Institute of Medical Research, Heidelberg, Germany	Institute of Biochemistry, Graz, Germany	Structural and functional investigations on the light and oxygen responsive AppA/PpsR regulatory system
<b>Belgium</b>	<b>Buysse,</b> Karen	Belgian	Radboud University Nijmegen Medical Centre, The Netherlands	Chent University Hospital, Belgium	Identification of the genetic and functional basis of the $\alpha$ -dystro- glycanopathies
	<b>Thienpont,</b> Bernard	Belgian	The Babraham Institute, Cambridge, UK	Catholic University of Leuven, Belgium	A study of epigenetic alterations that result in cardiac hypertrophy

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
Belgium (cont.)	<b>Bossuyt,</b> Wouter	Belgian	M.D. Anderson Cancer Center, Houston, USA	Catholic University of Leuven, Belgium	Elucidating the signalling pathway that senses tissue damage and triggers regeneration
	<b>Creppe,</b> Catherine	Belgian	Institute of Predictive and Personalized Medicine of Cancer, Badalona, Spain	University of Liege, Belgium	A histone variant regulating cell fate
Czech Republic	<b>Hajdusek,</b> Ondrej	Czech	Institute for Molecular and Cell Biology, Strasbourg, France	Institute for Molecular and Cell Biology, Strasbourg, France	Molecular mechanisms of TEP1- dependent <i>Plasmodium</i> killing in the mosquito <i>Anopheles gambiae</i>
	<b>Varga,</b> Vladimir	Czech	Sir William Dunn School of Pathology, University of Oxford, UK	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Identification and characterization of the protein constituents of the flagella connector in <i>Trypanosoma brucei</i>
Finland	<b>Kaila,</b> Ville	Finnish	The National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, USA	University of Helsinki, Finland	Proton-coupled electron transfer in enzyme catalysis
	<b>Oksanen,</b> Esko	Finnish	European Molecular Biology Laboratory, Grenoble, France	Institute of Biotechnology, Helsinki, Finland	Detailed mechanism of aminoacyl tRNA synthetase editing by neutron crystallography
	<b>Pohjoismäki,</b> Jaakko L. O.	Finnish	Max Planck Institute of Heart and Lung Research, Bad Nauheim, Germany	University of Tampere, Finland	MtDNA recombination in mammalian heart muscle
	<b>Slotte,</b> Tanja	Finnish	Umeå University, Sweden	University of Toronto, Canada	Evolution of incipient sex chromosomes in <i>Populus</i>
France	<b>Amiel,</b> Aldine	French	Kewalo Marine Laboratory, Honolulu, USA	Developmental Biology Research – CNRS, Villefranche sur Mer, France	Inductive cell signaling and organizer development in spiralian early embryogenesis
	<b>Bertin,</b> Samuel	French	University of California San Diego, La Jolla, USA	French National Institute for Health and Medical Research, Nice, France	Role of Toll-like receptors induced autophagy in inflammatory bowel diseases and gastrointestinal cancers initiation
	<b>Blein,</b> Thomas	French	Albert Ludwigs University, Freiburg, Germany	French Institute for Agricultural Research, Versailles, France	3D and 4D analysis of the <i>Arabidopsis</i> root tip as a model to quantitative understanding of growth processes
	<b>Brochet,</b> Mathieu	French	Sanger Institute, Cambridge, UK	Sanger Institute, Cambridge, UK	Dissecting cGMP- and calcium-dependent signalling pathways that control gliding of a malaria zoite
	<b>Cavey,</b> Matthieu	French	New York University, USA	Developmental Biology Institute of Marseille, France	Identification of neural circuits mediating decision-making in <i>Drosophila</i> larvae
	<b>Gilleron,</b> Jerome	French	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Paris Descartes University, France	Ultrastructural analysis of endosomal Rab-domains

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
France (cont.)	<b>James,</b> Chloe	French	The Walter and Eliza Hall Institute, Parkville, Victoria, Australia	The Walter and Eliza Hall Institute, Parkville, Victoria, Australia	Role of Bcl-2 family proteins in megakaryocyte survival and platelet production
	<b>Lesterlin,</b> Christian	French	University of Oxford, UK	Centre of Molecular Genetics, Gif sur Yvette, France	Chromosome dynamics and homologous recombination
	<b>Ilense,</b> flora	French	Curie Institute, Paris, France	Curie Institute, Paris, France	Role of Src in tissue growth and morphogenesis
	<b>Milloz,</b> Josselin	French	Harvard University, Cambridge, USA	Jacques Monod Institute, Paris, France	Cell commitment: mechanisms and variability using yeast spore germination as a case study
	<b>Mouysset,</b> Julien	French	Swiss Federal Institute of Technology Zurich, Switzerland	Center for Molecular Neurobiology Hamburg, Germany	Function and regulation of CUL4-based ubiquitin-dependent processes for mitotic progression
	<b>Pontier,</b> Stephanie	French	Pasteur Institute, Paris, France	McGill University, Montreal, Canada	Understanding the molecular role of glycosphingolipids during early <i>Drosophila</i> development
	<b>Ribot,</b> Julie	French	Institute of Cell and Molecular Science, London, UK	Institute of Molecular Medicine, Lisbon, Portugal	Investigating the role of CD27 in regulatory T cell development and functions
	<b>Alabert,</b> Constance	French	BRIC, University of Copenhagen, Denmark	BRIC, University of Copenhagen, Denmark	Chromatin challenges during DNA replication
	<b>Attaiech,</b> Laetitia	French	Groningen Biomolecular Sciences and Biotechnology Institute (GBB), Haren, the Netherlands	Institute of Cell Biology and Genetics (IBCG), Toulouse, France	Replication stress and DNA damage control in <i>Streptococcus pneumoniae</i> : the role of DnaA
	<b>Baussand,</b> Julie	French	National Institute for Medical Research, London, UK	National Institute for Medical Research, London, UK	A comparative analysis of Rho-GTPase/ Effector flexibility to derive determinants of target specificity
	<b>Bertet,</b> Claire	French	New York University, USA	New York University, USA	Establishment of the color vision circuitry in <i>Drosophila</i>
	<b>Bocquet,</b> Nicolas	French	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Structural studies of the yeast topoisomeraseIII-RMI1-Sgs1 complex
	<b>Caillaud,</b> Marie-Cecile	French	John Innes Centre, Norwich, UK	University of Nice Sophia-Antipolis, France	Functional analysis of plant-pathogenic oomycete effectors and their targets inside plant cell
	<b>Comet,</b> Itys	French	BRIC, University of Copenhagen, Denmark	BRIC, University of Copenhagen, Denmark	Role of histone variants and histone tail modifications in Polycomb group protein recruitment and gene silencing in embryonic stem cells
	<b>Di Meglio,</b> Thomas	French	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Transcriptional regulation of cortico-ponto-cerebellar connectivity in the mouse brain

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
France (cont.)	<b>Dimitrov,</b> Ariane	French	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Role of the Golgi apparatus in mitosis and cell cycle progression
	<b>Ghavi-Helm,</b> Yad	French	European Molecular Biology Laboratory, Heidelberg, Germany	Institute of Biology Technologies-Saclay (IBITEC-S), Gif sur Yvette, France	Dissecting the role of transcriptional repression in developmental networks
	<b>Lebaron,</b> Simon	French	Wellcome Trust Centre for Cell Biology, University of Edinburgh, UK	Wellcome Trust Centre for Cell Biology, University of Edinburgh, UK	Ribosomal RNA maturation and translation initiation
	<b>Lebreton,</b> Gaëlle	French	Institute for Research in Biomedicine, Barcelona, Spain	Institute for Research in Biomedicine, Barcelona, Spain	Cytoskeleton and cell shape remodelling during migration and morphogenesis of <i>Drosophila</i> tracheal branches
	<b>Malivert,</b> Laurent	French	Cancer Research UK, London Research Institute, Potters Bar, UK	Necker Hospital, INSERM, Paris, France	Isolation and characterization of BRCA2-RAD51 complexes from human cells
	<b>Martin,</b> Nadine	French	Imperial College London, UK	Imperial College London, UK	Identification of genes controlling senescence in human epithelial cells: role in cancer
	<b>Mercier,</b> Romain	French	Institute for Cell & Molecular Biosciences, Newcastle University Medical School, UK	Centre of Molecular Genetics, Gif sur Yvette, France	Characterization of factors involved in proliferation of <i>Bacillus subtilis</i> L-forms
	<b>Ramialison,</b> Mirana	French	Victor Chang Cardiac Research Institute, Darlinghurst, Australia	Heidelberg University, Germany	Systems level modeling of the mammalian heart gene regulatory network during development and disease
	<b>Rohmer,</b> Thierry	French	European Molecular Biology Laboratory, Heidelberg, Germany	European Molecular Biology Laboratory, Heidelberg, Germany	NMR study of the structure and catalytic function of archaeal box C/D sRNP
	<b>Vannier,</b> Jean-Baptiste	French	Cancer Research UK, London Research Institute, Potters Bar, UK	Cancer Research UK, London Research Institute, Potters Bar, UK	Characterization of the role of RTE1 in genome stability
	<b>Vitre,</b> Benjamin	French	University of California San Diego, La Jolla, USA	University of California San Diego, La Jolla, USA	Investigating the contribution of centrosome amplification in tumorigenesis
Germany	<b>Bauer,</b> Martina	German	William Harvey Research Institute, Queen Mary University of London, UK	William Harvey Research Institute, Queen Mary University of London, UK	Regulation of expression and function of integrin $\alpha 6\beta 1$ during leukocyte migration
	<b>Beirowski,</b> Bogdan	German	Washington University in St. Louis, USA	Washington University in St. Louis, USA	Role of metabolic homeostasis in glial polarity, myelination and axonal integrity
	<b>Bieling,</b> Peter	German	University of California, San Francisco, USA	European Molecular Biology Laboratory, Heidelberg, Germany	Biochemical mechanisms underlying the force response of dendritic actin networks

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
Germany (cont.)	<b>Bodenmiller, Bernd</b>	German	Stanford University, School of Medicine, USA	Stanford University, School of Medicine, USA	Signalling networks of ovarian cancer metastases, stem cells and maturation phenotypes
	<b>Busch, Andreas</b>	German	Institute of Structural & Molecular Biology/ University of London, UK	Zaidin Experimental Station, Granada, Spain	Structural analysis of the novel hybrid CupB secretion system of <i>P. aeruginosa</i> PAO1
	<b>Degenhardt, Tatjana</b>	German	Massachusetts Institute of Technology, Cambridge, USA	Massachusetts Institute of Technology, Cambridge, USA	A systems biology approach to reveal Huntington's disease mechanisms
	<b>Farin, Henner</b>	German	Hubrecht Institute, Utrecht, The Netherlands	Institute of Molecular Biology, Hannover, Germany	Paneth cell-derived signals as intestinal stem cell (ISC) determinants
	<b>Gotthardt, Katja</b>	German	University of California, San Francisco, USA	Max Planck Institute of Molecular Physiology, Dortmund, Germany	<i>In vitro</i> and <i>in vivo</i> studies of the UPR sensor PERK
	<b>Hannich, Thomas</b>	German	University of Geneva, Geneva, Switzerland	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Ceramide functions in model organisms
	<b>Hilf, Ricarda</b>	German	Oregon Health & Science University, Portland, USA	University of Zurich, Switzerland	Structural and functional studies of an NMDA receptor
	<b>Hoyer, Susanne</b>	German	University College London, UK	RIKEN Brain Science Institute, Hirosawa, Japan	Role of cadherin-11 in the formation and maintenance of inhibitory synapses
	<b>Jung, Peter</b>	German	Institute for Research in Biomedicine, Barcelona, Spain	Institute for Research in Biomedicine, Barcelona, Spain	Intestinal stem cells and their role in colorectal cancer disease
	<b>Klemm, Robin</b>	German	Harvard Medical School, Boston, USA	Harvard Medical School, Boston, USA	Reconstitution of the tubular ER network <i>in vitro</i>
	<b>Klinge, Sebastian</b>	German	Swiss Federal Institute of Technology Zurich, Switzerland	Swiss Federal Institute of Technology Zurich, Switzerland	Structural studies of the eukaryotic 60S ribosomal subunit in complex with eIF6
	<b>Maurer, Sebastian</b>	German	European Molecular Biology Laboratory, Heidelberg, Germany	European Molecular Biology Laboratory, Heidelberg, Germany	Structural and kinetic basis of evolutionary conserved and divergent microtubule plus end tracking mechanisms
	<b>Pfeffer, Carsten</b>	German	University of California San Diego, La Jolla, USA	Max Delbrück Center for Molecular Medicine, Berlin, Germany	Functional role of GABAergic inhibition onto GABAergic interneurons
	<b>Ressl, Susanne</b>	German	Stanford University, School of Medicine, USA	Max Planck Institute of Biophysics, Frankfurt a.M., Germany	Super-resolution photoactivated localization microscopy (PALM) and X-ray crystallographic studies of synaptic adhesion proteins
<b>Riemer, Jan</b>	German	University of Kaiserslautern, Germany	University of Kaiserslautern, Germany	Redox regulation in the intermembrane space (IMS) of mitochondria	

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
Germany (cont.)	<b>Rintisch,</b> Carola	German	Max Delbrück Center for Molecular Medicine, Berlin, Germany	Max Delbrück Center for Molecular Medicine, Berlin, Germany	Integrated genomic and epigenomic approaches to understand global gene expression
	<b>Röther,</b> Susanne	German	University of Regensburg, Germany	Max Planck Institute of Biochemistry, Martinsried, Germany	Non-coding RNAs as precursors for novel classes of functional small RNAs
	<b>Siegel,</b> Tim Nicolai	German	Pasteur Institute, Paris, France	The Rockefeller University, New York, USA	Identification and characterization of non-protein-coding RNAs involved in regulating gene expression in the human- infective malaria parasite, <i>Plasmodium falciparum</i>
	<b>Sieger,</b> Dirk	German	European Molecular Biology Laboratory, Heidelberg, Germany	European Molecular Biology Laboratory, Heidelberg, Germany	Collective responses of microglia to cell death signals in the zebrafish brain
	<b>Stielow,</b> Bastian	German	Erasmus University Medical Center, Rotterdam, The Netherlands	Institute of Molecular Biology and Tumor Research, Marburg, Germany	Targeting mechanisms of mammalian Polycomb group complexes
	<b>Utz,</b> Nadine Simone	German	Institute for Research in Biomedicine, Barcelona, Spain	University of Barcelona, Spain	KinoMoDEL: molecular dynamics extended library for kinases
	<b>Vanselow,</b> Jens	German	University of Southern Denmark, Odense, Denmark	University of Southern Denmark, Odense, Denmark	Systematic characterization of the differential contribution of EGFR and HER2 to the dynamics of EGF signaling networks in cancer cells
	<b>Albert,</b> Mareike	German	BRIC, University of Copenhagen, Denmark	BRIC, University of Copenhagen, Denmark	Characterization of epigenetic regulators and transcription factors that function in glioblastoma
	<b>Groß,</b> Olaf	German	University of Lausanne, Switzerland	University of Lausanne, Switzerland	Role of Syk-mediated signal transduction in inflammasome activation
	<b>Grossmann,</b> Guido	German	Carnegie Institution for Science, Stanford, USA	University of Regensburg, Germany	Structure and function of subcompartments in plant plasma membranes
	<b>Nowack,</b> Moritz	German	Flanders Institute for Biotechnology, Ghent, Belgium	University of Cologne, Germany	Dying for life-dissecting molecular networks controlling cell death during endosperm development in flowering plants
	<b>Pauli,</b> Andrea	German	Harvard University, Cambridge, USA	University of Oxford, UK	Role of non-coding RNAs in zebrafish embryogenesis
	<b>Rademacher,</b> Christoph	German	The Scripps Research Institute, La Jolla, USA	University of Lübeck, Germany	Relationship between microdomain localization and phosphorylation in CD22 regulation of B cell signaling
<b>Reichardt,</b> Ilka	German	Institute of Molecular Biotechnology of the Austrian Academy of Sciences, Vienna, Austria	Center for Plant Molecular Biology, Tübingen, Germany	Characterization of <i>Drosophila</i> larval neural stem cell lineages using long-term live cell imaging	

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
Germany (cont.)	<b>Stricker,</b> Stefan, Heinrich	German	Wellcome Trust Centre for Stem Cell Research, University of Cambridge, UK	Wellcome Trust Centre for Stem Cell Research, University of Cambridge, UK	Epigenetic reprogramming of glioma stem cells
	<b>Vetel,</b> Stefan	German	VTT Medical Biotechnology, Turku, Finland	Max Planck Institute of Molecular Physiology, Dortmund, Germany	New insights into the regulation of the cell adhesion molecule integrin and cancer biology
	<b>Weisswange,</b> Ina	German	Heidelberg University, Germany	Cancer Research UK, London Research Institute, UK	Signalling pathways required for cell migration events during eye field convergence and evagination in Medaka and zebrafish
Greece	<b>Apostolou,</b> Eftychia	Greek	Biological and Biomedical Sciences, Boston, USA	Institute of Molecular Biology, Genetics and Biotechnology, Athens, Greece	Differentiation hierarchy and reprogramming potential in hematopoietic cells
	<b>Tatarakis,</b> Antonis	Greek	Harvard Medical School, Boston, USA	University of Crete & Institute of Molecular Biology and Genetics, Heraklion, Greece	Understanding the role of antisense transcription in RNAi-mediated heterochromatin formation
	<b>Tolia,</b> Alexandra	Greek	University of California, San Francisco, USA	VIB Vesalius Research Center, Leuven, Belgium	Structure-function analysis of the dynamic interactions between the voltage-gated calcium channel 1 subunit (Cav $\alpha$ 1), Cav $\beta$ and Calmodulin
	<b>Androulidaki,</b> Ariadne	Greek	Institute for Genetics of the University of Cologne, Germany	Institute for Genetics of the University of Cologne, Germany	Cell specific role of TLR signaling and tolerance induction in pathogenesis of autoimmunity in type 1 diabetes (T1D)
Hungary	<b>Gaspar,</b> Imre	Hungarian	European Molecular Biology Laboratory, Heidelberg, Germany	European Molecular Biology Laboratory, Heidelberg, Germany	Mechanisms and regulation of RNP motility: <i>in vivo</i> and <i>ex vivo</i> analysis of oskar mRNA transport
	<b>Hajdu,</b> Ildiko	Hungarian	Harvard Medical School, Boston, USA	Institute of Genetics, Szeged, Hungary	System-level understanding of the regulation of hTERT expression
Israel	<b>Blum,</b> Barak	Israeli	Harvard University, Cambridge, USA	The Hebrew University of Jerusalem, Israel	Analysis of $\beta$ -cell regeneration in mice using direct cell cycle visualization
	<b>Jacobson,</b> Gilad	Israeli	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	The Hebrew University of Jerusalem, Israel	Organization, plasticity and perceptual functions of a higher forebrain circuit
	<b>Kashtan,</b> Nadav	Israeli	Massachusetts Institute of Technology, Cambridge, USA	Weizmann Institute of Science, Rehovot, Israel	Biological design principles of microbial communities in the ocean
	<b>Kaufman,</b> Yotam	Israeli	Montpellier Institute of Molecular Genetics, France	The Hebrew University of Jerusalem, Israel	Histone arginine methylation in imprinting establishment and maintenance
	<b>Kopito,</b> Ronen	Israeli	Brandeis University, Waltham, USA	Brandeis University, Waltham, USA	Generation of integrative behavior within an individual neural circuit in <i>C. elegans</i>



	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
Israel (cont.)	<b>Moran,</b> Yehu	Israeli	University of California, Berkeley, USA	Tel Aviv University, Israel	Characterization of the effects of the mitochondrial sirtuin SIRT3 on the survival and proliferation of hematopoietic stem cells
	<b>Itzkovitz,</b> Shalev	Israeli	Massachusetts Institute of Technology, Cambridge, USA	Weizmann Institute of Science, Rehovot, Israel	Characterizing the dynamics of normal and neoplastic epithelia using single cell gene expression
	<b>Karniely,</b> Sharon	Israeli	University of Cambridge, UK	The Hebrew University of Jerusalem, Israel	Characterizing mitochondria-associated anti-apoptotic factors encoded by the human cytomegalovirus
	<b>Listovsky,</b> Tamar	Israeli	MRC Laboratory of Molecular Biology, Cambridge, UK	MRC Laboratory of Molecular Biology, Cambridge, UK	Defining Rev7/MAD2B function in DNA damage and cell cycle control
	<b>Moran,</b> Yehu	Israeli	University of Vienna, Austria	Tel Aviv University, Israel	Functional study of MicroRNAs in the starlet sea anemone <i>Nematostella vectensis</i> (Cnidaria; Anthozoa)
	<b>Parnas,</b> Moshe	Israeli	University of Oxford, UK	The Hebrew University of Jerusalem, Israel	Gain control by excitatory local neurons in olfactory sensory processing
	<b>Polak,</b> Pazit	Israeli	Beth Israel Deaconess Medical Center, Boston, USA	Beth Israel Deaconess Medical Center, Boston, USA	Investigation of the mechanisms by which elevated retinol binding protein 4 causes insulin resistance
	<b>Ram,</b> Oren	Israeli	Massachusetts General Hospital and Harvard Medical School, Boston, USA	Tel Aviv University, Israel	Pursuing the role of non coding RNA in recruiting the human TrxG/PcG proteins
	<b>Shalgi,</b> Reut	Israeli	Massachusetts Institute of Technology, Cambridge, USA	Weizmann Institute of Science, Rehovot, Israel	Post-transcriptional diversity in mammalian cells during stress – potential source for evolvability and cancer evolution
	<b>Stern-Ginossar,</b> Noam	Israeli	University of California, San Francisco, USA	The Hebrew University of Jerusalem, Israel	Elucidating protein translation mechanisms in virally infected cells by using ribosome profiling
<b>Ulitsky,</b> Igor	Israeli	Whitehead Institute, Cambridge, USA	Tel Aviv University, Israel	Comprehensive characterization of microRNA binding preferences	
Italy	<b>Cantone,</b> Irene	Italian	Imperial College London, UK	Imperial College London, UK	Investigating chromatin dynamics during reprogramming of human lymphocytes towards pluripotency
	<b>Cordero,</b> Julia	Italian	The Beatson Institute for Cancer Research, Glasgow, UK	The Beatson Institute for Cancer Research, Glasgow, UK	Defining the role of APC and Wnt signalling in intestinal homeostasis and transformation
	<b>Di Micco,</b> Raffaella	Italian	New York University Langone Medical Center, USA	FIRC Institute of Molecular Oncology, Milano, Italy	Impact of miRNAs in melanocyte differentiation during melanoma pathogenesis
	<b>Francavilla,</b> Chiara	Italian	CPR, University of Copenhagen, Denmark	FIRC Institute of Molecular Oncology, Milano, Italy	Proteomic analysis of signaling induced by receptor tyrosine kinase endocytosis

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
Italy (cont.)	<b>Gargiulo,</b> Gaetano	Italian	Netherlands Cancer Institute, Amsterdam, The Netherlands	European Institute of Oncology, Milan, Italy	Functional genetic characterization of a mouse model of Glioma
	<b>Iovino,</b> Nicola	Italian	Institute of Human Genetics, Montpellier, France	Ludwig Maximilian University, Munich, Germany	Role of polycomb group proteins in <i>Drosophila</i> germline stem cells
	<b>Zanetti,</b> Giulia	Italian	University of California, Berkeley, USA	University of Oxford, UK	Role of Sec24 in SREBP transport and cholesterol regulation
	<b>De Angeli,</b> Alexis	Italian	University of Zurich, Switzerland	Italian National Research Council, Genova, Italy	Understanding the biophysical properties of plant malate transporters in <i>Arabidopsis thaliana</i>
	<b>Dello Iorio,</b> Raffaele	Italian	University of Oxford, UK	University of Rome, Italy	Exploiting the <i>Arabidopsis thaliana</i> relative <i>Cardamine hirsuta</i> for understanding dissected leaf development
	<b>Gandin,</b> Valentina	Italian	McGill University, Montreal, Canada	McGill University, Montreal, Canada	Mechanism of microRNA action in translation and mRNA decay
	<b>Guffanti,</b> Elisa	Italian	University of Geneva, Switzerland	University of Geneva, Switzerland	Role of antisense RNAs in epigenetic modifications and gene silencing in the yeast <i>S. cerevisiae</i>
	<b>Martino,</b> Fabrizio	Italian	MRC Laboratory of Molecular Biology, Cambridge, UK	MRC Laboratory of Molecular Biology, Cambridge, UK	Structural studies on MSL1-MSL3-MOF dosage compensation complex bound to nucleosomes
	<b>Napoli,</b> Ilaria	Italian	University College London, UK	University College London, UK	Role of Sema4F in the peripheral nervous system
	<b>Ragni,</b> Laura	Italian	University of Lausanne, Switzerland	University of Lausanne, Switzerland	Brevis radix, brevis shoot?! Unravelling the role of the BRX family genes in shoot development
<b>Tiberi,</b> Luca	Italian	Free University of Brussels, Belgium	Free University of Brussels, Belgium	Studying of the mechanisms controlling temporal neurogenesis with an embryonic stem cell based model	
<b>Tripodi,</b> Marco	Italian	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Molecular mechanisms of the assembly of the pre-motor interneuron network in mice	
The Netherlands	<b>Abeln,</b> Sanne	Dutch	University of Cambridge, UK	Institute for Atomic and Molecular Physics, Amsterdam, The Netherlands	Structural and dynamical properties of neurodegenerative disease causing oligomers: a computational multi-scale approach intertwined with experimental input
	<b>Bussmann,</b> Jeroen	Dutch	Max Planck Institut of Molecular Biomedicine, Munster, Germany	Hubrecht Institute, Utrecht, The Netherlands	Role of shear forces in patterning the vascular system
	<b>Dinant,</b> Christoffel	Dutch	Institute of Cancer Biology, Copenhagen, Denmark	Institute of Cancer Biology, Copenhagen, Denmark	Role of regulatory ubiquitination in the dynamic crosstalk between the chromatin-mediated DNA damage signalling and the Fanconi anemia pathway of DNA Repair

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
<b>The Netherlands</b> (cont.)	<b>Fojjer,</b> Floris	Dutch	Wellcome Trust Sanger Institute, Hinxton, UK	Harvard Medical School, Boston, USA	Novel tools to identify and visualize events that provoke chromosomal instability
	<b>Houwing,</b> Saskia	Dutch	Skirball Institute of Biomolecular Medicine, New York, USA	Hubrecht Institute, Utrecht, the Netherlands	Activation of transcription during germline specification in <i>Drosophila</i>
	<b>Knoops,</b> Kévin	Dutch	European Molecular Biology Laboratory, Grenoble, France	Leiden University Medical Center, The Netherlands	Architecture of the SecYEG-DF-YidC protein translocation machinery
	<b>Laan,</b> Liedewij	Dutch	Harvard University, Cambridge, USA	Institute for Atomic and Molecular Physics, Amsterdam, The Netherlands	How adaptable are polarization machines?
	<b>Lagarou,</b> Anna	Dutch	Institute of Molecular Biology & Genetics, Vari, Greece	Erasmus University Medical Center, Rotterdam, The Netherlands	Proteomic and functional analysis of histone modifying complexes
	<b>Luijsterburg,</b> Martijn	Dutch	Karolinska Institute, Stockholm, Sweden	Karolinska Institute, Stockholm, Sweden	Ubiquitin-dependent chromatin remodeling and its role in the DNA damage response
	<b>van Werven,</b> Folkert	Dutch	Massachusetts Institute of Technology, Cambridge, USA	University Medical Center Utrecht, The Netherlands	Molecular analysis of ageing effects on meiosis
	<b>Vernes,</b> Sonja	Dutch	Research Institute of Molecular Pathology, Vienna, Austria	Research Institute of Molecular Pathology, Vienna, Austria	Transcriptional regulation of male courtship behaviour: understanding fruitless molecular networks
<b>Norway</b>	<b>Skånland,</b> Sigrid	Norwegian	Goethe University Medical School, Frankfurt a.M., Germany	Institute for Cancer Research, Oslo, Norway	Role of linear ubiquitin in the NF- $\kappa$ B pathway
<b>Poland</b>	<b>Grzechnik,</b> Pawel	Polish	Sir William Dunn School of Pathology, University of Oxford, UK	Institute of Genetics and Biotechnology, Warsaw, Poland	Mechanism of Nrd1-dependent transcription termination in yeast and analysis of a homologous pathway in human
	<b>Keller,</b> Anna Magdalena	Polish	Cancer Research UK, London Research Institute, UK	Cancer Research UK, London Research Institute, UK	Cell biology of processing and presentation of antigens derived from necrotic cells by CD8 $\alpha$ + dendritic cells
	<b>Latos,</b> Paulina Anna	Polish	Wellcome Trust Centre for Stem Cell Research, University of Cambridge, UK	Wellcome Trust Centre for Stem Cell Research, University of Cambridge, UK	Investigation of the NuRD complex function in genomic imprinting
	<b>Budzowska,</b> Magdalena	Polish	Harvard Medical School, Boston, USA	Harvard Medical School, Boston, USA	Analysis of the translesion synthesis reaction at a site-specific lesion
	<b>Kosinski,</b> Jan	Polish	University of Rome, Italy	International Institute of Molecular and Cell Biology, Warsaw, Poland	Functional assignment of proteins by an integrated computational approach
	<b>Krajewski,</b> Wojciech	Polish	Cancer Research UK, London Research Institute, Potters Bar, UK	Cancer Research UK, London Research Institute, Potters Bar, UK	Molecular aspects of regulation of RecBCD/AddAB complexes by Chi sequences

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
Poland (cont.)	<b>Szymanski,</b> Jedrzej	Polish	European Molecular Biology Laboratory, Heidelberg, Germany	German Cancer Research Center, Heidelberg, Germany	Probing conformational dynamics of the intrinsically disordered protein nucleoporin Nup98 during transport and transcription
	<b>Wegrzyn,</b> Joanna	Polish	University of British Columbia, Vancouver, Canada	University of British Columbia, Vancouver, Canada	Generation of a mouse model for myelodysplastic syndromes
	<b>Wilczynska,</b> Katarzyna	Polish	Gurdon Institute, Cambridge, UK	Gurdon Institute, Cambridge, UK	Molecular mechanism of post- transcriptional regulation of pluripotency
Portugal	<b>Barros,</b> Tiago	Portuguese	University of California at Berkeley, USA	Max Planck Institute of Biophysics, Frankfurt a.M., Germany	Structural analysis of the <i>Escherichia coli</i> polymerase III holoenzyme
	<b>Barulho Rebocho,</b> Alexandra	Portuguese	John Innes Centre, Norwich, UK	Free University of Amsterdam, Netherlands	Characterization of RADIALIS function and isolation of dorsoventral identity target genes in zygomorphic flowers of <i>Antirrhinum</i>
	<b>Brito,</b> Daniela	Portuguese	Gulbenkian Institute of Science, Oeiras, Portugal	Wadsworth Center, Albany, USA	Control of centrosome number through regulation of PLK4
	<b>Homem,</b> Catarina	Portuguese	Institute of Molecular Biotechnology of the Austrian Academy of Sciences, Vienna, Austria	University North Carolina at Chapel Hill, USA	Identification of new factors required for neuroblast self-renewal
	<b>Luis,</b> Vanessa	Portuguese	Institute of Molecular Medicine, Lisbon, Portugal	Institute of Molecular Medicine, Lisbon, Portugal	Host response mechanisms to malaria liver infection: role of ubiquitin- proteasome pathway during <i>Plasmodium</i> intra-hepatic development
	<b>Martins de Brito,</b> Olga	Portuguese	Cancer Research UK, London Research Institute, UK	Cancer Research UK, London Research Institute, UK	Role of Rab7 in axonal retrograde transport and human pathologies
	<b>Geraldo,</b> Sara	Portuguese	Curie Institute, Paris, France	MRC Centre for Developmental Neurobiology, King's College London, UK	Role of fascin in cell migration and invasion during colon cancer metastases
	<b>Mancio-Silva,</b> Liliana	Portuguese	Institute of Molecular Medicine, Lisbon, Portugal	Pasteur Institute, Paris, France	Cerebral malaria protection through a cholesterol-rich diet
	<b>Marques,</b> Joana	Portuguese	The Babraham Institute, Cambridge, UK	The Babraham Institute, Cambridge, UK	Functional testing of epigenetic reprogramming factors associated with pluripotency
	<b>Matos,</b> Joao	Portuguese	Cancer Research UK, London Research Institute, Potters Bar, UK	Cancer Research UK, London Research Institute, Potters Bar, UK	Regulation of GEN1-mediated Holliday junction resolution in homologous recombination and DNA repair
<b>Montenegro Gouveia,</b> Susana	Portuguese	Gulbenkian Institute of Science, Oeiras, Portugal	Erasmus University Medical Center, Rotterdam, The Netherlands	Role of microtubule regulators in centriole biogenesis and length control	

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
<b>Portugal</b> (cont.)	<b>Rodrigues,</b> Tiago	Portuguese	Cancer Research UK, Cambridge Research Institute, UK	Alberto Sols Biomedical Research Institute, Madrid, Spain	New imaging methods for detecting treatment response in lymphoma
<b>Spain</b>	<b>Aguilar Arnal,</b> Lorena	Spanish	University of California, Irvine, USA	Institute of Molecular Biology of Barcelona, Spain	Characterization of the mechanisms involved in the maintenance of the H3K4 methylation pattern that contribute to the correct function of the mammalian circadian clock
	<b>Carvajal Gonzalez,</b> Jose Maria	Spanish	Weill Medical College of Cornell University, New York, USA	Weill Medical College of Cornell University, New York, USA	Regulation of epithelial polarity by clathrin adaptors
	<b>del Peso Santos,</b> Maria Teresa	Spanish	Umeå University, Sweden	Umeå University, Sweden	Novel regulatory mechanism of an unusual sigma70 dependent promoter
	<b>Gonzalez,</b> Maria Inmaculada	Spanish	MRC Centre for Synaptic Plasticity, Bristol, UK	Severo Ochoa Centre for Molecular Biology, Madrid, Spain	Mechanisms controlling the number and location of synaptics AMPARs
	<b>Jimenez,</b> Sonia	Spanish	Langome Medical Center, New York University, USA	Spanish National Biotechnology Centre, Madrid, Spain	Regulatory T cells isolation and characterization to determine their role in regulating HIV at various stages of infection
	<b>Macias,</b> Sara	Spanish	Medical Research Council, Edinburgh, UK	Medical Research Council, Edinburgh, UK	Post-transcriptional regulation of miRNA expression
	<b>Marino,</b> Guillermo	Spanish	Institute Gustave Roussy, Villejuif, France	University of Oviedo, Spain	Autophagy and p53, a search for molecular connections among autophagy, p53, cancer and ageing
	<b>Moldon,</b> Alberto	Spanish	Albert Einstein College of Medicine, New York, USA	Pompeu Fabra University, Barcelona, Spain	Development of orthogonal spliceosome systems
	<b>Navarro,</b> Pablo	Spanish	MRC Centre for Regenerative Medicine, Edinburgh, UK	Pasteur Institute, Paris, France	Analysis of the gene regulatory network controlling ES cell identity
	<b>Rada-Iglesias,</b> Alvaro	Spanish	Stanford University, School of Medicine, USA	Uppsala University, Sweden	Transcription factors as gene and context specific regulators of dynamic epigenetic memory
	<b>Blanco,</b> Raquel	Spanish	Cancer Research UK, London Research Institute, UK	Spanish National Cancer Centre, Madrid, Spain	Endothelial tip cell patterning in pathological angiogenesis
	<b>Fernandez Estrada,</b> Alejandro	Spanish	Biozentrum, University of Basel, Switzerland	University of Seville, Spain	Identification of the determinants of the ARFGAP2/3 protein Glo3p of <i>S. cerevisiae</i> that induces SNAREs conformational changes
	<b>Guardado Calvo,</b> Pablo	Spanish	Pasteur Institute, Paris, France	University of Santiago de Compostela, Spain	Structure of cellular fusogens
	<b>Gurzov,</b> Esteban	Spanish	Free University of Brussels, Belgium	Free University of Brussels, Belgium	Connecting ER stress to mitochondrial dysfunction: a molecular analysis of inflammatory $\beta$ -cell destruction in diabetes

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
Spain (cont.)	<b>Lujambio, Amaia</b>	Spanish	Cold Spring Harbor Laboratory, USA	Hospital of Llobregat, Spain	Role of cellular senescence in fibrosis and cancer
	<b>Perez, Alberto</b>	Spanish	University of California, San Francisco, USA	Barcelona Supercomputing Center, Spain	Protein folding and structure prediction
	<b>Porrúa Fuerte, Odil</b>	Spanish	Centre of Molecular Genetics, Gif sur Yvette, France	Centre of Molecular Genetics, Gif sur Yvette, France	Studies on the metabolism and function of cryptic unstable transcripts (CUTs) in <i>S. cerevisiae</i>
	<b>Rodríguez Folgueras, Alicia</b>	Spanish	Rockefeller University, New York, USA	University of Oviedo, Spain	Elucidating the mechanisms underlying the transition from the long- to short-term self-renewal state of stem cells
	<b>Rodríguez-Larrea, David</b>	Spanish	University of Oxford, UK	University of Granada, Spain	How are polypeptides transported through membranes
	<b>Tejada, Manuel</b>	Spanish	University of Cologne, Germany	Cordoba University, Spain	Molybdate transport in animals: role of gephyrin
	<b>Tomas Loba, Antonia</b>	Spanish	Cancer Research UK, London Research Institute, Potters Bar, UK	Spanish National Cancer Center, Madrid, Spain	Study of the roles of ALC1, a novel ATP-dependent chromatin remodelling protein, in transcriptional regulation, tumorigenesis and neurodegeneration
Sweden	<b>Boström, Pontus</b>	Swedish	Dana-Farber Cancer Institute, Boston, USA	Gothenburg University, Sweden	Role of cell differentiation in cardiac failure
	<b>Ivarsson, Ylva</b>	Swedish	Catholic University of Leuven, Belgium	Catholic University of Leuven, Belgium	Integration of protein and lipid interactions by PDZ scaffolds
	<b>Söderhjelm, Pär</b>	Swedish	Swiss Federal Institute of Technology Zurich, Switzerland	Lund University, Sweden	Drug binding, studied by a combination of metadynamics and accurate potentials
	<b>Suarez Larsson, Anna</b>	Swedish	French National Center for Scientific Research, Marseille, France	Uppsala University, Sweden	Structural studies of glycosidase-related proteins with alternated catalytic machinery
	<b>Kyriakatos, Alexandros</b>	Swedish	Swiss Federal Institute of Technology Lausanne, Switzerland	Karolinska Institute, Stockholm, Sweden	Voltage-sensitive dye imaging of sensorimotor cortex during learned whisker-dependent behaviors
Switzerland	<b>Bruderer, Roland Marc</b>	Swiss	University of Dundee, UK	University of Dundee, UK	Role of SUMO in stem cell differentiation
	<b>Krattinger, Simon</b>	Swiss	The Commonwealth Scientific and Industrial Research Organization, Canberra, Australia	University of Zurich, Switzerland	Durable disease resistance in wheat: similar molecular defense mechanisms against adapted and non-adapted pathogens
	<b>Schellenberg, Barbara</b>	Swiss	Wellcome Trust Centre for Cell-Matrix Research, Manchester, UK	University of Zurich, Switzerland	Reversible mitochondrial targeting of Bax during anoikis
	<b>Thoma, Claudio</b>	Swiss	Harvard Medical School, Boston, USA	Institute of Cell Biology, Zurich, Switzerland	Mapping changes in protein stability in cancer
	<b>Bossen, Claudia</b>	Swiss	University of California San Diego, La Jolla, USA	University of Lausanne, Switzerland	Identification of a cis-regulatory code that underpins the response of B cells to self versus non-self antigens

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
<b>Switzerland</b> (cont.)	<b>Briers, Yves</b>	Swiss	Swiss Federal Institute of Technology Zurich, Switzerland	Swiss Federal Institute of Technology Zurich, Switzerland	Characterization of cell growth, division and pathogenicity of L-form <i>Listeria monocytogenes</i>
	<b>Hollenstein, Kaspar</b>	Swiss	Oregon Health & Science University, Portland, USA	Swiss Federal Institute of Technology Zurich, Switzerland	Structural and functional investigation of an AMPA receptor-TARP complex
<b>Turkey</b>	<b>Colak, Dilek</b>	Turkish	Weill Medical College of Cornell University, New York, USA	Weill Medical College of Cornell University, New York, USA	Using stem cells to delineate the role of small RNAs in epigenetic reprogramming in Fragile X
	<b>Yapici, Nilay</b>	Turkish	Rockefeller University, New York, USA	Rockefeller University, New York, USA	Multimodal chemosensory integration in <i>Drosophila melanogaster</i> larvae
	<b>Yuce Petronczki, Ozlem</b>	Turkish	Cancer Research UK, London Research Institute, Potters Bar, UK	Cancer Research UK, London Research Institute, Potters Bar, UK	Characterizing the molecular function of neurodegenerative gene, senataxin
<b>United Kingdom</b>	<b>Debela, Mekdes</b>	British	MRC Laboratory of Molecular Biology, Cambridge, UK	Max Planck Institute of Biochemistry, Munich, Germany	Molecular mechanism of double-stranded DNA translocation by FtsK
	<b>Gascoigne, Karen</b>	British	Whitehead Institute, Cambridge, USA	Manchester University, UK	Dissection of the kinetochore – DNA binding interface
	<b>Palfreyman, Mark</b>	British	Institute of Molecular Pathology, Vienna, Austria	Institute of Molecular Pathology, Vienna, Austria	Circuit walking through courtship behavior
	<b>Penn, Andrew</b>	British	University of Bordeaux, France	MRC Laboratory of Molecular Biology, Cambridge, UK	Activity-dependent postsynaptic mechanisms of short-term synaptic plasticity
	<b>Pinner, Sophie</b>	British	Dana-Farber Cancer Institute, Boston, USA	Dana-Farber Cancer Institute, Boston, USA	Regulation of dendritic cell motility within stromal niches of lymph nodes
	<b>Regan, Jennifer</b>	British	Institute of Molecular Medicine, Lisbon, Portugal	Institute of Molecular Medicine, Lisbon, Portugal	Dynamics of inflammation and haemocyte diversity in the <i>Drosophila</i> pupa
	<b>Richardson, Rebecca</b>	British	University of Cologne, Germany	University of Manchester, UK	Role of EpCAM and Bmps in zebrafish epithelial development, wound healing and cancer
	<b>Toseland, Christopher</b>	British	Ludwig Maximilians University, Munich, Germany	National Institute for Medical Research, London, UK	Regulation and the coordination of the molecular motor myosin-VI
	<b>Burke, John</b>	American	Medical Research Council – Laboratory of Molecular Biology, Cambridge, UK	University of California San Diego, La Jolla, USA	Structural and dynamic studies of the phosphoinositide 3 kinases
	<b>Sivitz, Alicia</b>	American	Biochemistry & Plant Molecular Physiology, Montpellier, France	Biochemistry & Plant Molecular Physiology, Montpellier, France	Regulatory networks controlling iron uptake machinery in plants: a model for signal integration

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other nationalities	<b>Cande,</b> Jessica	American	Developmental Biology Institute of Marseille, France	Developmental Biology Institute of Marseille, France	An evolutionary perspective into the organization of male courtship neural networks in <i>Drosophila</i>
	<b>Kallin,</b> Eric	American	Center for Genomic Regulation, Barcelona, Spain	University of North Carolina Chapel Hill, USA	Molecular function of PU.1 during immune lineage specification and leukemia formation
	<b>Onishi-Seebacher,</b> Megumi	American	European Molecular Biology Laboratory, Heidelberg, Germany	European Molecular Biology Laboratory, Heidelberg, Germany	Analysis of genomic structural variation formation in cell populations
	<b>Zartman,</b> Jeremiah	American	University of Zurich, Switzerland	University of Zurich, Switzerland	Mechanoregulation of tissue growth in the <i>Drosophila</i> wing
	<b>Rodriguez,</b> Fernanda Mariana	Argentinian	University of Oxford, UK	Biocenter University of Basel, Switzerland	Molecular mechanism of Tat transport
	<b>Brownfield,</b> Lynette	Australian	Federal Institute of Technology Zurich, Switzerland	Federal Institute of Technology Zurich, Switzerland	Molecular mechanisms in plant male meiosis and the formation of polyploid plants
	<b>Brosnan,</b> Christopher	Australian	Institute of Plant Molecular Biology, Strasbourg, France	Institute of Plant Molecular Biology, Strasbourg, France	Cell autonomous microRNA biogenesis and action
	<b>Coquet,</b> Jonathan	Australian	The Netherlands Cancer Institute, Amsterdam, The Netherlands	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Role of the CD27-CD70 pathway in T helper and regulatory T cell development
	<b>Gentle,</b> Ian	Australian	Institute of Medical Mikrobiologie and Hygiene, Freiburg, Germany	La Trobe University, Bundoora, Australia	Regulation of TLR3/TRIF induced apoptosis
	<b>Alves Meireles Filho,</b> Antonio Carlos	Brazilian	Research Institute of Molecular Pathology, Vienna, Austria	Research Institute of Molecular Pathology, Vienna, Austria	Tissue-specific regulatory gene networks of the <i>Drosophila</i> circadian clock
	<b>Campbell-Valois,</b> François-Xavier	Canadian	Pasteur Institute, Paris, France	University of Montreal, Canada	Dissecting the role of IpaH proteins in dampening innate immunity response during Shigellosis: an integrated approach for studying host-pathogen interactions
	<b>Gerrow,</b> Kimberly	Canadian	Ecole Normale Supérieure, Paris, France	University of British Columbia, Vancouver, Canada	Trafficking of metabotropic GABA receptors at inhibitory synapses by lateral diffusion
	<b>Gillis,</b> Andrew	Canadian	University of Cambridge, UK	University of Chicago, USA	Development and evolution of the vertebrate pharyngeal endoskeleton
	<b>McKim,</b> Sarah	Canadian	University of Oxford, UK	University of British Columbia, Vancouver, Canada	Mechanisms regulating diversity of floral architecture
	<b>Narbonne,</b> Patrick	Canadian	University of Cambridge, UK	McGill University, Montreal, Canada	Studying the process of nuclear reprogramming in <i>Xenopus laevis</i> oocytes
	<b>Renault,</b> Nisa	Canadian	Pasteur Institute, Paris, France	Dalhousie University, Halifax, Canada	Genetic control of X-chromosome inactivation choice in humans and mice



	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
other nationalities (cont.)	<b>Marsh, Joseph</b>	Canadian	MRC Laboratory of Molecular Biology, Cambridge, UK	Hospital for Sick Children, Toronto, Canada	Large-scale analysis of protein flexibility and dynamics and their relation to molecular recognition
	<b>Morin, Sebastien</b>	Canadian	University of Basel, Switzerland	Laval University, Quebec, Canada	Structural studies on CCR5 and its complexes with RANTES-derived peptides and other small-molecule inhibitors
	<b>Wai, Timothy</b>	Canadian	University of Cologne, Germany	McGill University, Montreal Neurological Institute, Canada	Protective effects of the i-AAA protease and mitochondrial quality control against ageing and ageing-associated diseases
	<b>Chen, Zhong</b>	Chinese	Utrecht University, The Netherlands	National University of Singapore Singapore	Function of retinoblastoma-related protein in <i>Arabidopsis</i> shoot apical meristem
	<b>Acosta, Ivan</b>	Columbian	University of Lausanne, Switzerland	University of Lausanne, Switzerland	Searching for new negative regulators of jasmonate signalling with a pJAZ10:GUSPlus reporter in the model plant <i>Arabidopsis thaliana</i>
	<b>Uluckan, Ozge</b>	Cypriot	Spanish National Cancer Centre, Madrid, Spain	Washington University in St. Louis, USA	Cross talk between skin and bone: integration of Jun/AP-1 and MAPK signaling
	<b>Bose Dasgupta, Somdeb</b>	Indian	University of Basel, Switzerland	University of Basel, Switzerland	Survival of <i>M. tuberculosis</i> inside macrophages: the essential role of calcineurin in preventing phagolysosome formation
	<b>Jeganathan, Sadasivam</b>	Indian	European Institute of Oncology, Milan, Italy	European Institute of Oncology, Milan, Italy	<i>In vitro</i> reconstitution of kinetochore-microtubule attachment and spindle assembly checkpoint function
	<b>Kishore, Shivendra</b>	Indian	University of Basel, Switzerland	Gene Center, Munich, Germany	Identification of targets of RNA-binding proteins that modulate mRNA stability
	<b>Kotak, Sachin</b>	Indian	Swiss Federal Institute of Technology Lausanne, Switzerland	Institute of Molecular Bioscience, Frankfurt a.M., Germany	Unraveling the mechanisms of spindle positioning
	<b>Matheshwaran, Saravanan</b>	Indian	Cancer Research UK, London Research Institute, Potters Bar, UK	Cancer Research UK, London Research Institute, Potters Bar, UK	Molecular and biochemical characterization of Ino80 complex and its chromatin remodeling mechanism
	<b>Chanana, Bhavna</b>	Indian	University of Cambridge, UK	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Identification and functional analysis of target genes of the Hippo tumor suppressor pathway using the <i>Drosophila</i> posterior follicle cells as an experimental system
	<b>Deshmukh, Atul</b>	Indian	Max Planck Institute of Biochemistry, Martinsried, Germany	Karolinska Institute, Stockholm, Sweden	Skeletal muscle proteome analysis: focus on mediators of insulin resistance and exercise
	<b>Kulathu, Yogesh</b>	Indian	MRC Laboratory of Molecular Biology, Cambridge, UK	MRC Laboratory of Molecular Biology, Cambridge, UK	Ubiquitin as an activator of protein kinase complexes

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
other nationalities (cont.)	<b>Kumar, Amit</b>	Indian	FIRC Institute of Molecular Oncology, Milan, Italy	Spanish National Biotechnology Centre, Madrid, Spain	Mechanisms coordinating chromosome replication with transcription
	<b>Kumar, Niti</b>	Indian	Max Planck Institute of Biochemistry, Martinsried, Germany	Max Planck Institute of Biochemistry, Martinsried, Germany	Investigation of the chaperone repertoire for <i>in vivo</i> ribosome-nascent chain complexes in bacterial and yeast systems
	<b>Mohan, Renu</b>	Indian	Erasmus University Medical Center, Rotterdam, The Netherlands	Biotechnology Centre, Indian Institute of Technology, Mumbai, India	Mechanisms and functions of microtubule plus end tracking proteins in mammalian cells: development of inhibitory strategies
	<b>Mukundan, Vikram</b>	Indian	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Stanford University, USA	Studying the flagellar beat using micromachined force sensing shape clamps
	<b>Pandey, Radha Raman</b>	Indian	European Molecular Biology Laboratory, Grenoble, France	European Molecular Biology Laboratory, Grenoble, France	Mechanism of action of nuclear germline small RNAs in genome defence
	<b>Philip, Nisha</b>	Indian	University of Glasgow, UK	University of Glasgow, UK	Redefining roles of epigenetic regulators: ALBAs in translational control
	<b>Rajagopalan, Sridharan</b>	Indian	University of Zurich, Switzerland	MRC Centre for Protein Engineering, Cambridge, UK	Modulation of cellular function under remote control using engineered photo-switchable DARPin
	<b>Handa, Yutaka</b>	Japanese	Cancer Research UK, London Research Institute, UK	Cancer Research UK, London Research Institute, UK	Role of RhoD and RhoA signalling during the spread and pathogenesis of vaccinia virus
	<b>Nojima, Hisashi</b>	Japanese	National Institute for Medical Research, London, UK	Osaka University, Japan	Role of cellular tension in the induction of apoptosis by axin mutant cells
	<b>Yonehara, Keisuke</b>	Japanese	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Development of spatial asymmetry in neural connectivity
	<b>Lai, Mong Sing</b>	Malaysian	FIRC Institute of Molecular Oncology, Milan, Italy	Tohoku University, Miyagi, Japan	Replicon dynamics in response to double strand break formation
	<b>Phng, Li-Kun</b>	Malaysian	European Molecular Biology Laboratory, Heidelberg, Germany	Cancer Research UK, London Research Institute, UK	Role of lipid signalling and membrane organization in regulating cell polarity transitions in migrating tissues
	<b>Ruiz, Edgar Josué</b>	Mexican	Wellcome Trust Centre for Stem Cell Research, University of Cambridge, UK	Spanish National Cancer Center, Madrid, Spain	Molecular mechanisms regulated by p38 $\alpha$ involved in oncogene-induced lung cancer
	<b>Barberan Soler, Sergio</b>	Mexican	Center for Genomic Regulation, Barcelona, Spain	University of California Santa Cruz, USA	Deciphering genetic networks of splicing regulation <i>in vivo</i>
	<b>Linterman, Michelle</b>	New Zealander	Cambridge Institute for Medical Research, UK	Cambridge Institute for Medical Research, UK	Role of microRNAs in T follicular helper cell mediated humoral immunity and immune pathology

	FULL NAME	NATIONALITY	HOST LAB	HOME LAB	RESEARCH INTEREST
other nationalities (cont.)	<b>Crisan,</b> Mihaela	Romanian	Erasmus University Medical Center, Rotterdam, The Netherlands	Erasmus University Medical Center, Rotterdam, The Netherlands	Convergence of the BMP and hedgehog signalling pathways in the generation of haematopoietic stem cells in the mouse embryo
	<b>Denes,</b> Alexandru	Romanian	University of Basel, Switzerland	University of Basel, Switzerland	Cellular and molecular mechanisms of tracheal remodeling during the late larval and pupal stages in <i>Drosophila</i>
	<b>Farcas,</b> Ana-Maria	Romanian	Swiss Federal Institute of Technology Zurich, Switzerland	University of Oxford, UK	Kar9-Cdc28 bistable regulatory switch and its role in the asymmetry of the mitotic spindle of <i>Saccharomyces cerevisiae</i>
	<b>Ermolaeva,</b> Maria	Russian	CECAD Cologne, University of Cologne, Germany	CECAD Cologne, University of Cologne, Germany	DNA damage and ageing
	<b>Choi,</b> Kyuha	South Korean	University of Cambridge, UK	Seoul National University, Republic of Korea	Testing the influence of histone variant H2A.Z on genome-wide patterns of meiotic recombination in <i>Arabidopsis thaliana</i>
	<b>Lee,</b> Aih Cheun	Taiwanese	University of Cambridge, UK	Purdue University, West Lafayette, USA	Role of Vg1RBP-mediated mRNA transport in retinal growth cone guidance
	<b>Tuoc,</b> Tran Cong	Vietnamese	National Institute for Medical Research, London, UK	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Molecular mechanisms determining the potential of astrocytes for neuronal reprogramming

## applications and awards 2000–2009

country from	applications	% of total	awards	% of total	success rate %
Austria	151	1.42	49	2.56	32
Belgium	170	1.59	34	1.78	20
Croatia	56	0.53	12	0.63	21
Czech Republic	101	0.95	18	0.94	18
Denmark	81	0.76	17	0.89	21
Estonia	3	0.03	0	0.00	0
Finland	118	1.11	22	1.15	19
France	2050	19.22	346	18.10	17
Germany	1169	10.96	297	15.53	25
Greece	225	2.11	49	2.56	22
Hungary	139	1.30	22	1.15	16
Iceland	15	0.14	2	0.10	13
Ireland	99	0.93	12	0.63	12
Israel	558	5.23	111	5.81	20
Italy	697	6.54	107	5.60	15
Luxembourg	1	0.01	1	0.05	0
The Netherlands	363	3.40	93	4.86	26
Norway	19	0.18	3	0.16	16
Poland	170	1.59	25	1.31	15
Portugal	204	1.91	55	2.88	27
Slovak Republic	11	0.10	2	0.10	0
Slovenia	34	0.32	2	0.10	6
Spain	1282	12.02	162	8.47	13
Sweden	430	4.03	61	3.19	14
Switzerland	175	1.64	51	2.67	29
Turkey	79	0.74	9	0.47	11
United Kingdom	506	4.74	71	3.71	14
Eastern Europe	255	2.39	25	1.31	10
USA/Canada	439	4.12	89	4.65	20
Others	1065	9.99	165	8.63	15
<b>Total</b>	<b>10665</b>	<b>100</b>	<b>1912</b>	<b>100</b>	<b>18</b>

applications and awards 1977–2009

year	applications	awards	success rate %	year	applications	awards	success rate %
2009	1332	258	19	1978	235	101	43
2008	1218	215	18	1977	236	94	40
2007	1288	212	16				
2006	1232	222	18				
2005	1236	198	16				
2004	1137	163	14				
2003	1080	164	15				
2002	790	178	22				
2001	645	147	23				
2000	707	155	22				
1999	830	170	20				
1998	790	144	18				
1997	831	185	22				
1996	898	160	18				
1995	877	147	17				
1994	806	176	22				
1993	739	199	27				
1992	626	142	23				
1991	571	139	24				
1990	526	123	23				
1989	460	118	26				
1988	455	141	31				
1987	383	120	31				
1986	333	90	27				
1985	340	92	27				
1984	305	112	37				
1983	294	103	35				
1982	276	91	33				
1981	274	111	41				
1980	242	108	45				
1979	254	101	40				

## applications

destination	Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Irish	Israeli	Italian	Luxembourgian	Dutch	Norwegian	Polish	Portuguese	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British	Eastern European nationalities	US-American/Canadian	Other nationalities	Total
Austria	2								3					1		1			1	1						1	1		1	12	
Belgium		1						4	2						1				1				4	1						2	16
Croatia			1						1																					2	
Czech Republic				2				1	1																					4	
Denmark					3			2	5						1	2				2				2					3	20	
Estonia																					1									1	
Finland	1			1			1	1	1																		2		1	8	
France	1	1		1	1		2	15	6		3		2	1	9		2		2	4	1		16	4		4	4	12	30	121	
Germany	3	2					1	9	11	4	3		1	2	5		6	1	1	3	1	1	12	1		3	5	2	9	20	106
Greece										3							1													4	
Hungary																										1			1	2	
Iceland																														0	
Ireland							1						2								1									4	
Israel							3	1															2				1	2		9	
Italy							3	1	1						4				1	1			2	1		1		5		21	
Luxembourg																														0	
Netherlands		2		1			4	8			1			1	5		1					1	5			1	6	1	5	42	
Norway							3																	1					3	7	
Poland																						1					1			2	
Portugal								1							2				1	7						1				12	
Slovak Republic																														0	
Slovenia																														0	
Spain		2	1				1	13	4				1		7				3	5		2	6	1	1		2	1	4	19	73
Sweden							3	1	3					1	1		2		3				6	2	1		1	3	2	7	36
Switzerland	3			2	1		2	23	13		5			1	9		2				1	4	9	3	3	1	4	5	11	29	131
Turkey																										2			2	4	
UK	6	1	3	3		1	40	30	5	5				8	19		8		9	10		1	44	5	3	5	1	5	14	47	273
EMBL							4	5		1					1					2			5	1				1	5	25	
Eastern Europe																														0	
USA/Canada	11	7	1	2		1	3	69	49	8	1		2	63	27		13		5	9		3	48	13	11	4	16		3	3	372
Others							1	7	5					2			1					2		1		1			5	25	
<b>Total</b>	<b>27</b>	<b>16</b>	<b>6</b>	<b>12</b>	<b>5</b>	<b>2</b>	<b>14</b>	<b>203</b>	<b>150</b>	<b>21</b>	<b>19</b>	<b>0</b>	<b>8</b>	<b>80</b>	<b>91</b>	<b>0</b>	<b>39</b>	<b>1</b>	<b>28</b>	<b>43</b>	<b>5</b>	<b>13</b>	<b>159</b>	<b>36</b>	<b>21</b>	<b>17</b>	<b>37</b>	<b>31</b>	<b>58</b>	<b>190</b>	<b>1332</b>

## awards

destination	Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Irish	Israeli	Italian	Luxembourgian	Dutch	Norwegian	Polish	Portuguese	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British	Eastern European nationalities	US-American/Canadian	Other nationalities	Total
Austria	2								1					1		1			1							1				1	8
Belgium									1						1								1	1							4
Croatia																															0
Czech Republic																															0
Denmark								2	1						1	1															5
Estonia																															0
Finland									1																						1
France	1			1			1	2	1					1	1	1				1			3	1		1		5	2	22	
Germany	3						1	3	4	1						1	1					1				2	1	1	4	23	
Greece																	1														1
Hungary																															0
Iceland																															0
Ireland																															0
Israel																															0
Italy																			1										3	4	
Luxembourg																															0
Netherlands		1						1	2						1												1		3	9	
Norway																															0
Poland																															0
Portugal																				4							1				5
Slovak Republic																															0
Slovenia																															0
Spain		1						1	2																			1	2	7	
Sweden							1									1							1								3
Switzerland								3	3					1	4								1	2	1		2	2	7	26	
Turkey																															0
UK	3	1	1					10	5					3	5	2		5	5			6	2	1	1		5	12	67		
EMBL								2	2		1							1									1	1	8		
Eastern Europe																															0
USA/Canada	3	1					1	6	4	3	1			10	3	3		2	1			8	1	3	2	2				54	
Others								2	8															1							11
<b>Total</b>	<b>12</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>32</b>	<b>35</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>16</b>	<b>0</b>	<b>11</b>	<b>1</b>	<b>9</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>5</b>	<b>7</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>15</b>	<b>35</b>	<b>258</b>

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Medjahed,</b> Halima	Algerian	National Institute of Medical Sciences and Nutrition, Mexico City, Mexico	University Paris Descartes, Paris, France	Study of the virulence of <i>Mycobacterium abscessus</i> : role of the glycopeptidolipids
<b>DeFlorio,</b> Reagan	American	University of Nice, France	University of Illinois at Chicago, USA	Heterotrimeric G-protein regulation of chemotropism in yeast
<b>Lutz,</b> Sheila	American	Medical Research Council, Cambridge, UK	University of Heidelberg, Germany	Coupling of transcription and mRNA export by the conserved CID motif in human TREX-2 (Transcription Export complex-2)
<b>Schaeffer,</b> Daneen	American	The New University of Lisbon, Oeiras, Portugal	University of Texas Health Science Center at Houston, USA	5'-end dependency of exosome endoribonuclease activity
<b>Wojcik,</b> John	American	Center for Molecular Medicine of the Austrian Academy of Sciences, Vienna, Austria	University of Chicago, USA	Effects of a novel protein inhibitor of Abl SH2 domain-phosphopeptide interactions on cAbl and Bcr-Abl function
<b>Alló,</b> Mariano	Argentinian	Centre for Genomic Regulation, Barcelona, Spain	The Laboratory of Physiology and Molecular Biology, Buenos Aires, Argentina	Search for endogenous small RNAs driven alternative splicing in cancer
<b>Barrionuevo,</b> Jose Sebastian	Argentinian	National Science and Technology Museum, Madrid, Spain	Argentine Museum of Natural Sciences "Bernardino Rivadavia", Buenos Aires, Argentina	Phylogenetic relationships of the genus <i>Telmatobius</i> (Anura: Ceratophryidae): a molecular approach with emphasis on Argentinean species
<b>Distéfano,</b> Ana Julia	Argentinian	Institute for Molecular Biology of Plants, Strasbourg, France	Institute of Biotechnology, Buenos Aires, Argentina	Construction of a full-length infectious cDNA clone of cotton leafroll dwarf virus for the study of plant-polerovirus interaction and production of a cDNA library expressing <i>Gossypium hirsutum</i> phloem proteins for yeast-two hybrid screening
<b>Lario,</b> Luciana Daniela	Argentinian	Centre of Molecular Biology Severo Ochoa, Madrid, Spain	Photosynthetic and Biochemical Research Center, Rosario, Argentina	Cell cycle dependent transcriptional regulation of <i>Arabidopsis</i> genes involved in DNA repair and chromatin remodelling
<b>Mongelli,</b> Vanessa Claudia	Argentinian	Institute for Molecular Biology of Plants, Strasbourg, France	Biotechnology Institute from the National Institute for Agricultural Technology of Argentina, Buenos Aires, Argentina	Determination of the subcellular localization of non-structural proteins of unknown function encoded by Mal de Rio Cuarto virus (Medical Research Council)
<b>Pagnussat,</b> Luciana	Argentinian	University of Bonn, Germany	National University of Mar del Plata, Argentina	Analysis of the sunflower LTP Ha-AP10's intracellular localization
<b>Reynoso,</b> Rita Paola	Argentinian	University of Natural Resources and Applied Life Sciences, Vienna, Austria	University of Buenos Aires, Argentina	HIV infection and cellular pathogenesis: evaluation of parameters related to ageing process



NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Rodriguez,</b> Juan Facundo	Argentinian	Max-Planck-Institute for Biophysical Chemistry, Göttingen, Germany	National University of Cuyo, Mendoza, Argentina	Exploring novel interactions between membrane fusion-controlling proteins
<b>Stern,</b> Ana Laura	Argentinian	University of Agricultural Sciences, Uppsala, Sweden	Institute for Research in Biotechnology, National University of San Martín, Argentina	Determination of the three-dimensional structure of transaldolase from <i>Trypanosoma cruzi</i> and elucidation of nature of observed isoenzyme forms.
<b>Diesner,</b> Susanne	Austrian	National Institutes of Health, Bethesda, USA	Medical University of Vienna, Austria	Influence of sphingosine-1-phosphate on sensitization in a murine model of food allergy
<b>Koch,</b> Johannes-P.	Austrian	Weizmann Institute of Science, Rehovot, Israel	University of Vienna, Austria	Dynamics of mRNAs encoding the peroxisomal membrane protein PEX11 in human cells
<b>Mazid,</b> Md. Abdul	Bangladeshi	Telethon Institute of Genetics & Medicine, Naples, Italy	University of Dhaka, Bangladesh	Metabolic regulation and roles of glycerophosphoinositols in immune cells
<b>De Storme,</b> Nico	Belgian	University of Birmingham, UK	University of Ghent, Belgium	Cytological analysis of meiosis in <i>Arabidopsis</i> giant pollen mutants
<b>Jorissen,</b> Ellen	Belgian	University Medical Center Hamburg-Eppendorf, Germany	Center for Human Genetics, Leuven, Belgium	Function of ADAM10 in neurodevelopment
<b>Rotthier,</b> Annelies	Belgian	University Hospital Zurich, Switzerland	University of Antwerp, Belgium	Functional characterization of mutations in SPTLC1 and SPTLC2 associated with hereditary sensory neuropathies
<b>Van der Henst,</b> Charles	Belgian	Centre of Immunology of Marseille-Luminy, France	University of Namur, Belgium	Immunolocalization pattern using electron microscopy of an essential polar histidine kinase in <i>Brucella abortus</i> within infected macrophages
<b>Vandecaetsbeek,</b> Ilse	Belgian	University of Aarhus, Denmark	Catholic University of Leuven, Belgium	Upscaling the purification and initializing crystallization attempts of the high affinity Ca <sup>2+</sup> pump SERCA2b
<b>Vanhee,</b> Peter	Belgian	Centre for Genomic Regulation, Barcelona, Spain	The Switch Laboratory, Brussels, Belgium	<i>In silico</i> peptide design for the fibroblast growth factor receptor
<b>Vanwalleghem,</b> Gilles	Belgian	Leibniz Institute for Molecular Pharmacology, Berlin, Germany	Institute of Molecular Biology and Medicine, Gosselies, Belgium	Characterization of <i>T. brucei</i> chloride channels and <i>H. sapiens</i> Apolipoprotein L-1 by electrophysiology in <i>Xenopus</i> oocytes
<b>Zaharenko,</b> André	Brazilian	University of Leuven, Belgium	Centre of Biotechnology, São Paulo, Brazil	Electrophysiological characterisation of sea anemone peptides over voltage-gated sodium and potassium channels in transfected cells

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Zuccherato,</b> Luciana	Brazilian	University of Leicester, Leicester, UK	The Federal University of Minas Gerais, Belo Horizonte, Brazil	Patterns of diversity at copy number variation loci ( $\beta$ -defensins and immunoglobulin-receptor) in native American populations: how do these loci evolve and biomedical implications
<b>Beard,</b> Gemma	British	Carnegie Mellon University, Pittsburgh, USA	Imperial College London, UK	Membrane organization of G-protein coupled receptor into functional microdomains; novel insights into the mechanisms determining receptor fate
<b>Carvill,</b> Gemma	British	University of Geneva, Switzerland	Institute of Infectious Disease and Molecular Medicine, Cape Town, South Africa	Investigating whole-genome DNA Methylation profiles in patients positive for mutations in X-linked Mental Retardation (XLMR) genes
<b>Cockburn,</b> Ian	British	Institut Pasteur, Paris, France	Johns Hopkins Bloomberg School of Public Health, Baltimore, USA	Visualizing CD8+ T cell killing of malaria infected hepatocytes
<b>Holmes,</b> Rebecca	British	University of Edinburgh, UK	University of California, San Francisco, USA	Deciphering the RNA features governing Npl3-mediated RPG processing
<b>Liu,</b> Tao	British	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	University College London, UK	Biochemical characterisation of the effect of Tao-1 kinase on microtubule dynamics
<b>Morgan,</b> Bruce	British	German Cancer Research Centre, Heidelberg, Germany	University of Manchester, UK	Expression and characterization of redox probes in <i>Saccharomyces cerevisiae</i>
<b>Sonnen,</b> Andreas	British	Max Planck Institute of Biochemistry, Munich, Germany	University of Oxford, UK	Investigating the mechanism of pore-formation by perforin and cholesterol-dependent cytolysins employing cryo-electron tomography
<b>Karabancheva,</b> Tatyana	Bulgarian	Autonomous University of Barcelona, Spain	University of Bristol, UK	Computational analysis of the interactions of G protein-coupled receptor kinase-2 (GRK2) with G protein $G_{\alpha Y}$ and G subunits
<b>Ngando Ebongue,</b> Georges Frank	Cameroonian	Laboratory of Membrane Biogenesis, Bordeaux, France	Institute of Agricultural Research for Development of Cameroon (IRAD), Douala, Cameroon	Cloning and characterization of a recombinant oil palm ( <i>Elaeis guineensis</i> Jacq.) mesocarp lipase
<b>Awatramani,</b> Gautam	Canadian	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Dalhousie University, Halifax, Canada	Multimodal optogenetic techniques for vision restoration in a mouse model of retinal degeneration
<b>Carswell,</b> Casey	Canadian	IBS Grenoble, France	University of Ottawa, Canada	Crystallographic study of CfrA from <i>Campylobacter jejuni</i> , a potential therapeutic target
<b>Cancino,</b> Jorge	Chilian	Scientific Consortium Mario Negri Sud, Santa Maria Imbaro, Italy	Pontifical Catholic University of Chile, Santiago, Chile	Live-cell and ultra-structural analysis of TGN-to-recycling endosome traffic in epithelial cells

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Hua,</b> Guoqiang	Chinese	National Heart, Lung, and Blood Institute, Bethesda, USA	Technological Advances for Genomics and Clinics (TAGC INSERM U928), Marseille, France	Genome-wide study of GATA4 associated transcriptional network in breast cancers
<b>Zhong,</b> Silin	Chinese	Plant Molecular Biology – CNRS, Grenoble, France	University of Nottingham, UK	Use of single cell ploidy measurement to investigate the role of mRNA methylation in cell cycle regulation
<b>Zi,</b> Zhike	Chinese	University of Colorado-Boulder, USA	Humboldt University Berlin, Germany	Mathematical modeling and experimental analysis of TGF- $\beta$ signaling pathway
<b>Benitez Paez,</b> Alfonso	Columbian	University of Southern Denmark, Odense, Denmark	The Prince Felipe Research Centre, Valencia, Spain	Analysis of RNA modification through mass spectrometry
<b>Deban,</b> Livija	Croatian	University of Helsinki, Finland	Humanitas, Rozzano, Italy	Structural characterization of factor H interaction with <i>Neisseria meningitidis</i> antigens
<b>Dembic,</b> Maja	Croatian	University of Massachusetts Medical School, Worcester, USA	University of Modena and Reggio Emilia, Modena, Italy	Mechanism of transcriptional regulation of the FSHD region gene 1 (FRG1) gene
<b>Rudic,*</b> Milan	Croatian	University of Paris, France	General Hospital, Zadar, Croatia	Role of angiotensin 2 and oxidative stress product (4-hydroxy-2-nonenal) in the pathophysiology of otosclerosis
<b>Pons Hernández,</b> Tirso	Cuban	Spanish National Cancer Research Centre (CNIO), Madrid, Spain	University of Havana, Cuba	Large-scale <i>in silico</i> study of the interactions between pore-forming-toxins and model lipid membranes
<b>Rodriguez Alfonso,</b> Armando Alexei	Cuban	Medical School Hannover (Immunology), Germany	Centre of Marine Bioproducts (CEBIMAR), Havana, Cuba	Application of peptidomics tools to the discovery of new bioactive peptides from two different natural sources.
<b>Torres Domínguez,</b> Lino Ernesto	Cuban	Max von Pettenkofer Institut, Munich, Germany	National Center for Scientific Research, Havana City, Cuba	Characterization of cag Pathogenicity Island (cag PAI) and VacA cytotoxin from Cuban <i>Helicobacter pylori</i> isolates
<b>Altmannova,</b> Veronika	Czech	University of California, Davis, USA	Masaryk University, Brno, Czech Republic	Effect of sumoylation on homologous recombination and its physical monitoring
<b>Brejchova,</b> Kristyna	Czech	Institute of Ophthalmology, London, UK	Charles University, Prague, Czech Republic	Viability, cultivation potential and immunogenicity of limbal stem cells obtained from human corneal tissue: the effect of storage method and duration
<b>Hrstka,</b> Roman	Czech	Institute of Molecular Genetics–INSERM U940, Paris, France	Masaryk Memorial Cancer Institute, Brno, Czech Republic	Role of chaperones in p53 and p53/47 folding
<b>Rohlena,</b> Jakub	Czech	The Beaston Insitute for Cancer Research, Glasgow, UK	Czech Academy of Sciences, Prague, Czech Republic	Role of mitochondrial complex II in the regulation of citric acid cycle metabolite levels and induction of apoptosis by redox-silent vitamin E analogues

\*recipient of the 2009 EMBO Molecular Medicine Sabbatical

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Srubarova,</b> Hana	Czech	University of London, London, UK	Academy of Sciences of the Czech Republic, Brno, Czech Republic	Cytogenetic analysis of synthetic <i>Tragopogon</i> <i>allotetraploids</i>
<b>Lund,</b> Mikael	Danish	University of New South Wales, Canberra, Australia	Lund University, Sweden	Proton fluctuation mechanisms in biological systems
<b>Thorgrimsen,</b> Stephan	Danish	The Sainsbury Laboratory, Norwich, UK	University of Copenhagen, Denmark	Identifying pathogen effectors triggering SOA5- dependent hypersensitive response in <i>Arabidopsis</i>
<b>Carette,</b> Jan	Dutch	Albert-Ludwigs-Universität Freiburg, Germany	Whitehead Institute for Biomedical Research, Cambridge, USA	Haploid genetics screens to identify host genes required for bacterial pathogens
<b>Raz,</b> Vered	Dutch	The Hebrew University of Jerusalem, Israel	Leiden University Medical Center, The Netherlands	Setting-up a physiological relevant OPMD model in <i>C. elegans</i>
<b>Spaapen,</b> Frank	Dutch	Imperial College London, UK	Maastricht University Medical Centre, The Netherlands	Dynamic chromatin signatures underlying chondrogenic differentiation
<b>Tanenbaum,</b> Marvin	Dutch	European Molecular Biology Laboratory, Heidelberg, Germany	Uniververisty Medical Center Utrecht, The Netherlands	Molecular dissection of Kif15-TPX2 function using an <i>in vitro</i> approach
<b>Van der Waal,</b> Maike	Dutch	University of Pennsylvania, Philadelphia, USA	University Medical Center, Utrecht, The Netherlands	Contribution of INCENP to the function of Aurora B in the mitotic checkpoint
<b>van Horsen,</b> Remco	Dutch	Consorzio Mario Negri Sud, Santa Maria Imbaro, Italy	Radboud University Nijmegen Medical Centre, The Netherlands	Role of metabolic proteins in invadopodia formation
<b>van Roosmalen,</b> Wies	Dutch	Weizmann Institute of Science, Rehovot, Israel	Leiden University, The Netherlands	Screening for new potential anti-cancer drug targets using high content imaging and a knockdown approach against components of matrix-adhesion mediated signaling pathways.
<b>Kivistik,</b> Paula Ann	Estonian	Zaidin Experimental Station– Spanish National Research Council, Granada, Spain	University of Tartu, Estonia	Identification of target genes of <i>Pseudomonas</i> <i>putida</i> ColRS two-component system with genome-wide DNA microarray
<b>Leppänen,</b> Veli-Matti	Finnish	Paul Scherrer Institut, Villigen, Switzerland	University of Helsinki, Finland	Structural studies on the VEGF family growth factor C and its receptors
<b>Liljeroos,</b> Lassi	Finnish	Max Planck Institute of Biochemistry, Martinsried, Germany	Institute of Biotechnology, Helsinki, Finland	Cryo-electron tomography and subtomogram averaging of measles virus
<b>Becam,</b> Isabelle	French	University of Cambridge, Cambridge, UK	Insitute for Research in Biomedicine, Barcelona, Spain	Analysis of new roles of Notch for the inhibition of Serrate signaling ability and for regulation of its recycling

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Bruck,</b> Nathalie	French	Istituto Mario Negri, Milan, Italy	Institute of Genetics and Molecular and Cellular Biology, Illkirch, France	Cross-talk between the non-genomic and genomic effects of Retinoic Acid (RA): dysregulation and RA resistance
<b>Chaggier,</b> Ariane	French	The Rockefeller University, New York, USA	Institute of Child Health, London, UK	Hira-mediated histone deposition during ES cell differentiation mimicking gastrulation events
<b>D'Haene,</b> Sandrine	French	Center for Bioenergy and Photosynthesis, Gif-sur-Yvette, France	VU Univeristy, Amsterdam, The Netherlands	IsiA with different carotenoid composition to study their role
<b>Demarsy,</b> Emilie	French	CNRS UPR 3082-FRC 3115, Gif-sur-Yvette, France	University of Lausanne, Switzerland	Structural study of <i>Arabidopsis</i> phototropin 1 and its putative kinase substrate PKS4
<b>Elbaz,</b> Yael	French	University of Washington, Seattle, USA	The Hebrew University of Jerusalem, Israel	Structure determination of the neurotransmitter transporter VMAT2 (vesicular monoamine transporter 2)
<b>Fakhouri,</b> Fadi	French	Imperial College London, London, UK	Necker Hospital, Paris, France	Effect of purified human factor H in factor-H deficient mice
<b>Gandemer,</b> Virginie	French	University of Ulm, Germany	University of Rennes, France	Analyses of signatures of miRNA expression in TEL/AML1-positive acute lymphoblastic leukaemia : potential regulation of CD9 and LSP1 expressions
<b>Guibal,</b> Christophe	French	National Autonomous University of Mexico, Mexico City, Mexico	University College London, UK	Comparison of the sequence and regulation of hemoglobin between the cave-dwelling and surface-dwelling forms of the Mexican tetra, <i>Astyanax mexicanus</i>
<b>Lanet,</b> Elodie	French	University of Verona, Italy	French National Center for Scientific Research, Marseille, France	Analysis of post-transcriptional regulations of Lhc genes expression under light stress in <i>Arabidopsis thaliana</i>
<b>Medioni,</b> Caroline	French	European Molecular Biology Laboratory, Heidelberg, Germany	Institut of Developmental Biology and Cancer of Nice, France	Axonal growth and mRNA transport: <i>in vivo</i> and in real time analysis
<b>Mozziconacci,</b> Julien	French	University of Turin, Italy	University of Cambridge, UK	Inferring tissue sequential differentiation during development from gene expression micro arrays
<b>Roubinet,</b> Chantal	French	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	University Paul Sabatie UMR5547-CNRS, Toulouse, France	Precisely and statistically decipher the sequence of events regulating bleb formation and retraction during cell division
<b>Schoumacher,</b> Marie	French	University of Michigan, Ann Arbor, USA	Institut Curie, Paris, France	Role of filopodia in cancer cell migration and invasion
<b>Shalom-Feuerstein,</b> Ruby	French	University of Leicester, Leicester, UK	U898 INSERM, Nice, France	<i>In vivo</i> study of the role of p63, p63 isoforms and micro RNAs in corneal stem cells and development

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<b>Beck,</b> Jochen	German	University of Dundee, UK	Swiss Federal Institute of Technology Zurich, Switzerland	Regulation of Aurora B by Cullin3-mediated ubiquitination in mitosis
<b>Berge,</b> Ulrich	German	European Molecular Biology Laboratory, Heidelberg, Germany	Swiss Federal Institute of Technology Zurich, Switzerland	Long-term and high-resolution multi-channel recording of single MDCK cells developing into multi-cellular cysts using single plane illumination microscopy (SPIM)
<b>Bit-Avragim,</b> Nana	German	University of Innsbruck, Austria	Charité University Medical School of Berlin, Germany	Role of Agtr1/apelin signalling in cardiovascular development in zebrafish
<b>Cabrera-Aguirre,</b> Ana Lidia	German	University of Geneva, Switzerland	Bernhard-Nocht Institute for Tropical Medicine, Hamburg, Germany	Comparative interspecies survey of two conserved apicomplexan inner membrane complex protein members
<b>Doehlemann,</b> Gunther	German	Stanford University, USA	Max Planck Institute for Terrestrial Microbiology, Marburg, Germany	Molecular studies on the biotrophic interaction of <i>Ustilago maydis</i> with maize
<b>Dopfer,</b> Elaine-Pashupati	German	Autonomous University Madrid, Madrid, Spain	University of Freiburg, Germany	<i>In vivo</i> investigation of a molecular tyrosine-based switch at the TCR-CD3epsilon cytoplasmic tail
<b>Engel,</b> Tobias	German	Centre for Molecular Biology Severo Ochoa, Madrid, Spain	Royal College of Surgeons in Ireland, Dublin, Ireland	Imaging proteasome inhibition during seizure-induced cell death and epileptogenesis using a transgenic mouse model
<b>Fleck,</b> Christian	German	University of Edinburgh, UK	University of Freiburg, Germany	Light regulation of the <i>Arabidopsis thaliana</i> 's circadian clock
<b>Frenz,</b> Lucas	German	Harvard University, Boston, USA	University of Strasbourg, France	Development of an integrated microfluidic chip to screen gene libraries compartmentalized in pL-droplets
<b>Friedel,</b> Anna Maria	German	Institute of Human Genetics – CNRS UPR 1142, Montpellier, France	Friedrich Miescher Institute, Basel, Switzerland	Rfa1-t11 affects the interaction with Sgs1 and destabilizes replisome components at stalled replication forks
<b>Germer,</b> Frauke	German	Institute of Structural Biology, Grenoble, France	Botanisches Institut der Christian-Albrechts- Universität zu Kiel, Germany	Structural characterization of the [NiFe] hydrogenase from <i>Synechocystis</i> PCC 6803 by X-ray crystallography
<b>Heyse,</b> Katharina	German	Medical Research Council, Cambridge, UK	University Witten/Herdecke, Witten, Germany	Regulation of telomeric G-quadruplex structure
<b>Klepsch,</b> Mirjam	German	Enzymology Groningen Institute for Biomolecular Sciences & Biotechnology, The Netherlands	University of Stockholm, Sweden	Identification of the substrates of the Opp and Dpp peptide transporters from <i>Escherichia coli</i>

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<b>Lorenz,</b> Kristina	German	University of Rochester School of Medicine and Dentistry, Rochester, USA	University of Würzburg, Germany	Characterization of the ERK1/2/G $\beta$ interface as potential target for the treatment of cardiac hypertrophy
<b>Meyer-Baese,</b> Anke	German	EMBL, Heidelberg, Germany	Florida State University, Tallahassee, USA	Hyperbolic-SOM determined 3D active contours for membrane bilayer-bound surfaces
<b>Pasternack,</b> Sandra	German	University of Toronto, Canada	Institute of Human Genetics, Bonn, Germany	Identification of binding partners of the G protein-coupled receptor p2y5
<b>Pollex,</b> Tim	German	Institut Curie, Paris, France	German Cancer Research Center, Heidelberg, Germany	Investigation of the role of RNAi pathways in X chromosome inactivation
<b>Radozkowicz,</b> Limor	German	University of Saarland, Saarbrücken, Germany	Tel-Aviv University, Israel	Proton transfer in non homogenous environment
<b>Said,</b> Nelly	German	University of Cambridge, UK	Max Planck Institute for Infection Biology, Berlin, Germany	sRNA-mediated mRNA decay through RNase E
<b>Thurley,</b> Kevin	German	University of Cambridge, UK	Max-Delbrück Centre for Molecular Medicine, Berlin, Germany	Quantifying stochastic models of intracellular Ca <sup>2+</sup> dynamics
<b>Weissenborn,</b> Sönke	German	Royal Brisbane Hospital, Australia	University Hospital of Cologne, Germany	HPV infections in the development of non-melanoma skin cancer
<b>Drineas,</b> Petros	Greek	Democritus University of Thrace, Alexandroupoli, Greece	Rensselaer Polytechnic Institute, Troy, USA	Genome-wide analysis of population genetic structure in European and worldwide human populations
<b>Farmaki,</b> Elena	Greek	Karolinska Institute, Stockholm, Sweden	University of Athens Medical School, Greece	Regulation of PERK by the endoplasmic reticulum escort chaperone ERp29
<b>Gazi,</b> Anastasia	Greek	Institute of Structural Biology Jean-Pierre Ebel, Grenoble, France	University of Crete, Heraklion, Greece	Structural studies of the <i>Pseudomonas syringae</i> type III secretion system
<b>Georgitsi,</b> Marianthi	Greek	Erasmus Medical Center, Rotterdam, The Netherlands	University of Patras, Greece	Characterization of genetic determinants to lithium treatment response of bipolar patients
<b>Gouti,</b> Mina	Greek	University of Cambridge Hospitals NHS Foundation Trust, UK	Biomedical Research Foundation of the Academy of Athens, Greece	Inducible gene expression and directed neural differentiation of human embryonic stem cells
<b>Koumandou,</b> Vassiliki Lila	Greek	University of Alberta, Edmonton, Canada	University of Cambridge, UK	Evolutionary reconstruction of the retromer complex

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<b>Kyratzi, Elli</b>	Greek	University of Ottawa, Canada	Academy of Athens, Greece	Test of the selective neuroprotective effects of the S18Y polymorphic variant of UCH-L1 against oxidative insults <i>in vivo</i>
<b>Pavlopoulos, Anastasios</b>	Greek	Humboldt University of Berlin, Germany	University of Cambridge, UK	Comparative cell lineage analysis of serially homologous appendages using 4-D microscopy on genetically labeled crustacean embryos
<b>Polychronidou, Maria</b>	Greek	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Georg-August-University of Göttingen, Germany	Role of Kugelkern in genome stability
<b>Saitakis, Michail</b>	Greek	Spanish National Center of Biotechnology-Spanish National Research Council, Madrid, Spain	University of Crete, Heraklion, Greece	Preparation of T cell clones for two-dimensional characterization of TCR/pMHC binding
<b>Stathopoulou, Athanasia</b>	Greek	Medical Research Council, London, UK	University of Patras, Greece	Study of the <i>in vivo</i> role of Geminin in enteric neural precursor cells
<b>Adrienn, Angyal</b>	Hungarian	University of Sheffield, UK	Eötvös University, Budapest, Hungary	Cross-regulation of the PI3K and MAPK pathways via tribbles-Gab interaction
<b>Bihari, Péter</b>	Hungarian	University of Edinburgh, UK	Hungarian Academy of Sciences, Szeged, Hungary	Western palearctic phylogeography of a parasitoid wasp of oak galls: <i>Torymus auratus</i> (Hymenoptera: Torymidae)
<b>Czimmerer, Zsolt</b>	Hungarian	University of Leicester, UK	University of Debrecen, Hungary	Investigation of importance of GPS2-SMRT and TBL1-SMRT interactions during the SMRT/NCoR mediated gene silencing
<b>Dome,* Balazs</b>	Hungarian	Medical University of Vienna, Austria	National Koranyi Institute of Pulmonology, Budapest, Hungary	Role of lymphatic/vascular endothelial progenitor cells in human non-small cell lung cancer
<b>Ecsedi, Szilvia</b>	Hungarian	International Agency for Research on Cancer, Lyon, France	University of Debrecen, Hungary	Investigation of genetic and epigenetic background of gene expression alterations in human primary malignant melanoma
<b>Györi, Dávid</b>	Hungarian	The Babraham Institute, Cambridge, UK	Semmelweis University, Budapest, Hungary	Structure-function studies on DAP12 in primary murine osteoclasts using a retroviral reconstitution approach
<b>Kovacs, Erika</b>	Hungarian	University of North Carolina, Chapel Hill, USA	Hungarian Academy of Sciences, Budapest, Hungary	Studying the regulation of ryanodine receptors by sphingosylphosphorylcholine, focusing on the role of calmodulin
<b>Loza, Rita Bernadett</b>	Hungarian	Consiglio Nazionale delle Ricerche, Torino, Italy	Agricultural Biotechnology Centre, Gödöllő, Hungary	Characterization of the tomato yellow leaf curl virus (TYLCV) V2 silencing suppressor protein in planta
<b>Pécsi, Ildiko</b>	Hungarian	Infectious Disease Research Institute, London, UK	Hungarian Academy of Sciences, Budapest, Hungary	<i>In vivo</i> functional analysis of key enzymes in the thymidylate synthesis pathway in <i>Mycobacteria</i>

\*recipient of the 2009 EMBO Molecular Medicine Sabbatical



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<b>Dutta,</b> Samit Kumar	Indian	Ernst-Moritz Arndt University of Greifswald, Germany	Indian Institute of Chemical Technogy, Hyderabad, India	NMR structural and thermodynamic studies of drug-DNA interactions: a potential anticancer C2- fluoro substituted PBD agent and its complex with DNA
<b>Johnston,</b> Amal	Indian	Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Gatersleben, Germany	Swiss Federal Institute of Technology, Zurich, Switzerland	Gametic cell fate mechanisms in plants
<b>Panse,</b> Kalyani	Indian	Boston University School of Medicine, USA	Imperial College London, UK	Role of Follistatin-like 3 in the heart during cardiac stress
<b>Parsi,</b> Krishan Mohan	Indian	Institute of Molecular Oncology, Varkiza, Greece	Institute of Genetics and Biophysics – CNR, Naples, Italy	Purification and characterization of the nuclear specific DICER protein complex from mammalian cells
<b>Prabhu,</b> Ashok	Indian	University of Münster, Germany	University of Mysore, Manasagangotri, Mysore, India	Role of polygalacturonase-inhibitor proteins (PGIPs) in pearl millet – <i>Sclerospora graminicola</i> interaction: a unique host-pathogen system
<b>Sen,</b> Sonia	Indian	University of Basel, Switzerland	Tata Institute of Fundamental Research, Bangalore, India	Role of empty spiracles in the development of <i>Drosophila</i> olfactory receptor neurons
<b>Dunleavy,</b> Elaine	Irish	University of California, Berkeley, San Francisco, USA	Institut Curie – UMR218 CNRS, Paris, France	CENP-A and the epigenetic inheritance of centromere identity during the cell cycle in mammals
<b>Jefferies,</b> Caroline	Irish	Beth Israel Deaconess Medical Center, Boston, USA	Royal College of Surgeons in Ireland, Dublin, Ireland	Investigate innate immune signaling pathways in the human disease lupus
<b>Adamovich,</b> Yaarit	Israeli	Dana-Farber Cancer Institute, Boston, USA	The Weizmann Institute of Science, Rehovot, Israel	Regulation of PGC-1 protein stability through a unique metabolically regulated proteasomal degradation pathway
<b>Adamovich,</b> Yaarit	Israeli	Dana-Farber Cancer Institute, Boston, USA	The Weizmann Institute of Science, Rehovot, Israel	Regulation of PGC-1 protein stability through a unique metabolically regulated proteasomal degradation pathway
<b>Arbel,</b> Nir	Israeli	UCLA David Geffen School of Medicine, Los Angeles, USA	Ben-Gurion University in the Negev, Beer-Sheva, Israel	Solving the structure of the native VDAC protein
<b>Baranes-Bachar,</b> Keren	Israeli	National Cancer Institute, Bethesda (Maryland), USA	University of Tel Aviv, Israel	Identification of novel players in the interface between the DNA damage response and the ubiquitin system using high-throughput RNAi screens
<b>Bardoogo- Leichtmann,</b> Yael	Israeli	Washington State University, Pullman, WA, USA	Technion-Israel Institute of Technology, Haifa, Israel	Iron transport through the blood – testis barrier is misregulated in mice lacking the iron regulatory protein 2

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<b>Ben-Shitrit,</b> Taly	Israeli	University of Geneva, Switzerland	University of Tel Aviv, Israel	Roles of Elg1 and Stn1 in telomere length maintenance
<b>Coster,</b> Gideon	Israeli	Yale University School of Medicine, New Haven, USA	The Hebrew University of Jerusalem, Israel	Regulation of V(D)J recombination by MDC1
<b>Elishmereni,</b> Moran	Israeli	Finnish Institute of Occupational Health, Helsinki, Finland	The Hebrew University of Jerusalem, Israel	Analyzing mast cell-eosinophil interactions in an <i>in vivo</i> atopic dermatitis model
<b>Lugassi,</b> Nitsan	Israeli	Heinrich-Heine University, Düsseldorf, Germany	Ben-Gurion University, Beer Sheva, Israel	Using markers in the fil mutant to study the interactions between inflorescence meristem organization and floral organ identity and morphology
<b>Sade (Edelbaum),</b> Dagan	Israeli	German Collection of Microorganisms and Cell Cultures, Braunschweig, Germany	The Hebrew University of Jerusalem, Rehovot, Israel	Identification of genes / proteins involved in circular transmission of begomoviruses in whiteflies
<b>Steinitz,</b> Ofer	Israeli	Plant Genetics Institute, Firenze, Italy	The Hebrew University of Jerusalem, Israel	Quantifying dispersal processes in an expanding population of Aleppo pine ( <i>Pinus halepensis</i> ) by analysis of genetic polymorphism
<b>Stern-Ginossar,</b> Noam	Israeli	Heinrich-Heine-University, Düsseldorf, Germany	The Hebrew University Hadassah Medical School, Jerusalem, Israel	Generation of HCMV miRNAs deleted viruses for elucidating miRNA functions
<b>Zimmerman,</b> Gabriel	Israeli	University of Berkeley, USA	The Hebrew University of Jerusalem, Israel	Delineating the molecular mechanism(s) of Toll-like Receptor 9 effects on anxiety and neurogenesis
<b>Aria,</b> Valentina	Italian	University of Zurich-Irchel, Zurich, Switzerland	Consiglio Nazionale delle Ricerche, Naples, Italy	Does the human TIM-1/Tipin complex establish a direct physical/functional interaction with any of the replicative DNA polymerases?
<b>Borroni,</b> Elena Monica	Italian	Institut Pasteur, Paris, France	University of Milan, Italy	Understanding the molecular basis of chemokine receptors CXCR4 and D6 trafficking properties
<b>Bracciali,</b> Andrea	Italian	University of Cambridge, UK	University of Pisa, Italy	Model checking for the analysis of anti-HIV drug therapies and HIV-tuberculosis dynamics
<b>Butelli,</b> Eugenio	Italian	Spanish National Research Council, Valencia, Spain	John Innes Centre, Norwich, UK	High levels of anthocyanins result in tomato fruit with delayed ripening and increased shelf life
<b>Camarca,</b> Alessandra	Italian	University of Oslo, Norway	Institute of Food Sciences, Avellino, Italy	Generation of HLA-DQ2 tetramers specific for a novel immunodominant gliadin epitope in celiac disease patients
<b>Carletti,</b> Giorgia	Italian	Biological Research Center, Szeged, Hungary	Catholic University of Piacenza, Italy	Oxidative stress in <i>Medicago truncatula</i> mutants affected in flavonoid metabolism

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<b>Cerutti,</b> Aurora	Italian	Genomic Vision, Paris, France	FIRC Insitute of Molecular Oncology Foundation, Milan, Italy	Impact of oncogene activation on DNA replication in human fibroblast
<b>Cogliati,</b> Clelia	Italian	University of Birmingham, UK	University of Verona, Italy	Interaction studies of bile acids with nuclear receptors and cytoplasmic transporters involved in the cholesterol and bile acids homeostasis: characterization of transport mechanisms
<b>Colozza,</b> Gabriele	Italian	University of Cambridge, UK	University of Siena, Italy	Molecular and Functional characterization of <i>Drosophila</i> nucleoporin Nup154
<b>Conigliaro,</b> Alice	Italian	University of California, San Diego, USA	University Sapienza of Rome, Italy	Identification of the role of resident liver stem cells (RLSC) as precursors of hepatic stellate cells
<b>De Bernardi,</b> Sriti Elisabeth	Italian	University of Lausanne, Switzerland	University of Varese, Italy	Studying catecholamine exocytosis in human lymphocytes with imaging technologies
<b>Faraco,</b> Marianna	Italian	VU University, Amsterdam, The Netherlands	University of Salento, Lecce, Italy	<i>In vivo</i> study of plant SNAREs specificity and function
<b>Ferrantini,</b> Filippo	Italian	Faculty of Medicine UMR 6020, Marseille, France	University of Pisa, Italy	Cultivation in cell line and genomic characterization of protist-borne Rickettsiae
<b>Franci,</b> Gianluigi	Italian	The Nijmegen Centre for Molecular Life Sciences, The Netherlands	Second University of Naples, Italy	Effect of epidrugs on DNA binding proteome by SILAC and mass spectrometry in breast cancer cells
<b>Ganassi,</b> Massimo	Italian	King's College London, UK	University of Modena and Reggio Emilia, Italy	Investigation of the role of covalent modifications of Mef2C protein in the formation and differentiation of vertebrate skeletal muscle cells in zebrafish
<b>Guarnera,</b> Andrea	Italian	Max Planck Institute for Developmental Biology, Tübingen, Germany	University of Catania, Italy	<i>In silico</i> and cristallography X-ray investigations in the VDAC isoforms: a deep insight in the structure–function correlation of the eukaryotic porins
<b>Guerra,</b> Davide	Italian	Research Centre for Plant Biotechnology and Genomics (CBGP-UPM-INIA), Madrid, Spain	Council of Experimental Research in Agriculture Centre for Genomic Research, Fiorenzuola d'Arda, Italy	Identification of target proteins of stress-regulated ring finger E3 ubiquitin ligases
<b>Imperi,</b> Francesco	Italian	University of Nottingham, UK	University Roma Tre, Italy	PPK-mediated control of iron uptake mechanisms in <i>Pseudomonas aeruginosa</i> : a transcriptomic investigation
<b>Langellotto,</b> Fernanda	Italian	Massachusetts General Hospital, Boston, USA	Anton Dohrn Zoological Station of Naples, Italy	Functional analysis of heme binding proteins in renal hematopoiesis

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<b>Lirussi,</b> Lisa	Italian	European Molecular Biology Laboratory, Heidelberg, Germany	University of Udine, Italy	Membrane targeting by lipid-binding domains in yeast
<b>Mercadante,</b> Davide	Italian	University of Cambridge, UK	The University of Auckland, New Zealand	Molecular determinants of the biological activity of the phytopathogen pectin methylesterase
<b>Merlini,</b> Laura	Italian	Swiss Federal Institute of Technology Zurich, Switzerland	University of Milan-Bicocca, Italy	Regulation of septin dynamics by Rho1 GTPase
<b>Orlacchio,</b> Arturo	Italian	European Molecular Biology Laboratory, Heidelberg, Germany	Biogem S.C.A.R.L., Ariano Irpino, Italy	Collective migration in thyroid development, a translational approach integrating murine and zebrafish models
<b>Paoletti,</b> Francesca	Italian	National Institute for Medical Research, London, UK	European Brain Research Institute – “Rita Levi-Montalcini” Foundation, Rome, Italy	Structural determination of recombinant mouse NGF and proNGF by NMR
<b>Papetti,</b> Chiara	Italian	Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Germany	University of Padova, Italy	Mitochondrial functionality in ND6 lacking notothernioids
<b>Poletto,</b> Mattia	Italian	European Molecular Biology Laboratory, Heidelberg, Germany	University of Udine, Italy	Biochemical methods to the charting of protein–lipid interaction
<b>Proietti De Santis,</b> Luca	Italian	Institute of Genetics and Molecular and Cellular Biology, Illkirch, France	University of Tuscia, Viterbo, Italy	Genome-wide profile of cocakayne syndrome B protein/DNA association using chromatin immunoprecipitation and massive parallel sequencing
<b>Sarno,</b> Francesca	Italian	Bioscience Institute, University of São Paulo, Brazil	Spanish National Research Council, Madrid, Spain	Effect of microinjected transformer-2 dsRNA on the sexual development of <i>Anastrepha obliqua</i> (fruit fly)
<b>Schiavi,</b> Alfonso	Italian	Institute of Molecular Biology and Biotechnology, Heraklion, Greece	University of Rome ‘Tor Vergata’, Italy	Modeling Friedreich Ataxia in <i>C. elegans</i> : the role of autophagy in response to frataxin deficiency
<b>Sertic,</b> Sarah	Italian	University of Sussex, Brighton, UK	University of Milan, Italy	Human exonuclease 1 role in response to UV irradiation
<b>Vanzulli,</b> Silvia	Italian	University of Zurich, Switzerland	State University of Milan, Italy	Characterization of LMW59, a putative target of AGL23
<b>Vicario,</b> Annalisa	Italian	Johns Hopkins University, Baltimore, USA	University of Trieste, Italy	Identification of RNA binding proteins involved in BDNF mRNA recognition and trafficking
<b>Zanoni,</b> Ivan	Italian	Harvard Medical School, Boston, USA	University of Milan-Bicocca, Italy	Study of the mechanisms through which CD14 controls the TLR4 TRAM-TRIF pathway

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<b>Melko,</b> Mireille	Lebanese	Women's and Children's Hospital, Adelaide, Australia	Institute of Molecular and Cellular Pharmacology – CNRS UMR6097, Valbonne, France	Molecular pathology of fragile mental retardation
<b>Armalyte,</b> Julija	Lithuanian	University of Groningen, Haren, The Netherlands	Vilnius University, Lithuania	Role of Spx-like regulators in concerted bacterial response to multiple stress conditions and in antimicrobial resistance
<b>Fornelos,</b> Nadine	Luxembourgish	University of Jyväskylä, Finland	Catholic University of Leuven, Belgium	Protein p6 is an activator of the lytic switch in the temperate tectiviral phage pGIL01
<b>Phng,</b> Li-Kun	Malaysian	Goethe University, Frankfurt, Germany	Cancer Research UK, London Research Institute, UK	Defining the molecular signaling networks of the Notch-regulated ankyrin repeat protein (Nrarp) during sprouting angiogenesis role of Foxo transcription factors
<b>Garcia Solache,</b> Monica Adriana	Mexican	European Molecular Biology Laboratory, Barcelona, Spain	University Museum of Zoology, Cambridge, UK	Quantifying gap gene expression in the basal fly <i>Clogmia albipunctata</i>
<b>Preciado Lopez,</b> Magdalena	Mexican	University of Tokyo, Japan	The Dresden University of Technology, Germany	Purification and biochemical characterization of the motor protein axonemal dynein from the biflagellate algae <i>Chlamydomonas reinhardtii</i>
<b>Toledo-Ortiz,</b> Gabriela	Mexican	University of Texas, Austin, USA	Centre de Recerca Agrigenomica, Barcelona, Spain	Role of the basic-helix-loop-helix (bHLH) transcription factor PIF1 in the transcriptional regulation of carotenogenesis by light
<b>Hussain,</b> Khadim	Pakistani	University of Basel, Switzerland	Agricultural Biotechnology Division National Institute for Biotechnology and Genetic Engineering, Faisalabad, Pakistan	Suppressors of RNA silencing encoded by cotton leaf curl Burewala virus, a resistance breaking species
<b>Rehman,</b> Shoab ur	Pakistani	University of Copenhagen, Denmark	National Institute for Biotechnology and Genetic Engineering, Faisalabad, Pakistan	Gene identification and their functional analysis for autosomal recessive Mental Retardation (ARMR) in consanguineous Pakistani families
<b>Bobis-Wozowicz,</b>	Polish	Smurfit Institute of Genetics, Dublin, Ireland	Jagiellonian University Medical College, Krakow, Poland	Production in a large scale an AAV-COL1A1-inactivating vector – the first step of gene therapy for osteogenesis imperfecta
<b>Graczyk,</b> Damian	Polish	Institute of Biology Technologies Saclay, Cif-sur-Yvette, France	Polish Academy of Sciences, Warsaw, Poland	Role of CK2 kinase in Maf1-dependent RNA polymerase III transcription regulation
<b>Kraszewska,</b> Monika	Polish	University Medical Center Rotterdam, The Netherlands	Institute of Human Genetics – Polish Academy of Sciences, Posen, Poland	Point mutations in NOTCH1 and FBXW7 and internal tandem duplication (ITD) in FLT3 gene in patients with T cell acute lymphoblastic leukemia (T-ALL)

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<b>Orlowski,</b> Jerzy	Polish	University of Manchester, Manchester, UK	International Institute of Molecular and Cell Biology, Warsaw, Poland	Automatic matching biological data with web services that can process it
<b>Samolska Klein,</b> Ilanit	Polish	The Hebrew University of Jerusalem, Rehovot, Israel	Centro Hispano-Luso de Investigaciones Agrarias, Salamanca, Spain	Evaluation of the plant root colonization capacity of different <i>T. harzianum</i> CECT 2413 strains mutated in two genes potentially involved in <i>Trichoderma</i> -plant interactions
<b>Trzaskowski,</b> Bartosz	Polish	International Institute of Molecular and Cell Biology, Warsaw, Poland	California Institute of Technology, Pasadena, USA	First principles predictions of the structure and function of CCR5 chemokine receptor
<b>Wojciechowicz,</b> Kamila	Polish	Columbia University, New York, USA	Durham University, UK	A developmental study of skin adipogenesis <i>in vivo</i> and control of adipocyte differentiation in three dimensions <i>in vitro</i>
<b>Pinto Desterro ,</b> Maria Joana	Portuguese	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Molecular Medicine Institute, Lisbon, Portugal	Is microRNA-mediated translational repression involved in auto-regulation of heterodimeric splicing factor U2AF?
<b>Barros,</b> Patrícia	Portuguese	Imperial College London, UK	National Institute of Health 'Dr. Ricardo Jorge', Lisbon, Portugal	Mechanism and consequence of Rac1/PAK1-regulated BCL-6 dependent transcriptional repression
<b>Carvalho,</b> Sílvia	Portuguese	The Weizmann Institute of Science, Rehovot, Israel	Institute of Molecular Pathology and Immunology of the University of Porto, Portugal	EGFR <i>et al</i> – involvement in basal-like tumours
<b>Casimiro,</b> Sandra	Portuguese	University of Virginia, USA	Faculty of Medicine from Lisbon University, Portugal	RANKL plays a role in migration and invasion of human breast cancer cells by up-regulating MMP1
<b>Correia,</b> Ana	Portuguese	University of Bonn, Germany	New University of Lisbon, Portugal	Effect of Friedreich Ataxia mutations on the biogenesis and stability of human frataxin
<b>Correia,</b> Joana	Portuguese	Centre for Genomic Regulation, Barcelona, Spain	Institute of Molecular Pathology and Immunology of the University of Porto, Portugal	Prediction of the impact of missense mutations in E-cadherin stability and dynamics, and its relevance in gastric cancer development
<b>Roque,</b> Helio	Portuguese	King's College London, UK	European Molecular Biology Laboratory, Heidelberg, Germany	Functional analysis of debrin in neuronal differentiation and growth cone pathfinding
<b>Sipos,</b> Botond	Romanian	European Molecular Biology Laboratory, Hinxton, UK	Institute of Genetics, Szeged, Hungary	Monte Carlo simulation of sequence evolution in the R statistical computing environment

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Afonina, Zhanna</b>	Russian	Institute of Genetics and of Molecular and Cellular Biology, IGBMC – UMR 7104, Strasbourg, France	Russian Academy of Sciences, Pushchino, Russia	Cryo-electron microscopy analysis of eukaryotic polysomes
<b>Antonina, Aleksandrova</b>	Russian	Institute of Molecular Biotechnology GmbH, Vienna, Austria	Russian Cancer Research Center, Moscow, Russia	Actin filament reorganisation during early adhesion formation in migrating cells
<b>Ivankov, Dmitry</b>	Russian	Centre for Genomic Regulation, Barcelona, Spain	Russian Academy of Sciences, Pushchino, Russia	Mode of natural selection acting on compensatory substitutions of residues critical for structural stability in protein – protein interactions
<b>Sarskikh, Alena</b>	Russian	Innsbruck Medical University, Austria	Russian Academy of Sciences, Pushchino, Russia	Kinetic studies of interaction of ribosomal protein L4 and its mutant form with specific fragments of mRNA and rRNA and crystallization of stable L4-RNA complexes
<b>Foo, Yong Hwee</b>	Singaporean	European Molecular Biology Laboratory, Heidelberg, Germany	National University of Singapore, Singapore	Fluorescence (cross-) correlation spectroscopy in zebrafish embryos for the investigation of developmental biology questions
<b>Lee, Xiaoyun</b>	Singaporean	Harvard Medical School, Boston, USA	University of Lausanne, Switzerland	Biosynthesis of the <i>Pseudomonas aeruginosa</i> antimetabolite L-2-amino-4-methoxy-trans-3-butenic acid (AMB)
<b>Lim, Benson</b>	Singaporean	Heidelberg Institute for Plant Science, Germany	University of Melbourne, Australia	Glutathione metabolism in <i>Arabidopsis</i>
<b>Bauerová, Vladena</b>	Slovakian	University of Cardiff, UK	Institute of Molecular Biology, Bratislava, Slovakia	Purification, characterisation and crystallization of N-terminal domains of human ryanodine receptor 2 for heart
<b>Gullerova, Monika</b>	Slovakian	Harvard Medical School, Boston, USA	University of Oxford, UK	Relationship of chromatin structure and gene orientation to transcription
<b>Hruska-Plochan, Marian</b>	Slovakian	University of Aarhus, Denmark	Institute of Animal Physiology and Genetics, Libechev, Czech Republic	Generation of a porcine model of Huntington's disease
<b>Jandzik, David</b>	Slovakian	University of Cambridge, UK	Comenius University, Bratislava, Slovakia	Development and evolution of vertebrate appendages: analysis of posterior Hox and Shh pathway gene expression patterns during bichir fin development
<b>Rajman, Marek</b>	Slovakian	University of California, San Francisco, USA	Weizmann Institute of Science, Rehovot, Israel	Proteomic analysis of regenerating nerve axons
<b>Vidova, Barbora</b>	Slovakian	University of Denmark, Kongens Lyngby, Denmark	Institute of Molecular Biology, Bratislava, Slovakia	Structure – function relationships in the carbohydrate-binding domain family CBM45

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Anderluh, Gregor</b>	Slovenian	University of Oxford, UK	University of Ljubljana, Slovenia	Structural studies of human perforin by cryo-electron microscopy
<b>Frajman, Bozo</b>	Slovenian	University of Vienna, Austria	Biotechnical Faculty, Ljubljana, Slovenia	Using molecular markers to reveal phylogenetic and phylogeographic patterns within the <i>Heliosperma pusillum</i> group (Sileneae, Caryophyllaceae)
<b>Jevnikar, Zala</b>	Slovenian	University of Lausanne, Epalinges, Switzerland	University of Ljubljana, Slovenia	Interaction of cathepsin X with $\beta$ 2 integrins
<b>Semenic, Tina</b>	Slovenian	University of Tel Aviv, Israel	University of Ljubljana, Slovenia	Expression of cspA gene during temperature cycling in bacteria <i>Escherichia coli</i>
<b>Bhoola, Nimisha Harshadrai</b>	South African	University of Hamburg, Germany	University of the Witwatersrand, Johannesburg, South Africa	Unfolded protein response (UPR) in cultured cells expressing either wild-type or mutant HBeAG of Hepatitis B virus
<b>Adrover, Miguel</b>	Spanish	Medical Research Council, London, UK	University of Balearic Islands, Palma of Mallorca, Spain	Testing the hypothesis of frataxin as a gate-keeper of FE-S cluster formation in eukaryotes
<b>Aguera-Gonzalez, Sonia</b>	Spanish	National Institute of Allergy and Infectious Diseases, Rockville, USA	University of Cambridge, UK	Lipid microenvironment of MHC class I Chain related molecules (MICs): implications for immune recognition
<b>Arman Albert, Monica</b>	Spanish	Nanyang Technological University, Singapore	University of Edinburgh, UK	Genome-wide transcriptional profile analysis of platelet-mediated clumping <i>Plasmodium falciparum</i> parasites
<b>Banon, Inmaculada</b>	Spanish	King's College London, UK	Spanish National Biotechnology Centre, Madrid, Spain	Importance of WIP in actin reorganization of dendritic cells
<b>Castellsagué, Ester</b>	Spanish	University of Michigan, Ann Arbor, USA	Catalan Institute of Oncology, Barcelona, Spain	Expression analysis of APC gene in carriers of Ashkenazi Jewish mutation I1307K. Study of its contribution to tumourigenesis
<b>Castillo, Sandra</b>	Spanish	Medical Research Council, London, UK	Hospital Duran i Reynals, Barcelona, Spain	Identification and characterization of cancer initiating cells from lung cancer cell lines
<b>Etxebeste, Oier</b>	Spanish	Institute for Applied Life Sciences, Karlsruhe, Germany	University of the Basque Country, Donostia-San Sebastián, Spain	Study of study of the signalling complex associated to the apical growth machinery in <i>Aspergillus nidulans</i>
<b>Fernandez-Pilar, Regina</b>	Spanish	University of Nottingham, UK	Zaidin Experimental Station, Granada, Spain	Identification of a novel cell-cell signalling system in <i>Pseudomonas putida</i> KT2440
<b>Hernandez Vega, Amayra</b>	Spanish	Vanderbilt University, Nashville, USA	Spanish National Research Council, Barcelona, Spain	Enhancer trap screening for zebrafish early developmental expression
<b>Ibircu Urriza, Iosune</b>	Spanish	Harvard Medical School, Boston, USA	Max Planck Institute of Biochemistry, Martinsried, Germany	Role of clathrin during Herpes simplex virus 1 secondary envelopment and exit from host cells



NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Lopez Sanchez, Ana</b>	Spanish	University of Washington, Saint Louis, USA	Polytechnic University of Valencia, Spain	Analysis of the nuclear dynamics of RdDM pathway components during plant-pahogen interaction
<b>Martin Jaular, Lorena</b>	Spanish	The Johns Hopkins Bloomberg School of Public Health, Baltimore, USA	Barcelona Centre for International Health Research, Spain	Immunogenic properties of exosomes in reticulocyte-prone non lethal malaria
<b>Martin, Maria Jose</b>	Spanish	University of Sussex, Falmer, UK	Centre for Molecular Biology Severo Ochoa, Madrid, Spain	Characterization of a novel pre-ternary complex involving a prokaryotic NHEJ polymerase
<b>Merino Morillo, Sandra</b>	Spanish	Biozentrum, University of Basel, Switzerland	Cajal Institute, Madrid, Spain	Analysis of p75ICD participation in the apoptosis mechanism induced by TrkA and TrkC
<b>Molina, Carlos Alfonso</b>	Spanish	University of Oxford, UK	University of Granada, Spain	Effect of the presence of <i>Bacillus pumilus</i> on the bacterial gut community of the mediterranean fruit fly ( <i>Ceratitis capitata</i> ) larvae
<b>Montserrat, Verónica</b>	Spanish	University of Oxford, UK	University of Amsterdam, The Netherlands	Role of MARCH-II in the CD1d pathway
<b>Monturus de Carandini, Estefania</b>	Spanish	French National Center for Scientific Research – UPR 1142 (CNRS), Montpellier, France	Spanish National Research Council, Madrid, Spain	Comparison of the replication patterns in differentiated and non differentiated erythroleukemia cells
<b>Ortega Roldan, Jose Luis</b>	Spanish	Vrije Universiteit Brussels, Belgium	University of Granada, Spain	Role of dynamics in the complex between the third SH3 domain of CD2AP and ubiquitin studied by NMR residual dipolar couplings
<b>Ortega-Villasante, Cristina</b>	Spanish	University of Umeå, Sweden	Autonomous University of Madrid, Spain	Characterization of the elements involved in N-glycoprotein trafficking to the chloroplast through the endomembrane system
<b>Palomino del Castillo, Carmen</b>	Spanish	Swiss Federal Institute of Technology Zurich, Switzerland	Spanish National Biotechnology Centre – Spanish National Research Council, Madrid, Spain	<i>In vitro</i> study of the role of specific residues of protein FimH and the activation of FimD type 1 fimbriae biogenesis
<b>Perales Viejo, Celia</b>	Spanish	Institut Pasteur, Paris, France	Spanish National Research Council – Autonomous University of Madrid, Spain	Insights into the mechanism of lethal mutagenesis using differential DNA denaturation PCR (3D-PCR)
<b>Perez-Gonzalez, Alicia</b>	Spanish	University of Massachusett, Worcester, USA	Spanish National Research Council, Madrid, Spain	Study of the functional relevance of the hCLE protein in localized translation in polarized cells

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Purswani,</b> Jessica	Spanish	Helmholtz Centre for Environmental Research, Leipzig, Germany	University of Granada, Spain	Molecular biology of the t-amyl methyl ether (TAME) degradation pathway in <i>Acinetobacter calcoaceticus</i> M10
<b>Rabadan,</b> Angeles	Spanish	University College London, UK	Spanish National Research Council, Barcelona, Spain	Locomotion of neural crest cells
<b>Refolio Carnicero,</b> Esther Hortensia	Spanish	Center for Cancer Research, Bethesda, USA	University of Salamanca, Spain	Study of the protein Ddc2 Role in the Meiotic Recombination Checkpoint
<b>Resa Infante,</b> Patricia	Spanish	Harvard Medical School, Boston, USA	Spanish National Research Council, Madrid, Spain	Functional dissection of an RNA synthesis machine: the domain structure of the vesicular stomatitis virus L protein
<b>Rivas Peña,</b> Maria Luisa	Spanish	Developmental Biology Institute of Marseille-Luminy, Marseille, France	University Pablo de Olavide, Seville, Spain	Study of competition between ABD-B and cofactors EXD and HTH from a biochemical point of view
<b>Ruiz-Saenz,</b> Ana	Spanish	Erasmus University Medical Center Rotterdam, The Netherlands	Centre for Molecular Biology Severo Ochoa, Madrid, Spain	Role of protein 4.1R in microtubule dynamics and stabilization at the leading edge of migrating cells
<b>Sala,</b> Esther	Spanish	University of Lausanne, Switzerland	Rovira and Virgili University, Tarragona, Spain	<i>In silico</i> methodologies for design functional food in order to prevent cardiovascular diseases
<b>Terriente,</b> Ana	Spanish	Erasmus Medical Centre Rotterdam, The Netherlands	Autonomous University of Madrid, Spain	Mechanisms of EGFR target genes regulation by the BAP and PBAP complexes in the <i>Drosophila melanogaster</i> wing
<b>Varela-Alvarez,</b> Lorena	Spanish	University of Liège, Belgium	University of Granada, Spain	Characterization by stopped-flow folding kinetics of partially-folded amyloidogenic states of the SH3 domain
<b>Villar,</b> Diego	Spanish	Graz University of Technology, Austria	Autonomous University of Madrid, Spain	Computational assesment of transcription factor cooperation on hypoxia-inducible factor (HIF) responsive enhancers: integration of in-depth sequence analysis and ChIP-chip data
<b>Segerstolpe,</b> Åsa	Swedish	University of Edinburgh, UK	Stockholm University, Sweden	<i>In vivo</i> mapping of binding sites for Mrd1p on pre-ribosomal RNA
<b>Croset,</b> Vincent	Swiss	European Molecular Biology Laboratory, Heidelberg, Germany	Center for Integrative Genomics, Lausanne, Switzerland	Phylogenetic and evolutionary analysis of iGluRs/IRs
<b>Gursoy-Yuzugullu,</b> S. Ozge	Turkish	Institut Albert Bonniot, Grenoble, France	Bilkent University, Ankara, Turkey	Characterization of the role of p53-249ser mutant in hepatocellular carcinoma
<b>Hatirnaz,</b> Özden	Turkish	Erasmus University Medical Center, Rotterdam, The Netherlands	Istanbul University, Turkey	Gene expression profiling of Turkish T-ALL patients

NAME	NATIONALITY	HOST LABORATORY	HOME LABORATORY	RESEARCH INTEREST
<b>Yelboga,</b> Emrah	Turkish	Istituto di Chimica del Riconoscimento Molecolare, Milan, Italy	Istanbul Technical University, Turkey	Structural characterization of D195S, N187E, N147R, H13E, Q105R mutants of <i>Candida methylca</i> FDH by using circular dichroism and fourier transform infrared spectroscopy
<b>Gorbenko,</b> Olena	Ukrainian	University Medical Center, Utrecht, The Netherlands	Institute of Molecular Biology and Genetics, Kiew, Ukraine	PTEN – FBP4 interaction – missing link in cell signalling and differentiation
<b>Lucic,</b> Bojana	Yugoslavian	Imperial College London, UK	International Centre for Genetic Engineering and Biotechnology, Trieste, Italy	Cryo-EM studies on the human RECQ1 Helicase
<b>Sjekloca,</b> Ljiljana	Yugoslavian	European Molecular Biology Laboratory, Grenoble, France	Medical Research Council, London, UK	Structure determination of FMRP, the protein responsible for fragile X mental retardation

## applications and awards 2000–2009

country from	applications	% of total	awards	% of total	success rate %
Austria	28	1	15	0	54
Belgium	64	2	45	2	70
Croatia	28	1	14	1	50
Czech Republic	71	2	41	2	58
Denmark	23	1	12	1	52
Estonia	4	0	3	0	75
Finland	32	1	21	1	66
France	221	6	135	7	61
Germany	238	7	134	7	56
Greece	127	4	71	4	56
Hungary	84	2	50	3	60
Iceland	12	0	7	0	58
Ireland	36	1	20	1	56
Israel	134	4	92	5	69
Italy	524	15	264	14	50
Luxembourg	0	0	0	0	0
The Netherlands	94	3	59	3	63
Norway	13	0	6	0	46
Poland	126	4	57	3	45
Portugal	69	2	38	2	55
Slovak Republic	7	0	6	0	86
Slovenia	42	1	19	1	45
Spain	554	16	294	16	53
Sweden	38	1	26	1	68
Switzerland	53	1	34	2	64
Turkey	72	2	28	2	39
United Kingdom	140	4	91	5	65
Eastern Europe	239	7	107	6	45
Others	351	10	160	9	46
<b>Total</b>	<b>3424</b>	<b>100</b>	<b>1849</b>	<b>100</b>	<b>54</b>

## applications and awards 1977–2009

year	applications	awards	success rate %	year	applications	awards	success rate %
2009	495	255	52	1979	344	243	71
2008	395	213	54	1978	349	244	70
2007	409	211	52	1977	294	213	72
2006	393	194	49				
2005	383	201	52				
2004	301	167	55				
2003	289	138	48				
2002	252	170	67				
2001	233	124	53				
2000	274	176	64				
1999	230	138	60				
1998	279	143	51				
1997	339	188	55				
1996	316	180	57				
1995	325	187	57				
1994	369	203	55				
1993	376	209	55				
1992	351	213	61				
1991	344	194	56				
1990	346	211	61				
1989	331	199	60				
1988	351	211	60				
1987	301	212	70				
1986	309	215	70				
1985	304	221	73				
1984	320	226	71				
1983	335	223	67				
1982	321	213	66				
1981	339	235	69				
1980	357	242	68				

## applications

to	from	Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Irish	Israeli	Italian	Luxembourgian	Dutch	Norwegian	Polish	Portuguese	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British	Eastern European nationalities	US-American/Canadian	Other nationalities	Total
Austria				1						1		1											1	1			1	3	1	2	12	
Belgium									1								1							3					1	2	8	
Croatia																				1											1	
Czech Republic																1															1	
Denmark		1			1					1						1						1		2						1	8	
Estonia																															0	
Finland		1													1	1														1	4	
France		1			1				1	2	1	2				7	2		2	1				10	2	1	3	3	6	7	52	
Germany			2					2	3						4	5	1			2			4		1	1	6		2	15	48	
Greece																2													1	1	4	
Hungary																1															1	
Iceland																															0	
Ireland										1						1			1												3	
Israel	1																2			1		1	1								6	
Italy					1				2			1	1	1			1	1	1	1	1		1				2	1	1	4	18	
Luxembourg																															0	
The Netherlands								1		4	2					6			1				3	1		2		3	1	1	25	
Norway									1							1															2	
Poland																1							1						1		3	
Portugal																				1			1						2		4	
Slovak Republic																															0	
Slovenia																															0	
Spain		1	1	1		1				2	1			1		6			1	1	2			2	1		3	2	1	14	41	
Sweden											1					2				2			1	2			1	1		1	11	
Switzerland		1						1		2					1	8						1	6						2	5	28	
Turkey																1															1	
UK		1		3	1				7	8	3	6			1	15	4		1	2	2	1	20	1	1	1		1	2	10	91	
EMBL									1							4	1									2			1	1	10	
Eastern Europe																															0	
USA/Canada	2			2				1	5	8	2	1		3	11	17	4				2		3	23		3		10		1	1	99
Others									2	4						1					1		2	1			3				14	
<b>Total</b>		<b>3</b>	<b>8</b>	<b>2</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>23</b>	<b>33</b>	<b>10</b>	<b>11</b>	<b>0</b>	<b>5</b>	<b>19</b>	<b>81</b>	<b>0</b>	<b>16</b>	<b>1</b>	<b>11</b>	<b>13</b>	<b>3</b>	<b>9</b>	<b>79</b>	<b>5</b>	<b>10</b>	<b>7</b>	<b>28</b>	<b>14</b>	<b>22</b>	<b>66</b>	<b>495</b>

## awards

to	from	Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Irish	Israeli	Italian	Luxembourgian	Dutch	Norwegian	Polish	Portuguese	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British	Eastern European nationalities	US-American/Canadian	Other nationalities	Total
Austria										1													1	1				2		1	6	
Belgium																								2						1	3	
Croatia																															0	
Czech Republic																															0	
Denmark			1		1																	1		1						1	5	
Estonia																															0	
Finland			1												1	1															3	
France			1		1					2	1	1				4	1		1					3	2	1	2	1	3	3	27	
Germany			2					1	2						4	2				1			2		1		5		1	8	29	
Greece																2													1		3	
Hungary																1															1	
Iceland																															0	
Ireland																				1											1	
Israel		1																2			1		1	1							6	
Italy									2			1			1			1									1	1		2	9	
Luxembourg																															0	
The Netherlands										1	1					2			1					2	1		1	2			11	
Norway																1															1	
Poland																													1		1	
Portugal																													1		1	
Slovak Republic																															0	
Slovenia																															0	
Spain			1				1			1	1			1		1					1						3	2		4	16	
Sweden											1													1						1	3	
Switzerland			1					1		1					1	4					1		1	3					1	3	17	
Turkey																															0	
UK			1		3	1			2	6	2	6				8	2		1	1	1	2	1	8	1	1		1	2	49		
EMBL								1								3	1									2			1	1	9	
Eastern Europe																															0	
USA/Canada		1			1				4	5	1	1		1	9	5	1				1			8	1		7				46	
Others									2	2														1	1		2				8	
<b>Total</b>		<b>2</b>	<b>8</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>13</b>	<b>19</b>	<b>7</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>16</b>	<b>34</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>33</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>20</b>	<b>7</b>	<b>10</b>	<b>27</b>	<b>255</b>

## young investigators 2009

<b>name</b>	<b>nationality</b>	<b>institute</b>	<b>research interest</b>	<b>country</b>
<b>Bettencourt-Dias, Mónica</b>	Portuguese	Gulbenkian Institute, Oeiras	Centriole and cilia biogenesis	Portugal
<b>Blanpain, Cédric</b>	Belgian	Free University of Brussels	Stem cells	Belgium
<b>Carleton, Alan</b>	French	University of Geneva	Migration of adult-born neurons	Switzerland
<b>Gerlich, Daniel</b>	German	ETH Zurich	Mechanisms of cell division	Switzerland
<b>Hoogenraad, Casper</b>	Dutch	Erasmus Medical Center, Rotterdam	Synaptic protein transport	The Netherlands
<b>Jovine, Luca</b>	Italian	Karolinska Institute, Huddinge	Protein complexes in egg-sperm recognition	Sweden
<b>Marston, Adèle</b>	British	University of Edinburgh	Mechanism of chromosome segregation	United Kingdom
<b>Martin, Sophie</b>	Swiss	University of Lausanne	Cell polarization	Switzerland
<b>Meraldi, Patrick</b>	Swiss	ETH Zurich	Chromosome movement during cell division	Switzerland
<b>M. Madan, Babu</b>	Indian	MRC-LMB, Cambridge	Computational genomics	United Kingdom
<b>Odom, Duncan</b>	American	Cancer Research UK, Cambridge	Control of transcription in mammals	United Kingdom
<b>Polo, Simona</b>	Italian	IFOM Foundation-FIRC Institute, Milan	Regulatory roles of ubiquitin	Italy
<b>Ricci, Romeo</b>	Swiss/Italian	ETH Zurich	Signal transduction in the metabolic syndrome	Switzerland
<b>Roska, Botond</b>	Hungarian	Friedrich Miescher Institute, Basel	Neural circuit function	Switzerland
<b>Schratt, Gerhard</b>	German	University of Heidelberg	microRNA function in synaptic development	Germany
<b>Sorek, Rotem</b>	Israeli	Weizmann Institute of Science, Rehovot	Microbial genomics and transcriptomics	Israel
<b>Walther, Tobias</b>	German	MPI for Biochemistry, Martinsried	Lipid biology	Germany



## installation grant recipients 2009

name	nationality	moving from	moving to	research interest
Baena-González, Elena	Spanish	Harvard Medical School, Boston, MA, United States	Gulbenkian Institute of Science, Oeiras, Portugal	Stress adaptation in plants
Bařinka, Cyril	Czech	National Cancer Institute, Frederick, MD, United States	Institute of Biotechnology, Prague, Czech Republic	Biochemistry of glutamate carboxypeptidase
Bednarek, Paweł	Polish	MPI for Plant Breeding Research, Cologne, Germany	Polish Academy of Sciences, Poznan, Poland	Antimicrobial molecules in plants
Chacinska, Agnieszka	Polish	University of Freiburg, Germany	IIMCB, Warsaw, Poland	Mitochondrial proteins
Zíková, Alena	Czech	Seattle Biomedical Research Institute, WA, United States	Institute of Parasitology, Ceske Budejovice, Czech Republic	F <sub>o</sub> F <sub>1</sub> -ATP synthase in parasitic protozoa

## young investigators 2000–2008

<b>A</b>	Adams, Ralf Agami, Reuven Allain, Frederic Alon, Uri Antonny, Bruno Arber, Silvia Arkowitz, Robert Arribas, Joaquin Ashe, Hilary Averof, Michalis	<b>C</b>	Casares, Fernando Cavaillé, Jérôme Chin, Jason Chiti, Fabrizio Christoforidis, Savvas Clausen, Tim Collinson, Ian Conradt, Barbara Cosma, Maria Pia Costanzo, Vincenzo Cramer, Patrick Currie, Peter	<b>F</b>	Fankhauser, Christian Fernández-Capetillo, Óscar Fernandez-Chacon, Rafael Friml, Jirí Fuks, François	<b>K</b>	Kaessmann, Henrik Ketting, René Khakh, Baljit Klaholz, Bruno Knoblich, Jürgen Köhler, Claudia Konieczny, Igor Kunji, Edmund
<b>B</b>	Barkai, Naama Barr, Francis Barral, Yves Barre, François-Xavier Batista, Facundo Baum, Buzz Behrens, Axel Beja, Oded Bellaïche, Yohanns Ben-Yehuda, Sigal Berger, Frédéric Bertolotti, Anne Bertrand, Edouard Blazquez, Miguel Bochtler, Matthias Boulton, Simon Bouso, Philippe Boutros, Michael Briscoe, James Bujnicki, Janusz Bumann, Dirk	<b>D</b>	d'Adda di Fagagna, Fabrizio Davis, Daniel de Gier, Jan-Willem Del Pozo, Miguel Delledonne, Massimo Dessen, Andrea Dickson, Barry Dominguez, Maria Donaldson, Anne Dutzler, Raimund	<b>G</b>	Gerhardt, Holger Gil, Jesús Glotzer, Michael Gönczy, Pierre González-Reyes, Acaimo Gotta, Monica	<b>L</b>	Labib, Karim Längst, Gernot Lappalainen, Pekka Lecuit, Thomas Lemaitre, Bruno Levashina, Elena A. Leys, David Logan, Malcolm Lohmann, Jan Löwe, Jan Lygerou, Zoi
		<b>E</b>	Einsle, Oliver Elena, Santiago Etienne-Manneville, Sandrine	<b>H</b>	Hajnal, Alex Hardingham, Giles Harkany, Tibor Hassan, Bassem Haucke, Volker Helariutta, Ykä Helms, Volkhard Hidalgo, Alicia Hirst, Judy Holstege, Frank Hopfner, Karl-Peter Hoppe, Thorsten Hummel, Thomas		
				<b>I</b>	Ivaska, Johanna		
				<b>J</b>	Janke, Carsten Jansen, Ralf Jensen, Torben Heick		

## young investigators 2000–2008 (cont.)

<b>M</b> Malnasi Csizmadia, Andras	<b>O</b> Oldroyd, Giles	<b>S</b> Sahai, Erik	<b>T</b> Taipale, Jussi
Mansuy, Isabelle	Otzen, Daniel	Salecker, Iris	Tamagnone, Luca
Manzanares, Miguel	Owen, David	Santos, Manuel	Tanaka, Tomoyuki
Marin, Oscar	Owen-Hughes, Tom	Saudou, Frédéric	Tapon, Nicolas
Marine, Jean-Christophe	Oxenius, Annette	<b>S</b> Schärer, Orlando	Tavernarakis, Nektarios
Martin-Bermudo, Maria Dolores	<b>P</b> Palková, Zdena	Schedl, Andreas	Teichmann, Sarah
Martín-Serrano, Juan	Palmer, Ruth	Schleper, Christa	Telford, Maximilian
Martinez, Javier	Pasero, Philippe	Schlötterer, Christian	Thérond, Pascal
Más, Paloma	Peeper, Daniel	Schneitz, Kay	Trouche, Didier
Mattevi, Andrea	Pellizzoni, Livio	Schnittger, Arp	Trumpp, Andreas
Mehlen, Patrick	Peracchi, Alessio	Schübeler, Dirk	Tsiantis, Miltos
Meier, Pascal	Perrakis, Anastassis	Schulze, Almut	Tuschl, Thomas
Milán, Marco	Peters, Antoine	Schwappach, Blanche	<b>U</b> Uhlmann, Frank
Miska, Eric	Peters, Jan-Michael	Scorrano, Luca	Ulrich, Helle
Mitchell, Kevin	Philpott, Dana	Segal, Eran	Ungermann, Christian
Møller, Simon Geir	Pierre, Philippe	Seoane, Joan	<b>V</b> van Aalten, Daan
Morillon, Antonin	Pilpel, Yitzhak	Simons, Mikael	Van den Ackerveken, Guido
Mosialos, George	Poirazi, Panayiota	So, Eric	van der Goot, Gisou
Mota, Maria	Posas, Francesc	Sourjik, Victor	van Steensel, Bas
Musacchio, Andrea	<b>R</b> Radtke, Freddy	Spahn, Christian	Vendruscolo, Michele
<b>N</b> Nagy, Laszlo	Reich, Ziv	Spang, Anne	Vinkemeier, Uwe
Nehrbass, Ulf	Rescigno, Maria	Stancheva, Irina	Viola, Antonella
Neuhauss, Stephan	Robinson, Robert	Stock, Daniela	Voinnet, Olivier
Nichols, Benjamin	Rodriguez, Ivan	Sträßer, Katja	<b>W</b> Wimmer, Ernst
Nissen, Poul	Rouse, John	Strick, Terence	Wutz, Anton
Noselli, Stephane		Stumpf, Michael	<b>Z</b> Zeeman, Samuel
		Suomalainen-Wartiovaara, Anu	Zernicka-Goetz, Magdalena
		Szabò, Ildikò	Zimmermann, Pascale

## young investigators applications and awards 2000–2009

country	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009	
	appl.	aw.	appl.	aw.	appl.	aw.	appl.	aw.	appl.	aw.	appl.	aw.	appl.	aw.	appl.	aw.	appl.	aw.	appl.	aw.
Austria	9	5	3	0	1	0	0	0	3	1	3	1	3	0	2	1	1	0	2	0
Belgium	8	0	2	0	3	0	2	1	1	0	3	0	6	2	6	1	2	0	6	1
Croatia	2	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Czech Republic	2	0	0	1	6	0	14	0	4	0	2	0	2	0	0	0	1	0	1	0
Denmark	5	1	0	0	0	0	2	2	0	0	1	0	3	0	2	0	1	0	0	0
Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finland	9	2	1	0	4	1	3	0	9	0	2	0	5	2	8	0	2	0	2	0
France	72	5	17	4	26	4	26	2	17	3	14	2	16	4	8	3	11	1	11	0
Germany	52	7	22	4	17	4	15	3	30	3	23	4	27	2	19	3	21	1	17	2
Greece	8	2	1	2	4	1	3	0	4	1	6	0	4	0	4	0	2	0	2	0
Hungary	2	1	1	0	6	0	7	1	5	0	1	0	3	0	0	0	3	0	1	0
Iceland	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0
Ireland	6	0	3	0	0	0	0	0	3	1	1	0	2	0	0	0	0	0	1	0
Israel	13	2	7	1	4	0	5	1	5	0	3	1	5	1	2	1	4	0	6	1
Italy	22	1	6	3	14	3	11	1	14	0	14	1	11	3	9	1	4	0	15	1
Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
The Netherlands	10	2	6	2	3	0	4	0	3	1	5	1	8	0	5	1	7	0	7	1
Norway	2	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Poland	13	1	2	0	8	1	6	0	8	1	2	0	0	0	0	0	1	0	1	0
Portugal	9	1	6	1	2	0	2	1	3	0	4	0	2	0	1	0	1	0	2	1
Slovak Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Slovenia	3	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	0	0	1	0
Spain	40	4	26	1	18	2	26	2	21	1	17	1	16	0	18	3	12	1	8	0
Sweden	23	1	3	0	15	0	7	1	8	0	3	1	10	0	14	1	3	0	3	1
Switzerland	21	6	11	3	12	3	5	1	8	1	8	3	5	2	4	0	5	2	11	6
Turkey	8	0	1	0	2	0	2	0	1	0	0	0	0	0	2	0	3	0	1	0
United Kingdom	75	14	30	1	23	4	21	5	20	7	13	2	22	5	26	3	32	7	24	3
Others	1	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
<b>Total</b>	<b>415</b>	<b>55</b>	<b>150</b>	<b>23</b>	<b>169</b>	<b>23</b>	<b>163</b>	<b>21</b>	<b>172</b>	<b>20</b>	<b>128</b>	<b>17</b>	<b>153</b>	<b>21</b>	<b>131</b>	<b>18</b>	<b>116</b>	<b>12</b>	<b>123</b>	<b>17</b>
Female	94	13	44	4	45	4	47	7	39	4	32	2	32	6	37	3	32	2	34	4
Male	321	42	106	19	124	19	116	14	133	16	96	15	121	15	94	15	84	10	89	13

## general statistics for all young investigators upon selection 2000–2009

	average	age, post-doctoral years and publications
age	35.2	
post-doctoral years	4.7	
total number of publications	22	
last-author publications	3.9	
first-author publications	9.6	

	no.	% of total	pre- and/or post-doctorate spent in USA
USA	137	60.0	

	no.	% of total	post-doctoral fellowships received from international agencies
EMBO	72	32.0	
HFSP	57	25.0	
EU TMR	25	11.0	

young Investigator lectures 2009	<b>Harkany,</b> Tibor	12th Meeting of the Hungarian Neuroscience Society	HU–Budapest	22–24 January
	<b>Boulton,</b> Simon	Keystone Symposium Genome Instability and DNA Repair	US–New Mexico	1–6 March
	<b>Costanzo,</b> Vincenzo	Keystone Symposium Genome Instability and DNA Repair	US–New Mexico	1–6 March
	<b>Gerhardt,</b> Holger	2nd Workshop on Vascular Matrix Biology and Bioengineering	CA–British Columbia	16–19 March
	<b>Scorrano,</b> Luca	Keystone Symposium Molecular and Cellular Biology	CA–British Columbia	22–27 March
	<b>Etienne-Manneville,</b> Sandrine	Gordon Research Conference Gradient Sensing and Directed Cell Migration	US–Texas	30 March–3 April
	<b>Sahai,</b> Erik	Gordon Research Conference Gradient Sensing and Directed Cell Migration	US–Texas	30 March–3 April
	<b>Fernandez-Capetillo,</b> Oscar	EC funded FP6 integrated project: DNA Damage Response and Repair Mechanisms	GR–Crete	20–23 April
	<b>Pasero,</b> Philippe	EC funded FP6 integrated project: DNA Damage Response and Repair Mechanisms	GR–Crete	20–23 April
	<b>Bellaïche,</b> Yohanns	ESF-EMBO Symposium on Cell Polarity and Membrane Traffic	ES–Sant Feliu de Guixols	23–28 May
	<b>Ben-Yehuda,</b> Sigal	Gordon Research Conference Chromosome Dynamics	IT–Barga	24–29 May
	<b>Scorrano,</b> Luca	Gordon Research Conference Molecular and Cellular Bioenergetics: From Crystal Structures to Disease	US–New Hampshire	7–12 June
	<b>Ivaska,</b> Johanna	Molecular and Cellular Membrane Biology	FR–Corsica	8–19 June
	<b>Schulze,</b> Almut	BACR/EACR Symposium 2009– Transcription and Cancer	UK–Cambridge	8–10 July
<b>Hoppe,</b> Thorsten	8th International Conference on AAA Proteins	CA–Toronto	12–16 July	

**young Investigator  
lectures 2009**  
(cont.)

<b>Peters,</b> Antoine	Gordon Research Conference Fertilization and the Activation of Development	US–New Hampshire	12–17 July
<b>Harkany,</b> Tibor	Gordon Research Conference Cannabinoids in CNS Function	US–Maine	2–7 August
<b>Schulze,</b> Almut	American Association for Cancer Research – Metabolism and Cancer	US–La Jolla	13–16 September
<b>Schübeler,</b> Dirk	Gordon Research Conference Stem Cells and Cancer	CH–Switzerland	13–18 September
<b>Hoppe,</b> Thorsten	EMBO Conference on Ubiquitin and Ubiquitin-like Modifiers	IT–Riva del Garda	22–26 September
<b>Schnittger,</b> Arp	9th International Congress on Plant Molecular Biology	US–Missouri	25–30 September
<b>Barre,</b> François-Xavier	International Symposium on “Fifty years of cholera toxin: a tribute to S.N. De”	IN–Kolkata	25–27 October
<b>Tapon,</b> Nicolas	2nd Annual Melbourne Cell and Developmental Biology Meeting	AU–Melbourne	12–13 November
<b>Gotta,</b> Monica	Frontiers in Cancer Stem Cell Research: From Basic Science Towards a Cure	NO–Oslo	2–4 December
<b>Sahai,</b> Erik	49th Annual Meeting of the American Society for Cell Biology	US–San Diego	5–9 December

plenary lectures 2009  
EMBC Member States

<b>Janet Thornton</b>	3rd International Biocuration Meeting	DE–Berlin	16–19 April
<b>Jeff Errington</b>	Young Microbiologists Mini-Symposium: Microbe Signalling and Pathogenesis	IE–Cork	22–23 April
<b>Genevieve Almouzni</b>	2009 Gordon Research Conference on Chromosome Dynamics	IT–Lucca	24–29 May
<b>Ari Helenius</b>	Molecular and Cellular Membrane Biology	FR–Cargèse	8–19 June
<b>Iain Mattaj</b>	Advances in Molecular Mechanisms of Disease	NO–Oslo	10–12 June
<b>Michael Levitt</b>	3DSIG: Structural Bioinformatics & Computational Biophysics	SE–Stockholm	27–28 June
<b>Kirsten Sandvig</b>	14th European Workshop on Bacterial Protein Toxins	FR–Obernai	27 June–2 July
<b>Richard A. Flavell</b>	International Congress of Developmental and Comparative Immunology	CZ–Prague	28 June–4 July
<b>Dirk Inzé</b>	34th FEBS Congress: Life's Molecular Interactions	CZ–Prague	4–9 July
<b>Evelyn Fox Keller</b>	The Darwin 2009 Festival	UK–Cambridge	5–10 July
<b>Harold Varmus</b>	The Darwin 2009 Festival	UK–Cambridge	5–10 July
<b>Olivier Pourquié</b>	ISSCR 7th Annual Meeting	ES–Barcelona	8–11 July
<b>Moshe Oren</b>	International MDM2 Workshop V	BE–Ghent	23–26 August
<b>Laurence Hurst</b>	12th Congress of the European Society for Evolutionary Biology	IT–Turin	24–29 August
<b>Wilhelm Krek</b>	Glucose Transporter Biology and Diabetes Meeting	IT–Lucca	6–11 September
<b>Aaron Ciechanover</b>	<i>EMBO/FEBS Lecture Course</i> Proteins and their networks – from specific to global analysis	GR–Spetses	7–17 September
<b>Konrad Sandhoff</b>	FEBS Advanced Course on Lipids Signalling and Disease	IT–Ortona	9–15 September
<b>Roel Nusse</b>	2nd Gordon Conference on Stem Cells and Cancer	CH–Les Diablerets	13–18 September
<b>Joel Sussman</b>	10th International Meeting on Cholinesterases	HR–Sibenik	20–25 September
<b>Philip Cohen</b>	Signal Transduction and Disease	DE–Aachen	27–30 September



<b>plenary lectures 2009</b> EMBC Member States (cont.)	<b>Ari Helenius</b>	11th International EMBL PhD Student Symposium	DE–Heidelberg	29–31 October
<b>plenary lectures 2009</b> outside Europe	<b>Murray Stewart</b>	34th Lorne Conference on Protein Structure and Function	AU–Lorne	8–12 February
	<b>Michel Georges</b>	30th Lorne Conference on Organisation and Expression of the Genome	AU–Lorne	15–18 February
	<b>Angus Lamond</b>	The 9th Hunter Meeting	AU–Pokolbin	24–27 March
	<b>Olivier Voinnet</b>	Third SMBBM International Congress of Biochemistry	MA–Marrakech	20–25 April
	<b>Paolo Sassone-Corsi</b>	EURO GOLD – 20 Years of EMBO Gold Medal Winners	SG–Singapore	4–6 May
	<b>James Briscoe</b>	Gordon Research Conference in Developmental Biology	US–Andover	21–26 June
	<b>Bernd Bukau</b>	8th International Conference on AAA Proteins	CA–Toronto	12–16 July
	<b>Aaron Ciechanover</b>	21st IUBMB and 12th FAOBMB International Congress of Biochemistry and Molecular Biology	CN–Shanghai	2–7 August
	<b>Harald zur Hausen</b>	Biotechnologia Habana 2009: Medical Applications of Biotechnology	CU–Havana	2–5 November
	<b>Philippe Sansonetti</b>	XLV Annual Meeting of the Argentine Society for Biochemistry and Molecular Biology	AR–Tucuman	10–13 November

practical courses 2009 EMBC Member States	Next generation sequencing: ChIP-seq and RNA-seq	M. Yaspo	DE–Berlin	1–13 February
	Advanced optical microscopy	B. Amos	UK–Plymouth	25 March–4 April
	Mass spectrometry and proteomics	O. Nørregaard Jensen	DK–Odense	15–22 April
	MicroRNA profiling: from <i>in situ</i> hybridization to next-generation sequencing	V. Benes	DE–Heidelberg	18–24 April
	Fluorescence (cross-) correlation spectroscopy (FCS/FCCS) for cell biology applications	M. Knop	DE–Heidelberg	18–23 May
	Light microscopy in living cells	N. Moreno	PT–Oeiras	29 May–5 June
	Electron tomography in life science	B. Koster	NL–Leiden	1–7 June
	Molecular genetics with the fission yeast <i>Schizosaccharomyces pombe</i>	I. Hagan	UK–Manchester	13–25 June
	<i>EMBO/MAX-INF2 Practical Course</i> Structure determination in macromolecular crystallography	C. Mueller-Dieckmann	FR–Grenoble	15–19 June
	High throughput methods for protein production and crystallization	R. Owens	UK–Oxford	17–25 June
	Molecular approaches to evolution and development	D. Arendt	SE–Fiskebaeckskil	29 June–10 July
	Developmental neurobiology from worms to mammals	C. Houart	UK–London	1–15 July
	Single molecule analysis of DNA protein interactions	T. Strick	FR–Paris	5–18 July
	Structure, dynamics and function of biomacromolecules by solution NMR	M. Sattler	DE–Garching	27 July–3 August
	Two-photon imaging of brain cell dynamics	F. Helmchen	CH–Zurich	6–13 September
	Image processing for cryo-electron microscopy	E. Orlova	UK–London	7–17 September
	Networks in biology analysis, modelling and reverse engineering	G. Romeo	IT–Bologna	22–25 September
	Quantitative FRET, FRAP and FCS	V. Sourjik	DE–Heidelberg	23–28 September
	Current methods in cell biology	M. Kaksonen	DE–Heidelberg	8–16 October
	Advanced analysis and informatics of microarray data	A. Brazma	UK–Hinxton	12–17 October

<b>practical courses 2009</b> EMBC Member States (cont.)	The combination of electron microscopy and x-ray crystallography for the structure determination of large biological complexes	J. Navaza	FR–Grenoble	18–24 October
	High throughput microscopy for systems biology	R. Pepperkok	DE–Heidelberg	8–13 November
<b>practical courses 2009</b> outside Europe	Advanced methods for phylogenetic analysis of molecular sequences	M. Embley	BR–Rio de Janeiro	9–15 March
	FRET, FLIM, FCS, FRAP & 3–D imaging: application to cell and developmental biology	S. Ahmed	SG–Singapore	13–24 April
	<i>II International School of Biochemistry, Molecular &amp; Cell Biology</i> Current tools in cell biology: probing normal and pathological cell functions	C. Cameron	BR–Rio de Janeiro	3–14 August
	DNA microarray – analysis and applications	P. Vincent	IN–Tamil Nadu	16–20 August
	Computational biology: from (meta)genomes to phenotype and environment	P. Bork	CN–Shanghai	16–22 August
	Bioinformatics and comparative genome analyses	F. Tekaia	CN–Hong Kong	17–29 August
	Advanced bioinformatic methods in the study of gene and genome evolution	J. McInerney	CO–Medellin	23–30 August
	Structure and dynamics of biomolecules by NMR spectroscopy	C. Fernandez	AR–Rosario	21–30 September
<b>lecture course 2009</b> EMBC Member States	Mitochondrial medicine: from genetics to biological mechanisms and beyond	V. Carelli	IT–Bologna	18–22 April
<b>workshops 2009</b> EMBC Member States	The multiple faces of lamins in aging and disease	R. Foisner	AT–Vienna	6–9 January
	New functions of regulatory RNAs in pro- and eukaryotes	R. Schroeder	AT–Vienna	14–15 January
	Visualizing immune system complexity	L. Alexopoulou	FR–Marseille	15–17 January
	Model organisms in cell death research	A. Villunger	AT–Oberurgl	31 January– 4 February
	Beta cell differentiation and regeneration	K. Docherty	UK–Peebles	26 February–1 March
	<i>EMBO-FEMS Workshop</i> Microbial sulfur metabolism	I. Cardoso Pereira	PT–Tomar	15–18 March
	bHLH transcription factors	F. Guillemot	UK–London	7–8 May
	Blood and lymphatic vasculature: from models to human disease	K. Alitalo	FI–Helsinki	4–5 June

<b>workshops 2009</b> EMBC Member States (cont.)	Cortical interneurons in health and disease	O. Marin	ES–Mallorca	21–25 June
	RUNX transcription factors in development and disease	M. de Bruijn	UK–Oxford	16–19 August
	Developmental systems	I. Rodriguez	CH–Arolla	18–22 August
	Frontiers of prokaryotic cell biology	J. Löwe	UK–Oxford	24–27 August
	Wnt signalling in development and disease	J. Huelsken	CH–Arolla	26–29 August
	<i>2009 EMBO Molecular Medicine Workshop</i> Invasive growth: a genetic programme for stem cells and cancer	P. Comoglio	IT–Torino	10–12 September
	Messenger RNA 3' ends and gene expression	N. Proudfoot	UK–Oxford	16–20 September
	Mitochondria, apoptosis and cancer	J. Neuzil	CZ–Prague	1–3 October
	Evo-Devo meets marine ecology: new frontiers in ocean science through integrative biology	I. Arnone	IT–Ischia (Napoli)	9–11 October
	<b>workshop 2009</b> outside Europe	Amoebiasis: molecular approaches in an important but neglected disease	J. Verweij	MX–Guanajuato
<b>conference series 2009</b> (1st in a series) EMBC Member States	<i>Spatial 2009</i> Overcoming distance in signaling networks	M. Fainzilber	IL–Maale Hachamisha	15–19 March
	<i>Cancer Proteomics 2009</i> Mechanistic insights, technological advances and molecular medicine	W. Gallagher	IE–Dublin	8–11 June
	Helicase and NTP-driven nucleic acids motors: structure, function, mechanism and roles in human disease	P. Linder	CH–Les Diablerets	27 June–2 July
	Population and molecular biology of vectors	C. Louis	GR–Kolymbari	19–26 July
	8th International Conference on Ribosome Synthesis	H. Tschochner	DE–Regensburg	26–30 August
	Physics of cells: from the edge to the heart ( <i>Physcell2009</i> )	A. Smith	HR–Primosten (Split)	6–13 September
	Meiosis	B. de Massy	FR–Isle sur la Sorgue	19–23 September
	Morphogenesis and dynamics of multicellular systems	D. Brunner	DE–Heidelberg	2–6 October
	Endocytic machineries in control of cell signalling and tissue morphogenesis	H. Stenmark	GR–Chania	3–8 October
	Comparative genomics of eukaryotic microorganisms: diversity of life	E. Louis	ES–Sant Feliu de Guixols	17–22 October

<b>conference series 2009</b> (1st in a series) EMBC Member States (cont.)	Autophagy – cell biology, physiology and pathology	M. Peter	CH–Ascona	18–21 October
<b>conference series 2009</b> (2nd in a series) EMBC Member States	Tackling and imaging the complexity of the immune system	B. Malissen	IT–Capo Caccia	20–24 April
	Frontiers of plant research	C. Gutierrez	ES–Cadiz	6–9 May
	Chromatin and epigenetics	W. Reik	DE–Heidelberg	13–17 May
	Cellular protein homeostasis in disease and ageing	H. Kampinga	HR–Dubrovnik	23–28 May
	Advances in stem cell research: stem cells, systems and synthetic biology	A. Smith	UK–Cambridge	15–17 June
	<i>Europhosphatases 2009</i> Protein phosphatases in development and disease	J. den Hertog	NL–Egmond aan Zee	14–18 July
	Protein synthesis and translational control	M. Hentze	DE–Heidelberg	9–13 September
	Antigen receptor signaling: from lymphocyte development to effector function	C. Baldari	IT–Certosa di Pontignano	12–16 September
	Ubiquitin and ubiquitin-like modifiers in health and disease	T. Sommer	IT–Riva del Garda	23–27 September
	Nuclear receptors: from molecular mechanisms to molecular medicine	L. Nagy	HR–Dubrovnik	25–29 September
	Nuclear structure and dynamics	G. Cavalli	FR–Isle sur la Sorgue	30 September–4 October
	The assembly and function of neuronal circuits	P. Caroni	CH–Ascona	5–8 October
	Host genetic control of infectious diseases	M. Yaniv	FR–Paris	7–10 October
	<i>Legionella 2009</i>	C. Buchrieser	FR–Paris	13–17 October

<b>ESF-EMBO Symposia 2009</b>	Spatio-temporal radiation biology: transdisciplinary advances for biomedical applications	Y. Gauduel	ES–Sant Feliu de Guixols	16–21 May
	Cell polarity and membrane traffic	A. Spang	ES–Sant Feliu de Guixols	23–28 May
	Biological surfaces and interfaces	J. Gold	ES–Sant Feliu de Guixols	28 June–3 July
<b>EMBO/FEBS Lecture Courses 2009</b>	Molecular and cellular membrane biology	G. van Meer	FR–Cargese	8–19 June
	Proteins and their networks – from specific to global analysis	A. Fersht	GR–Spetses	7–17 September

laboratory management courses 2009	EMBO Laboratory Management Course (for postdocs)	G. Wallon K. Bell	DE–Leimen (near Heidelberg)	27–29 January
	EMBO Laboratory Management Course (for independent group leaders)	G. Wallon K. Bell	DE–Leimen (near Heidelberg)	16–19 February
	EMBO Laboratory Management Course (for postdocs)	G. Wallon K. Bell	DE–Leimen (near Heidelberg)	1–3 April
	EMBO Laboratory Management Course (for independent group leaders)	G. Wallon K. Bell	UK–Ware (Hertfordshire)	5–8 May
	EMBO Laboratory Management Course (for postdocs)	G. Wallon K. Bell	UK–Ware (Hertfordshire)	11–13 May
	EMBO Laboratory Management Course (for postdocs)	G. Wallon K. Bell	DE–Leimen (near Heidelberg)	6–8 July
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn A. Seller	DE–Leimen (near Heidelberg)	14–17 September
	EMBO Laboratory Management Course (for postdocs)	A. Glynn A. Seller	DE–Leimen (near Heidelberg)	7–9 October
	EMBO Laboratory Management Course (for postdocs)	A. Glynn A. Seller	DE–Leimen (near Heidelberg)	12–14 October
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn A. Seller	UK–Ware (Hertfordshire)	10–13 November

**EMBO membership** (including associate members)

year	total number of members	% women
2001	1092	12.9
2002	1126	13.1
2003	1162	13.3
2004	1191	13.7
2005	1223	13.8
2006	1271	13.8
2007	1305	14.3
2008	1357	14.4
2009	1416	14.8

**courses and workshops**

		% female participants	% female speakers
2001	Practical Courses	44	23
	Workshops	40	26
	Lecture Courses	63	20
2002	Practical Courses	51	23
	Workshops	39	25
	Lecture Courses	58	19
2003	Practical Courses	49	22
	Workshops	41	24
	Lecture Courses	48	13
2004	Practical Courses	56	27
	Workshops	40	25
	Conferences	40	21
	Lecture Courses	50	29
2005	Practical Courses	53	27
	Workshops	41	22
	Conferences	40	26
	Lecture Courses	60	25
2006	Practical Courses	45	22
	Workshops	45	24
	Conferences	45	n.a.
	Lecture Courses	52	20
2007	Practical Courses	52	28
	Workshops	39	25
	Conference Series	40	22
	Lecture Courses	65	18
2008	Practical Courses	50	24
	Workshops	48	25
	Conference Series	44	29
	Lecture Courses	37	16
2009	Practical Courses	54	20
	Workshops	51	27
	Conference Series	45	25
	Lecture Courses	60	37



## short-term fellowships

		applications		awarded		success rate %
2001	Female applicants	130	(55.7%)	70	(56.4%)	53.8
	Male applicants	103	(44.2%)	54	(43.5%)	52.4
	Overall	233		124		53.2
2002	Female applicants	148	(53.4%)	81	(53.3%)	54.7
	Male applicants	129	(46.6%)	71	(46.7%)	55.0
	Overall	277		152		54.9
2003	Female applicants	139	(53.7%)	72	(52.2%)	51.8
	Male applicants	120	(46.3%)	66	(47.8%)	55.0
	Overall	259		138		53.3
2004	Female applicants	161	(53.7%)	84	(52.2%)	52.2
	Male applicants	140	(46.3%)	83	(47.8%)	59.3
	Overall	301		167		55.5
2005	Female applicants	190	(49.6%)	88	(44.0%)	46.3
	Male applicants	193	(50.4%)	112	(56.0%)	58.0
	Overall	383		200		52.2
2006	Female applicants	204	(52.0%)	100	(51.8%)	49.0
	Male applicants	188	(48.0%)	93	(48.2%)	49.4
	Overall	392		193		49.3
2007	Female applicants	212	(51.8%)	117	(55.5%)	55.2
	Male applicants	197	(48.2%)	94	(44.5%)	47.7
	Overall	409		211		47.2
2008	Female applicants	219	(55.4%)	126	(59.1%)	57.5
	Male applicants	176	(44.6%)	87	(40.9%)	49.4
	Overall	395		213		53.9
2009	Female applicants	286	(57.8%)	142	(55.7%)	49.7
	Male applicants	209	(42.2%)	113	(44.3%)	54.1
	Overall	495		255		51.5
2001–2009	Female applicants	1689	(54.0%)	880	(52.9%)	52.1
	Male applicants	1455	(46.0%)	783	(47.1%)	53.8
	Overall	3144		1663		52.9

## long-term fellowships

		applications		awarded		success rate %
1996– spring 2001	Female applicants	1746	(40.3%)	315	(34.7%)	18.0
	Male applicants	2584	(59.7%)	594	(65.3%)	22.9
	Overall	4330		909		21.0
autumn 2001	Female applicants	168	(47.2%)	32	(39.1%)	19.0
	Male applicants	188	(52.8%)	50	(60.9%)	26.6
	Overall	356		82		23.0
2002	Female applicants	347	(43.4%)	68	(40.5%)	19.5
	Male applicants	453	(56.6%)	100	(59.5%)	22.1
	Overall	800		168		21.0
2003	Female applicants	469	(43.4%)	64	(36.4%)	13.6
	Male applicants	611	(56.6%)	112	(63.6%)	18.3
	Overall	1080		176		16.3
2004	Female applicants	533	(46.9%)	65	(39.9%)	12.2
	Male applicants	604	(53.1%)	98	(60.1%)	16.2
	Overall	1137		163		14.3
2005	Female applicants	589	(47.7%)	89	(44.9%)	15.1
	Male applicants	647	(52.3%)	109	(55.1%)	16.8
	Overall	1236		198		16.0
spring 2006 gender blinding	Female applicants	294	(50.2%)	48	(44.9%)	16.3
	Male applicants	292	(49.8%)	59	(55.1%)	20.2
	Overall	586		107		18.3
autumn 2006 gender blinding	Female applicants	299	(45.9%)	39	(34.5%)	13.0
	Male applicants	352	(54.1%)	74	(65.5%)	21.0
	Overall	651		113		17.4
spring 2007	Female applicants	275	(45.2%)	39	(37.5%)	14.2
	Male applicants	333	(54.8%)	65	(62.5%)	19.5
	Overall	608		104		17.1
autumn 2007	Female applicants	307	(45.1%)	43	(39.8%)	14.0
	Male applicants	373	(54.9%)	65	(60.2%)	17.4
	Overall	680		108		15.9

## long-term fellowships (cont.)

		applications		awarded		success rate %
2007	Female applicants	582	(45.2%)	82	(38.7%)	14.1
	Male applicants	706	(54.8%)	130	(61.3%)	18.4
	Overall	1288		212		16.5
2008	Female applicants	590	(48.4%)	81	(37.7%)	13.7
	Male applicants	628	(51.6%)	134	(62.3%)	21.3
	Overall	1218		215		17.6
2009	Female applicants	657	(49.3%)	115	(44.6%)	17.5
	Male applicants	675	(50.7%)	143	(55.4%)	21.2
	Overall	1332		258		19.4
1996–2009	Female applicants	6274	(44.8%)	998	(38.4%)	15.9
	Male applicants	7740	(55.2%)	1603	(61.6%)	20.7
	Overall	14014		2601		18.6

## young investigators

		applications	awarded	success rate %
2000–2001	Female applicants	138 (24.4%)	17 (21.8%)	12.3
	Male applicants	427 (75.6%)	61 (78.2%)	14.3
	Overall	565	78	13.8
2002	Female applicants	45 (26.8%)	4 (17.4%)	8.9
	Male applicants	123 (73.2%)	19 (82.6%)	15.4
	Overall	168	23	13.8
2003	Female applicants	47 (28.8%)	7 (33.3%)	14.8
	Male applicants	116 (71.2%)	14 (66.7%)	12.1
	Overall	163	21	12.8
2004	Female applicants	38 (22.1%)	4 (20.0%)	10.5
	Male applicants	134 (77.9%)	16 (80.0%)	11.9
	Overall	172	20	11.6
2005	Female applicants	32 (25.0%)	2 (11.8%)	6.3
	Male applicants	96 (75.0%)	15 (88.2%)	15.6
	Overall	128	17	13.3
2006	Female applicants	32 (21.1%)	6 (28.6%)	18.8
	Male applicants	120 (78.9%)	15 (71.4%)	12.5
	Overall	153	21	13.7
2007	Female applicants	37 (28.0%)	3 (16.7%)	8.1
	Male applicants	95 (72.0%)	15 (83.3%)	15.8
	Overall	132	18	13.6
2008	Female applicants	32 (27.6%)	2 (16.7%)	6.3
	Male applicants	84 (72.4%)	10 (83.3%)	11.9
	Overall	116	12	10.3
2009	Female applicants	34 (27.6%)	4 (23.5%)	11.8
	Male applicants	89 (72.4%)	13 (76.5%)	14.6
	Overall	123	17	13.8
2000–2009	Female applicants	435 (25.3%)	49 (21.6%)	11.3
	Male applicants	1284 (74.7%)	178 (78.4%)	13.9
	Overall	1719	227	13.2

## installation grantees

		applications	awarded	success rate %
2006	Female applicants	28 (37.8%)	1 (10.0%)	3.6
	Male applicants	46 (62.2%)	9 (90.0%)	19.6
	Overall	74	10	13.5
2007	Female applicants	17 (37.8%)	3 (33.3%)	17.6
	Male applicants	41 (62.2%)	6 (66.7%)	14.6
	Overall	58	9	15.5
2008	Female applicants	7 (21.8%)	1 (14.3%)	14.3
	Male applicants	25 (78.2%)	6 (85.7%)	24.0
	Overall	32	7	21.9
2009	Female applicants	13 (39.4%)	3 (60.0%)	23.1
	Male applicants	20 (60.6%)	2 (40.0%)	10.0
	Overall	33	5	15.1
2006–2009	Female applicants	65 (32.9%)	8 (25.8%)	12.3
	Male applicants	132 (67.1%)	23 (74.2%)	17.4
	Overall	197	31	15.7



**Eilish Craddock**

personal secretary to the EMBO Director

### EMBO staff in Heidelberg

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organizes travel at EMBO and  
assists with meetings



**Seán Bourke**

welcomes visitors at the EMBO reception  
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**EMBO staff in Heidelberg (cont.)**

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\* started at EMBO in 2009

\*\* left EMBO in 2009





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practical courses 2010 EMBC Member States	Genomic approaches to evolution and development	E. Furlong	DE–Heidelberg	7–11 February
	Phosphoproteomics	M. Røssel Larsen	DK–Odense	28 March–2 April
	Advanced optical microscopy 2010	B. Amos	UK–Plymouth	7–17 April
	<i>In silico</i> systems biology: network reconstruction, analysis and network based modelling	V. Schneider	UK–Hinxtun	10–13 April
	Methods for miRNA discovery and analysis: from <i>in situ</i> hybridization to new generation sequencing	V. Benes	IT–Monterotondo Scalo	10–16 April
	Computational RNA Biology	K. Nieselt	FR–Cargese	26 April–1 May
	Computational molecular evolution	A. Stamatakis	GR–Heraklion (Crete)	3–12 May
	Scientific programming and data visualization for structural biology	D. Panne	DE–Heidelberg	5–7 May
	Lipid rafts: methods for studying membrane organization	K. Simons	DE–Dresden	23–31 May
	Structural characterization of macromolecular complexes	C. Petosa	FR–Grenoble	31 May–5 June
	The DT40 cell line as a model vertebrate genetic system	C. Morrison	IE–Galway	14–19 June
	Electron microscopy and stereology in cell biology	N. Roos	NO–Oslo	17–27 June
	Application of transient kinetic methods to biological macromolecules	M. Geeves	UK–Canterbury	27 June–3 July
	Biomolecular simulation	M. Nilges	FR–Paris	27 June–4 July
	High-throughput RNAi and data analysis	M. Boutros	DE–Heidelberg	28 June–2 July
	Single-molecule manipulation and analysis of DNA-protein interactions	T. Strick	FR–Paris	11–25 July
	Marine animal models in evolution and development	D. Arendt	SE–Fiskebackskil	12–23 July
	Animal models for physiology and disease	V. Cunliffe	UK–Sheffield	19–30 July
	Multi-level modelling of morphogenesis	S. Maree	UK–Norwich	19–30 July
	Ubiquitin and SUMO	H. Ulrich	HR–Split	29 July–4 August
Multidimensional NMR in structural biology	C. Griesinger	IT–Castelvecchio Pascoli (Lucca)	1–6 August	

<b>practical courses 2010</b> EMBC Member States (cont.)	Post-translational modifications of proteins: from discovery to functional analysis	J. Johansson	SE–Uppsala	22–24 August	
	Viral vectors in gene therapy: applications and novel production methods	M. Mezzina	FI–Kuopio	26 August–4 September	
	Cryo-electron microscopy and 3-D image analysis	J. Briggs	DE–Heidelberg	29 August–5 September	
	Protein expression, purification and crystallization (PEPC–7)	J. Mueller–Dieckmann	DE–Hamburg	31 August–8 September	
	Computational aspects of protein structure determination and analysis: from data to structure to function	J. Watson	UK–Cambridge	6–10 September	
	Anatomy and embryology of the mouse	A. Marusic	HR–Split	11–19 September	
	Microscopy, modelling and biophysical methods	L. Hufnagel	DE–Heidelberg	20 September–2 October	
	3D developmental imaging	G. Martins	PT–Oeiras	1–9 October	
	Advanced analysis and informatics of microarray data	G. Rustici	UK–Hinxtun	18–23 October	
	Solution scattering from biological macromolecules	D. Svergun	DE–Hamburg	25 October–1 November	
	<b>practical courses 2010</b> outside Europe	Mass spectrometry in protein analysis and characterization	C. Cervenansky	UY–Montevideo	16–26 March
		Microscopy: from genome scale to the single molecule	M. Mhlanga	ZA–Pretoria	31 May–12 June
	<b>lecture course 2010</b> outside Europe	Virus–host: partners in pathogenicity	C. Ramirez	CR–San Jose	23–26 February
<b>workshops 2010</b> EMBC Member States	Protein and lipid function in secretion and endocytosis	S. Tooze	AT–Goldegg am See	12–17 January	
	Visualizing biological data (VizBi)	S. O’Donoghue	DE–Heidelberg	3–5 March	
	Hedgehog signaling: from developmental biology to anti-cancer drugs	P. Therond	FR–St. Jean Cap Ferrat	27–31 March	
	Proteolysis and neurodegeneration (5th INPROTEOLYS Meeting)	M. Rodriguez	ES–Madrid	4–7 May	
	Viruses and innate immunity	C. O’Farrelly	IE–Dublin	5–7 May	
	2010 EMBO Molecular Medicine Workshop: Cell guidance signals in cancer	L. Tamagnone	IT–Portofino Vetta (Camogli)	6–9 May	
RNA quality control	M. Kiebler	AT–Vienna	10–13 May		

<b>workshops 2010</b> EMBC Member States (cont.)	Tumour suppressors	M. Sanchez–Cespedes	ES–L'Hospitalet de Llobregat (Barcelona)	10–11 May
	Advanced light microscopy techniques and their applications	R. Pepperkok	DE–Heidelberg	18–21 May
	Emerging themes in infection biology	P. Cossart	FR–Nice	1–4 June
	Genomic approaches to interactions between plant viruses, their hosts and their vectors	P. Accotto	IT–Fenestrelle	12–16 June
	Disease, development and stem cells in the pancreas	M. Lohr	SE–Stockholm	14–16 June
	Chromosome segregation and aneuploidy	B. Earnshaw	UK–Edinburgh	19–23 June
	Development of cortical networks and neurological disorders	Y. Ben–Ari	NL–Amsterdam	30 June–2 July
	Systems biology of development	E. Hafen	CH–Ascona	16–19 August
	Interface between the ubiquitin family and the DNA damage response	Y. Shiloh	HR–Red Island, Rovinj	1–5 September
	From fetomaternal tolerance to immunomodulatory properties of placenta-derived cells in cell therapy	O. Parolini	IT–Brescia	3–6 October
RNA control of cell dynamics	Y. Arava	IL–Kibbutz Ein Gedi	14–17 November	
<b>conference series 2010</b> (1st in a series) EMBC Member States	Catalytic mechanisms by biological systems: at the interface between chemistry and biology	V. Lamzin	DE–Hamburg	5–7 May
	Microtubules: structure, regulation and functions	C. Janke	DE–Heidelberg	2–5 June
	<i>C. elegans</i> development and gene expression	J. Ahringer	DE–Heidelberg	17–20 June
	Gene transcription in yeast: from mechanisms to functional genomics	P. Cramer	ES–Sant Feliu de Guixols	19–24 June
	Chemical Biology 2010	C. Schultz	DE–Heidelberg	22–25 September
	Experimental approaches to evolution and ecology using yeast	L. Steinmetz	DE–Heidelberg	29 September–3 October
	Towards a comprehensive understanding of endoplasmic reticulum functions	M. Schuldiner	ES–Gerona	3–8 October

<b>conference series 2010</b> (2nd in a series) EMBC Member States	Cellular signaling and molecular medicine	E. Van Obberghen-Schilling	HR–Cavtat (Dubrovnik)	21–26 May
	Replication/repair and segregation of chromosomes	P. Graumann	DE–Munzingen (Freiburg)	13–17 June
	Telomeres and the DNA damage response	L. Harrington	FR–Marseille	14–17 September
	From functional genomics to systems biology	E. Furlong	DE–Heidelberg	13–16 November
<b>conference series 2010</b> (3rd in a series) EMBC Member States	Recombination and connections to SUMO and ubiquitin modifications	M. Foiani	IT–Castelvecchio Pascoli (Lucca)	17–21 May
	The molecular and developmental biology of <i>Drosophila</i>	A. Ephrussi	GR–Kolymbari	20–26 June
	Molecular and cellular basis of regeneration and tissue repair	K. Echeverri	PT–Sesimbra	26–30 September
	Cell biology meets microbiology	I. Dikic	PL–Krakow	9–14 October
<b>ESF–EMBO</b> <b>Symposia 2010</b> EMBC Member States	B cells and protection: back to basics	R. Carsetti	ES–Sant Feliu de Guixols	18–23 April
	Antiviral applications of RNA interference	B. Berkhout	ES–Sant Feliu de Guixols	30 May–4 June
	Emergent properties of the cytoskeleton: molecules to cells	M. Peckham	ES–Sant Feliu de Guixols	3–8 October
	Functional neurobiology in minibrains: from flies to robots and back again	M. Louis	ES–Sant Feliu de Guixols	17–22 October
	Molecular perspectives on protein–protein interactions	J. Piehler	ES–Sant Feliu de Guixols	21–26 November
<b>EMBO/FEBS</b> <b>Lecture Courses 2010</b> EMBC Member States	The cytoskeleton in development and pathology	R. Karlsson	SE–Djurhamn	19–24 June
	Host–microbes interactions	P. Cossart	GR–Spetses	1–9 September
	Molecular and cellular cognition	R. Brambilla	IT–Venice	14–19 October
<b>EMBO   EMBL</b> <b>Symposia 2010</b>	Human variation: cause and consequence	A. Wilkie	DE–Heidelberg	20–23 June
	Structure and function of neural circuits	B. Dickson	DE–Heidelberg	5–8 September
	The non-coding genome	E. Izaurralde	DE–Heidelberg	13–16 October

<b>global exchange lecture courses 2010</b> outside Europe	Systems neuroscience of the <i>Drosophila</i> larva: genetic and circuit bases of behavior	K. VijayRaghavan	IN-Bangalore	21–27 July
	Molecular and evolutionary genetics of malaria	A. Das	IN-New Delhi	21 November–4 December
	Molecular mechanism of protein transport	V. Malhotra	IN-Bangalore	30 November–8 December
	Bioinformatics and comparative genome analyses	F. Tekaia	TN-Tunis	13–18 December
<b>global exchange european lecture series 2010</b>		S. Mayor	Germany, The Netherlands, United Kingdom	September
<b>global exchange lecture series 2010</b>		A. Spang	Taiwan	November
<b>laboratory management courses 2010</b>	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn A. Seller	DE–Leimen (near Heidelberg)	16–19 March
	EMBO Laboratory Management Course (for postdocs)	A. Glynn A. Seller	UK–Ware (Hertfordshire)	24–26 March
	EMBO Laboratory Management Course (for postdocs)	A. Glynn A. Seller	DE–Leimen (near Heidelberg)	14–16 June
	EMBO Laboratory Management Course (for postdocs)	A. Glynn A. Seller	DE–Leimen (near Heidelberg)	21–23 June
	EMBO Laboratory Management Course (for postdocs)	A. Glynn A. Seller	DE–Leimen (near Heidelberg)	5–7 October
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn A. Seller	DE–Leimen (near Heidelberg)	12–15 October
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn A. Seller	UK–Ware (Hertfordshire)	2–5 November
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn A. Bendiscioli	DE–Leimen (near Heidelberg)	15–18 November
	EMBO Laboratory Management Course (for postdocs)	A. Glynn A. Bendiscioli	DE–Leimen (near Heidelberg)	29 November–1 December

<b>The EMBO Meeting</b>	Annual life sciences conference	S. Beveridge M. Cairns G. Wallon V. Kaplan	ES–Barcelona	4–7 September
<b>membership</b>	EMBO Member & EMBO Young Investigator Reception at <i>The EMBO Meeting</i>	M. Leptin G. Wallon V. Kaplan	ES–Barcelona	5 September
	New EMBO Members Workshop	M. Leptin G. Wallon V. Kaplan	DE–Heidelberg	27–29 October
<b>fellowship programme</b>	EMBO Fellows Meeting	J. Taplick Z. O'Donoghue	DE–Heidelberg (EMBL)	17–20 June
<b>science &amp; society programme</b>	Science Communication Skills Workshop at the EMBO Fellows Meeting	A. Bendiscioli G. Wallon	DE–Heidelberg (EMBL)	18 June
	Session on <i>Matching food demand and food supply</i> at Euroscience Open Forum 2010	A. Bendiscioli L. Van Dyck G. Wallon	IT–Torino	4 July
	Session on <i>Can science and technology help find sustainable solutions to feed nine billion people</i> at Euroscience Open Forum 2010	A. Bendiscioli L. Van Dyck G. Wallon	IT–Torino	4 July
	Science Communication Skills Workshop at <i>The EMBO Meeting</i>	A. Bendiscioli G. Wallon	ES–Barcelona	4 September
	Science & Society Session at <i>The EMBO Meeting</i>	A. Bendiscioli G. Wallon	ES–Barcelona	5 September
	11th EMBL/EMBO Joint Conference on Science & Society: <i>The difference between the sexes – from biology to behaviour</i>	H. Stefansson G. Wallon A. Bendiscioli	DE–Heidelberg (EMBL)	5–6 November
<b>young investigator programme</b>	Annual EMBO Young Investigator Meeting	G. Wallon K. Bell	DE–Heidelberg	10–12 May
	Young Investigator PhD Course	G. Wallon K. Bell	DE–Heidelberg	20–25 September
<b>global exchange programme</b>	EMBO Global Exchange & the Wellcome Trust/ DBT India Alliance meeting: Life Science Research in India (Satellite meeting at <i>The EMBO Meeting</i> )	A. Glynn G. Wallon	ES–Barcelona	4 September



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