

## promoting excellence in the molecular life sciences

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**EMBO|EMBC**  
annual report 2006

# 2006

## HIGHLIGHTS →



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### **EMBO strategy 2006–2015**

The EMBO Council endorses a ten-year strategy for EMBO (page 16).

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### **Estonia joins EMBC**

Estonia becomes EMBC's 25th member state. (page 13).

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### **New EMBO Members & Young Investigators**

EMBO elects 49 new members (pages 58–67) and selects 21 young investigators (page 112).

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### **Launch of EMBO Installation Grants**

10 scientists receive grants to set up laboratories in Croatia, the Czech Republic, Estonia, Poland, Portugal and Turkey (page 113).

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### **EMBO Gold Medal**

Cell cycle researcher, *Frank Uhlmann*, wins the 2006 Gold Medal (page 38).

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### **The EMBO Journal web focus**

*The EMBO Journal* publishes a special web focus on imaging (page 32).

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### **EMBO reports special issue**

*EMBO reports* publishes a Science & Society special issue on "Science and Security" (page 33).

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### **Molecular Systems Biology in PubMed**

*Molecular Systems Biology* is included in PubMed and PubMed Central.

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### **New childcare support for EMBO Fellows**

Female fellows with children under six years of age receive special crèche support.

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### **Policy publication on stem cell research**

EMBO publishes a document on stem cell research including recommendations for policy-making (page 28).

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### **EMBO Award for Communication in the Life Sciences**

Developmental geneticist, *Armand Marie Leroi*, wins the 2006 award (page 39).

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### **Launch of EMBO fellowsNet**

The new portal supports web-based interaction within the EMBO Fellows Network (page 23).

**EMBO | EMBC**  
annual report 2006



**EMBC**

EUROPEAN MOLECULAR BIOLOGY ORGANIZATION | EUROPEAN MOLECULAR BIOLOGY CONFERENCE

**introduction**

preface by Frank Gannon, EMBO	4
preface by Tim Hunt, EMBO Council Marja Makarow, EMBC Christiane Nüsslein-Volhard, EMBO	6

**past & present**

timeline	10
brief history	11
EMBO   EMBC   EMBL	12
EMBO actions 2006	15
EMBC actions 2006	18

**EMBO & EMBC programmes and activities**

fellowship programme	23
courses & workshops programme	24
world activities	25
young investigator programme	26
installation grants	27
science & society programme	28
electronic information programme	29

**EMBO activities**

<i>The EMBO Journal</i>	32
<i>EMBO reports</i>	33
<i>Molecular Systems Biology</i>	34
journal subject categories	35
national science reviews	36
women in science	37
gold medal	38
award for communication in the life sciences	39
plenary lectures	40
sectoral meetings	41

communications office	42
European Life Sciences Forum (ELSF)	43

### appendix

EMBC delegates and advisers	46
EMBC scale of contributions	53
EMBO council members 2006	54
EMBO committee members & auditors 2006	55
EMBO council members 2007	56
EMBO committee members & auditors 2007	57
EMBO members elected in 2006	58
advisory editorial boards & senior editors 2006	68
long-term fellowship awards 2006	70
long-term fellowships: statistics	86
long-term fellowships 2006: geographical distribution	88
short-term fellowship awards 2006	90
short-term fellowships: statistics	108
short-term fellowships 2006: geographical distribution	110
young investigators 2006	112
installation grant recipients 2006	113
young investigators 2000–2005	114
young investigators: statistics	116
young investigator lectures 2006	118
courses   workshops   conference series   symposia 2006	120
plenary lectures 2006	126
participation of women in EMBO activities: statistics	128
EMBO staff	132

### events in 2007

courses   workshops   conference series   symposia 2007	136
plenary lectures 2007	141
other EMBO events 2007	142
organisations and acronyms	144



**Frank Gannon**  
EMBO Executive Director  
EMBC Secretary General

Those familiar with the language of annual reports will not be surprised to read that 2006 was another excellent year for EMBO and EMBC. As clichéd as this may sound, there is no better way to describe a year that has seen a level of success on par with, and at times exceeding, previous years. When excellence becomes the standard opener for an annual report, it may not make for exciting reading but it is certainly worth reporting.

This degree of consistency and stability comes with maturity. Those who have followed the evolution of EMBO in its annual reports, or elsewhere, will know that new activities introduced over the years (see page 10 for the timeline) have now become familiar components of the general programme of EMBC and EMBO. This is not a chance event but an outcome based on early analysis by EMBO and EMBC as to how both organisations could maximise their influence on life sciences research in Europe.

Evidence of this influence today and the benefit for the scientific community can be seen in the continued popularity of EMBO activities. In 2006, the Fellowship Programme and the Courses & Workshops Programme again saw a record number of applications, while the Young Investigator and Science & Society Programmes offered a growing range of highly appreciated activities. These programmes are underpinned by an increasingly important Electronic Information Programme, which supports EMBO's online

application systems and electronic services. At the same time, all three EMBO journals continued to perform well and develop in line with the requirements of the scientific community.

The needs of the scientific community in Europe were very much at the forefront of a new initiative from EMBO and EMBC in 2006 – the EMBO Installation Grants (see page 27). As with the more established components of the general programme, the new grants were launched after considerable analysis. Earlier pilot activities, carried out in conjunction with the Howard Hughes Medical Institute (HHMI), initially targeted scientists in Central and Eastern Europe. The new scheme has a potentially wider reach, working in an à-la-carte manner with EMBC Member States participating on a needs basis. The aim is to encourage top-class scientists to establish their laboratories in countries that have not yet reached their full scientific potential.

By seeding quality research groups in these countries, the potential is there to raise scientific standards generally and ensure that recipients of internationally competitive funding, such as the European Research Council grants, come from all countries in Europe. So far the EMBC's response to the new scheme has been enthusiastic with seven member states signing up to participate. The scientific community has also responded in turn with a total of 74 applications in the first round. The Young Investigator

Programme Committee selected 20 excellent candidates from this pool and ten of these were taken up by the member states. This is a promising start and the hope is that the scheme will grow with time.

While reflecting on EMBO's past and looking forward to the future, I am personally conscious that this will be my last opportunity to do so in the context of the annual report. As I leave EMBO and EMBC, I inevitably look back to the various milestones in EMBO's timeline and recall the discussion, debate and delivery surrounding these programmes. I do so with a sense of achievement but also with an awareness of the major contributions made by so many in the EMBO offices in Heidelberg, the EMBO Committees, the EMBC and the EMBO Council. The potential of EMBO to influence and improve the life sciences in Europe is enormous and the responsibility to deliver on this mission remains high. With a strong programme of activities in place, I can now hand over the baton and look forward to reading annual reports with interest in the future.

A handwritten signature in black ink, appearing to read "Frank Gannon". The signature is stylized and written in a cursive-like font.



**Tim Hunt**  
EMBO Council Chair



**Marja Makarow**  
EMBC President



**Christiane Nüsslein-Volhard**  
EMBO Secretary General

EMBO stands for excellence: excellent people, excellent meetings and excellent journals. Maintaining these standards down the years takes time, effort and of course money – and the core programmes of EMBO are financed by the 25 member states of the European Molecular Biology Conference (EMBC). It is perhaps remarkable, but no accident, that EMBO enjoys the trust of governments all over Europe, who continue to provide generous sums to support its molecular biology fellowships, courses and workshops without regard to questions of ‘juste retour’. This is a matter of trust and integrity, a precious reputation that EMBO has built over its forty-plus years of existence.

One might wonder if molecular biology still needs such special support, considering its overwhelming dominance as a way of looking at the world. Almost nothing in biology can now be considered without regard to its constituent molecules. But the model EMBO provides for European science is something of which to be extremely proud – to be cherished and preserved at all costs. We await with great interest, and some pride, the development of the European Research Council (ERC), whose foundation was strongly supported and actively promoted by EMBO. The ERC will provide grants to research groups and labs, not only in the life sciences, but also in physics, chemistry and the humanities. Thus, the ERC will complement EMBO and other organisations such as the ESF and ELSO.

A great strength of EMBO has been its bottom-up approach to the support of science, which provided a model for the ERC (five of whose scientific council are EMBO Members and a sixth an EMBO Young Investigator). We firmly believe that scientists know best how to run science, whereas administrators know how and where to find money. Wise governments trust scientists, and it is apt that each delegation of EMBC includes one scientific member and one representative from research administration, thereby combining the necessary specialisms. The ERC is another example where the knowledge of researchers has been trusted. EMBO together with other organisations strongly urged for the bottom-up approach for the ERC in order to develop the best concepts and practices. The EU and its Parliament should be praised for their conception of the ERC and for allowing it to adopt the best practices concerning strategy, governance and evaluation procedures.

Back to practical matters. Despite the existence of a number of alternative sources of post-doctoral fellowship schemes, such as the EU’s Marie Curie Fellowships and the international Human Frontier Science Program, the demand for EMBO Fellowships continues to increase. Recent analysis by the EMBO administration suggests that twice as many fellowships could be awarded without compromising standards – somewhere between three and four hundred a year. It is thus crucial that EMBO Members



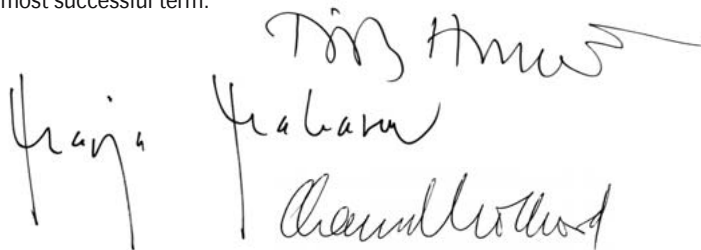
continue to argue forcefully with their local granting agencies not to resent the relatively small sums spent supporting EMBO, and indeed to consider increases in the future. Again, a question of trust; for to some, money devoted to EMBO is money taken away from the local support of science. EMBO is fully aware of this heavy responsibility to spend its monies wisely and efficiently.

So much for post-doctoral fellowships; what about courses and workshops? An important development that caused a flurry of discussion within EMBO Council is EMBL's new Advanced Training Centre (ATC), currently being built on the EMBL site in Heidelberg. Supported by the Klaus Tschira Foundation and the German government, the ATC represents a proper conference centre for EMBL with the facilities for courses in cell and molecular biology and also larger symposia of a dimension as yet unfeasible on the EMBL site. The EMBO Council welcomes this development and can reassure EMBO Members and supporters that this will not impact EMBO's continued funding of courses, workshops and conferences throughout Europe. It is EMBO's function to select high-quality meetings for funding, including some of those held at EMBL, while scientists in universities and research institutes such as EMBL run them.

A very important change in the EMBO administration will occur in 2007. After over 13 highly successful years, *Frank Gannon* has

decided to return to his native Ireland to run Science Foundation Ireland (SFI). When Frank took over from John Tooze in 1994, EMBO worked from a small office within EMBL and had a tiny staff. Today EMBO has its own building, where its enlarged staff performs a much wider range of tasks. Frank has been an inspiring leader, full of energy and good ideas, with a keen sense of the importance of including as many people as possible in his vision of a powerful grass-roots scientific organisation. He has also established two additional journals, *EMBO reports* and *Molecular Systems Biology*, both of which are doing very well.

Above all perhaps, Frank has steered EMBO towards becoming a real community of scientists, young and old alike. The new EMBO Members Meetings, regular meetings of the editorial boards, meetings to promote the ERC before its inception: these and many others have brought people together in common causes and built a strong sense of identity and integrity that will serve EMBO well long after he has departed. On behalf of EMBO and EMBC, we wish him very well for the future, thank him and congratulate him on a most successful term.



Frank Gannon  
John Tooze  
Charles Cantrell

PAST & PRESENT

EMBO

EMBC

EMBL



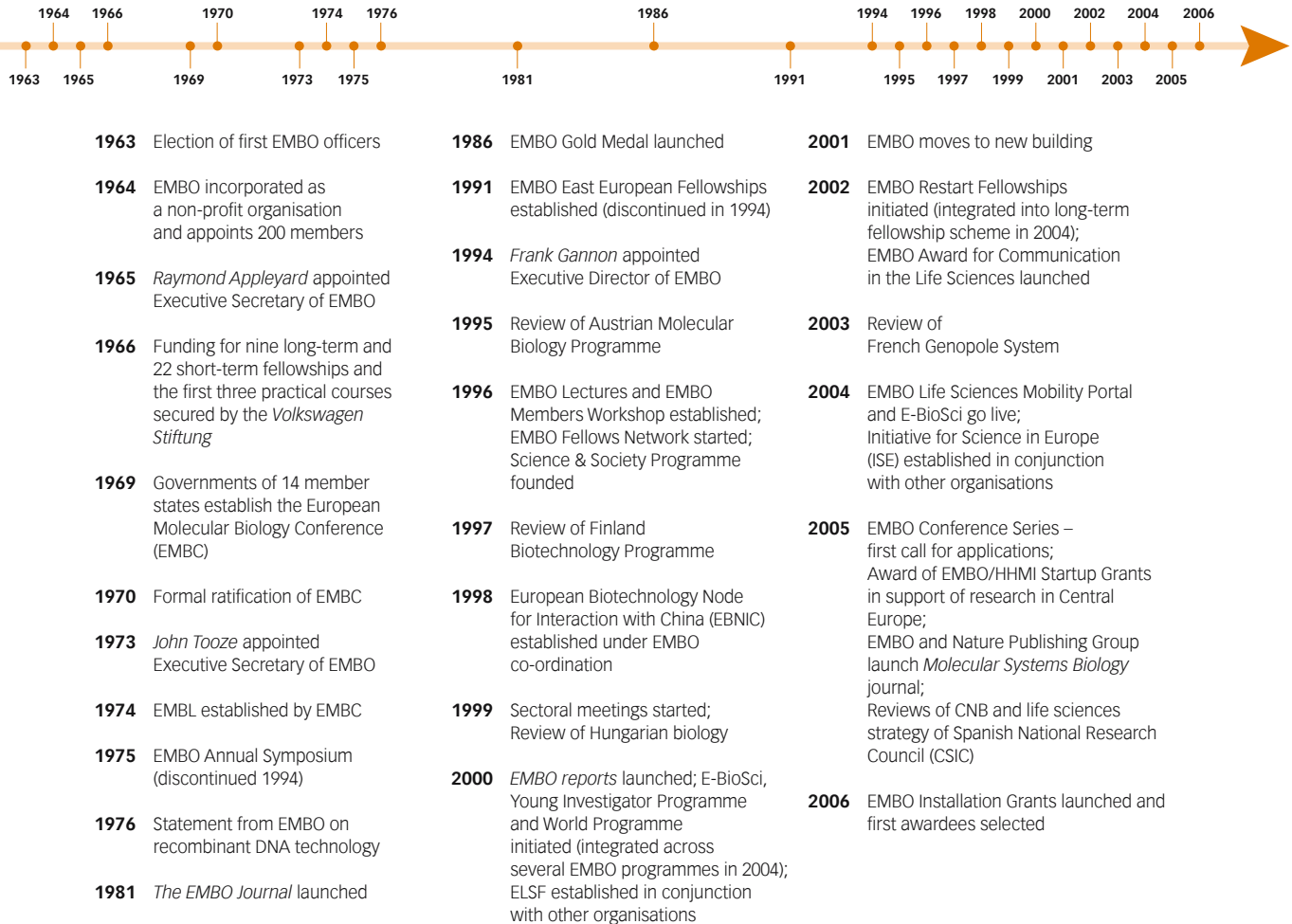
**timeline & brief history** pages 10–11

**aims EMBO | EMBC | EMBL** pages 12–14

**EMBO actions 2006** pages 15–17

**EMBC actions 2006** pages 18–19

## EMBO | timeline



## History

The origins of EMBO date back to 1963, when a group of leading European biologists gathered in Ravello, Italy to discuss proposals by *John Kendrew* and *Conrad Waddington* to establish an organisation and laboratory for co-operation 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 enhance interactions between scientists 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 Organisation Committee became the motor for the EMBO Fellowship Programme and Courses & Workshops Programme.

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 of EMBO's founding members, *Eduard Kellenberger*, EMBO was awarded official legal status on 12 July 1964. The Volkswagen Foundation provided start-up funding for the organisation and EMBO initiated its first networking activities including fellowships, practical courses and the election of 200 biologists as the first EMBO Members.

The EMBO Council worked hard to secure 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 inter-governmental organisation.

Today EMBC has grown to 25 member states including most of the European Union (EU) and some neighbouring countries. Thanks to EMBC funding and the success of *The EMBO Journal*, EMBO has been able to expand its scope dramatically 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 organisation also plays an increasing role in European science policy.

With a current membership of over 1,200 of Europe's leading life scientists and 70 associate members worldwide, EMBO has become the 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. The organisation supports transnational training and exchange at all stages of the scientific career, promoting collaboration across Europe and internationally. EMBO activities are funded predominantly by the European Molecular Biology Conference (EMBC) as part of the EMBC General Programme.

Through EMBC, EMBO supports over 600 research fellowships annually and more than 70 practical courses, workshops and conferences. 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 supports EMBO's Science & Society Programme, promoting dialogue between scientists and other sectors of society, and its Electronic Information Programme, providing web-based services to EMBO and its communities.

EMBO also funds 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's journals and occasionally from European Union (EU) grants or collaborations with international organisations. EMBO pilots these activities to determine the potential benefit of adding them to the EMBC General Programme.

Scientific publishing is another mainstay of EMBO. *The EMBO Journal* and *EMBO reports* are already well established in the scientific literature with a reputation for quality and innovation. EMBO's newest journal, *Molecular Systems Biology*, aims to set the same standards in the emerging field of molecular systems biology. Published exclusively online, the open-access journal is the first electronic publication to be dedicated to this field.

EMBO takes its lead from the scientific community and in particular the EMBO Members. EMBO elects new members annually on the basis of excellence in research. With over 1,200 EMBO Members in Europe and more than 70 associate members worldwide, the organisation provides a dedicated focal point for the European life sciences community. EMBO Members are some of the leading researchers in Europe, amongst them over 40 Nobel laureates. The membership provides valuable input to EMBO in all of its activities, in particular through participation in the EMBO committees.

The EMBO Council is also intensely engaged in EMBO actions, contributing strategically to the direction of the organisation. Comprising 15 EMBO Members, elected by the membership, the Council meets annually with the EMBO management to discuss and review EMBO activities. A dedicated team of managers, administrators and editors deliver these activities at the EMBO headquarters in Heidelberg, Germany.

## EMBC

The European Molecular Biology Conference (EMBC) is EMBO's intergovernmental funding organisation. Through the contributions of its 25 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 table).

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 the EMBO Science & Society and Electronic Information Programmes.

Selected EMBC Member States also fund the new 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 organisations are characterised by selection on the grounds of quality and a strong co-operation 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 annually in conference.

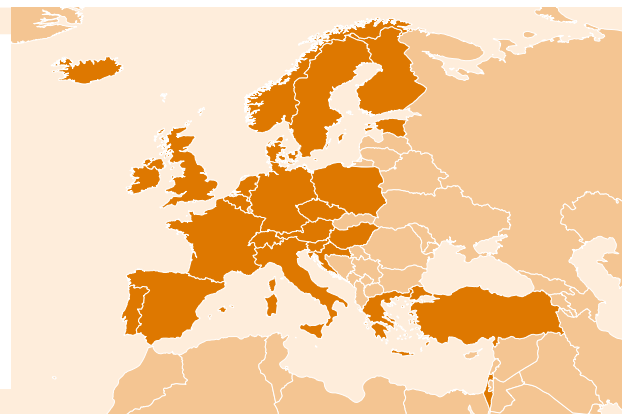
### EMBC Member States

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

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

Membership applications by Luxembourg and the Slovak Republic have been accepted and await formal ratification. Special provisions also exist for Cyprus.

→ For the scale of contributions by the individual EMBC Member States, see [page 53](#).



### 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 19 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 organisations 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 annual meeting of EMBO Council took place on 25–27 September 2006. A special strategy meeting between EMBO Council and the EMBO management was held on 14–16 March and the Council also met with EMBC on 27 May. 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

→ *Tim Hunt* started his term as Chair of EMBO Council in January 2006. *Anton Berns* was elected as Vice-Chair, replacing *Erik Boye* as of January 2007.



*Anton Berns will replace Erik Boye as Vice Chair of EMBO Council in January 2007.*

→ *Gunnar von Heijne*, *Tim Hunt* and *Kai Simons* were re-elected to Council by the membership for the period 2007–2009. *Ari Helenius* and *Daniela Rhodes* were co-opted for the same period.

→ Forty-nine EMBO Members were elected in the 2006 membership election, five of these associate members. Details of the individual EMBO Members are listed on pages 58–67.

→ Executive Director, *Frank Gannon* announced his retirement from EMBO, effective as of July 2007. The search for a replacement is ongoing.

### Financial matters

→ The EMBO Council unanimously approved the baseline budget for EMBO activities for the period 2007–2009. The budget for 2007 was also accepted. This funding comes from income generated by EMBO's journals and is used to finance (with EMBC) 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. One current example is EMBO training in professional skills. This funding also ensures EMBO has the adequate staff and infrastructure to fulfil its responsibilities to the EMBO Members and the EMBC Member States.

### EMBO programmes & journals

→ In 2006, the EMBO Fellowship Committee assessed applications in a gender-neutral manner with all references to gender being removed from documents. The aim was to establish whether gender has any impact on selection. The 2006 selection ratio for male and female applicants was compared with previous years. No significant difference was found, suggesting an absence of bias in the selection process.

### EMBO Officers + Council 2006

#### **Christiane Nüsslein-Volhard**

Secretary General, EMBO

#### **Tim Hunt**

Chair, EMBO Council

#### **Erik Boye**

Vice-Chair, EMBO Council

#### **Anton Berns**

**Margaret Buckingham**

**Roberto di Lauro**

**Ingrid Grummt**

**Daniel Louvard**

**Carlos Martínez-A.**

**Marjori Matzke**

**Sean Munro**

**Benny Shilo**

**David Shore**

**Kai Simons**

**Gunnar von Heijne**

**Maciej Żylicz**

See **pages 56–57** for a complete list of the current EMBO Council and Committee members.

**Bernhard Huber**  
(Financial Manager) and

**Bärbel Traut-Laur**  
are responsible for EMBO's  
finances.

**Claudia Hagedorn**  
is the administrator for  
the EMBO membership  
and EMBO Council.



### EMBO Council Strategic Meeting

A special meeting of the EMBO Council, EMBO Committee Chairs and the EMBO Managers was held from 14–16 March 2006 in Küsnacht, Switzerland. The focus of the meeting was the EMBO strategy for the period 2006–2015. The Council accepted a number of proposals by EMBO:

→ EMBO will increase its engagement in molecular medicine. Proposed activities in this area are the launch of a new journal (endorsed in a survey of the EMBO Members) and EMBO Short-Term Fellowships for clinicians. EMBO will also continue to fund a Molecular Medicine Workshop as part of its Courses & Workshops Programme.

→ The EMBO Membership Committee will review the changing focus of research (for example, the increased focus on molecular medicine or systems biology) and the associated consequences for the composition of EMBO's membership.

→ EMBO will explore the possibility of a partnership with the European Life Sciences Organisation (ELSO).

→ EMBO will continue to be engaged in debates on life sciences policy in Europe and will make an annual statement on scientific and demographic changes in European life sciences.

→ EMBO will maintain its Science & Society Programme and Women in Science Activities, collaborating with other organisations where appropriate.

→ EMBO will start discussions with EMBL on developing joint EMBO/EMBL Symposia to be held in the new EMBL Advanced Training Centre after its opening in 2009.

→ EMBO will consolidate its activities in the area of professional training. Actions such as the EMBO Media Workshops and Laboratory Management Courses will be merged into a cohesive training programme during a pilot phase in 2007.

→ EMBO will start a travel grants programme to support young scientists attending scientific meetings.

→ EMBO activities in the area of policy advice were recognised as an important and relatively new role for the organisation.

→ The importance of EMBO's journals was reiterated, particularly as a means of promoting high standards in research, maintaining a strong European and science-driven presence in scientific publishing, and as a source of income for current and future EMBO activities.

→ EMBO will maintain its World Activities at the current level, recognising the importance of the contacts generated for European research in the medium term.

### EMBO Council/EMBC Meeting

On 27 May 2006, the EMBO Council and EMBC met in Brussels, Belgium to discuss interactions between the two bodies and a common strategy for the future.

→ Different aspects of EMBO activities were discussed and decisions from the EMBO Council Strategic Meeting considered. EMBC concluded that the proposed strategy was in keeping with their interests.

→ Joint meetings of EMBC and EMBO Council will be repeated on an annual basis. One topic of importance for the next meeting will be the impact of the European Research Council on the policy of EMBC and EMBO.

### Other EMBO activities:

#### Awards

→ *Frank Uhlmann* of Cancer Research UK's London Research Institute (LRI) won the 2006 EMBO Gold Medal for his work on the cell cycle (see page 38).

→ UK scientist, author and broadcaster, *Armand Marie Leroi*, was the 2006 winner of the EMBO

Award for Communication in the Life Sciences (see page 39).

→ *Jelena Jovanovic* of the National Institute for Medical Research in London, UK won the EMBO/EMBL Science Writing Prize in 2006.

### Meetings

→ The annual EMBO Members Workshop was held in Sheffield, UK on 13–16 October 2006. The meeting featured a mini-symposium on epigenetics and an EMBO Nobel Lecture on energy conversion in mitochondria by EMBO Member, *Sir John E. Walker*.

→ The EMBO Managers and the Chair of EMBO Council made a special visit to Turkey to inform scientists about EMBO activities and encourage them to apply.

→ The EMBO Executive Director and EMBO Managers were engaged in a variety of other meetings and collaborations – in particular with the Federation of European Biochemical Societies (FEBS) and the various programmes of the European Commission (EC).

→ EMBO continues to drive and participate in the activities and meetings of the European Life Sciences Forum (ELSF) and the Initiative for Science in Europe (ISE) (see page 43).

### EMBO Committee Chairs 2006

#### Maria Leptin

Chair, EMBO Membership Committee

#### Daniela Rhodes

Chair, EMBO Fellowship Committee

#### Pico Caroni

Chair, EMBO Course Committee

#### Regine Kahmann

Chair,  
EMBO Young Investigator Committee

#### Roberto Sitia

Chair,  
EMBO Science & Society Committee

#### Eric Westhof

Chair, EMBO Publications  
& Electronic Information Committee

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See **pages 56–57** for a complete list of the current EMBO Council and Committee members.

**Gitta Bourke**  
is the administrator for  
EMBC, located in the EMBO  
building.



In 2006 two formal sessions of EMBC were held in Heidelberg, Germany and Grenoble, France. The EMBC Strategic Working Party also met in Brussels, Belgium and a meeting of the Financial Advisory Group took place in Lisbon, Portugal. The decisions and actions resulting from these meetings are listed below.

### EMBC Officers

→ *Isabella Beretta* of Switzerland was elected as EMBC Secretary General, replacing *Frank Gannon* as of 2007. All other EMBC officers were re-elected for 2007.

### Financial matters

→ EMBC accepted the accounts for 2005 and noted the reports of the external and internal auditors.

→ The Cost Variation Index (CVI) for 2007 was approved and the budget for 2007 accepted.

→ The scale of contributions by the EMBC Member States for the period 2007–2009 was approved.

→ Financial Rule 2 was amended to make provision for the election of a Chair and Vice-Chair of the Audit Committee.

→ The “Office of the Auditor General of Norway” was appointed as EMBC External Auditor for the financial years 2007–2009.

### Reports on EMBO/EMBC activities

→ At each of its formal sessions, EMBC heard a report on EMBO’s delivery of the EMBC General Programme.

→ An audit report on the impact of EMBO Long-Term Fellowships was positively received by EMBC at its November session.

→ At the same session, EMBC was informed about an EMBO analysis of the impact of gender and family on the success rate of long-term fellowship applicants. The results of this survey indicated an absence of bias in the selection process (see page 15).

### New developments

→ The EMBC Special Project supporting “Strategic Development Installation Grants” (known as EMBO Installation Grants) was officially launched in February 2006. The new scheme received 74 applications and 10 scientists were selected to receive funding from the participating member states as of 2007 (see page 27).

→ The consequences of the EC’s European Charter for Researchers were discussed at both EMBC sessions. EMBO and EMBC will continue to monitor developments in this area.

### Interaction with other organisations

→ A special joint session of EMBC and the EMBL Council was held in July 2006 to ensure optimal

co-operation between the organisations. The different roles and responsibilities of EMBO and EMBL in the European research landscape were highlighted and discussed.

→ EMBO continued in its initiative to offer scientific advice to EMBC on issues of science policy. A special hearing on the topic of stem cell research took place prior to the formal EMBC session in November. The EMBC Delegates also received an EMBO publication on stem cell research, providing an introduction to the area and recommendations for action at the policy level (see page 28).

### EMBC officers for 2006

**Marja Makarow** (Finland)  
President

**Krešimir Pavelić** (Croatia)  
**Peter Weisbeek** (Netherlands)  
Vice-Presidents

**Frank Gannon** (EMBO)  
Secretary General

**Brita Beije** (Sweden)  
Chair, Financial Advisory Group

**Maria José Almeida** (Portugal)  
Vice-Chair, Financial Advisory Group

→ For a list of all EMBC Delegates and Advisers see **pages 46–52**

### Strategic Working Party 2006

**Ahmet Ademoglu** (Turkey)

**Brita Beije** (Sweden)

**Isabella Beretta** (Switzerland)

**Eckhart Curtius** (Germany)

**Julien Galabru** (France)

**Frank Gannon** (EMBO)

**Marja Makarow** Chair (Finland)

**Juan Modolell** (Spain)

**Krešimir Pavelić** (Croatia)

**Glauco Tocchini-Valentini** (Italy)

**Peter Weisbeek** (Netherlands)

**Douglas Yarrow** (United Kingdom)

EMBO & EMBC

PROGRAMMES & ACTIVITIES

2006



**fellowship programme** page 23

**courses & workshops programme** page 24

**world activities** page 25

**young investigator programme** page 26

**installation grants** page 27

**science & society programme** page 28

**electronic information programme** page 29





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.

- Approximately 200 long-term fellowships and 200 short-term fellowships awarded annually
  - Annual EMBO Fellows Meeting for fellows in the final year of their long-term fellowship
  - Biennial 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 26) and EMBO Media Workshops (see page 28)
  - Special conditions for EMBO Fellows with children (see page 37)
- For long-term fellowship trends and statistics, see **pages 70–89**
- For short-term fellowship trends and statistics, see **pages 90–111**

### 2006 HIGHLIGHTS

#### → EMBO Long-Term Fellowships

1232 applicants / 222 awards  
18% success rate

#### → EMBO Short-Term Fellowships

393 applicants / 194 awards  
49% success rate

#### → EMBO Fellows Meeting

26–29 May 2006  
Heidelberg, Germany  
60 participants

#### → EMBO North American Fellows Meeting

11–13 November 2006  
La Jolla, San Diego, USA  
90 participants

#### → Launch of EMBO fellowsNet

supporting web-based interaction and communication within EMBO Fellows Network

#### → First EMBO Laboratory Management Courses

for long-term fellows



**Jan Taplick**  
Programme Manager



**Liselott Maidment**  
Administrator  
Long-term fellowships



**Laura Cortesi**  
Administrator  
Long-term fellowships  
(EMBO fellowsNet)



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

**Mary Gannon**  
Programme Manager



**Marion Poth**  
Administrator



**Lynne Turnbull**  
Administrator  
Online HelpDesk



*Departure*

**Zeynep Dinsi-Yararli**  
Administrator

The EMBO Courses & Workshops Programme has a long-standing reputation in scientific training. The programme funds high-quality meetings across Europe, providing training on a range of molecular biology topics to scientists at all career stages. A careful selection process ensures that only the best and most novel meetings are funded.

- Approximately 70 meetings funded annually, attracting over 5,000 participants

- Varied training including practical courses, workshops and conference series on a wide range of novel topics

- Joint activities sponsored with other scientific organisations such as ESF-EMBO Symposia

- Maximum grant of €30,000 per meeting depending on budgetary requirements

- Travel grants for practical-course participants from selected countries

- Free online HelpDesk service providing organisers with websites, online application systems, an abstract submission facility and posters

→ For a list of all courses, workshops and conferences in 2006, see **pages 120–125**

→ For a list of 2007 courses, workshops and conferences, see **pages 136–140**

#### 2006 HIGHLIGHTS

→ **EMBO Practical Courses**

35 applications / 27 funded

→ **EMBO Lecture Courses**

6 applications / 4 funded

→ **EMBO Workshops**

38 applications / 26 funded

→ **EMBO Conference Series**

15 applications / 6 funded

First six meetings of new conference series took place in 2006

→ **ESF-EMBO Symposia**

8 applications / 4 funded

→ **Total participant numbers**

Approximately 6,000 researchers

→ **EMBO delegate bags**

provided to all participants

→ **HelpDesk service**

31 websites, 19 posters

**EMBO promotes scientific interaction at an international level. EMBO World Activities are an integral part of many EMBO programmes with the aim of strengthening links between research communities in Europe and other continents. EMBO training opportunities are open to scientists worldwide and the organisation also funds practical courses and workshops outside Europe. EMBO Fellowships promote international mobility and exchange.**

- EMBO Courses, Workshops and Conferences cater for an international audience with researchers from around the world participating in European meetings
- The Courses & Workshops Programme (see opposite page) funds a small number of practical courses and workshops outside Europe
- EMBO sponsors plenary lectures by EMBO Members at international meetings (see page 40)
- EMBO Short-Term Fellowships (see page 23) support research visits to laboratories in Europe and elsewhere in the world, also accepting applications from non-Europeans
- The EMBO Life Sciences Mobility Portal (see page 29) provides information on European funding sources and grant application procedures to scientists from outside Europe

#### 2006 HIGHLIGHTS

→ **EMBO Practical Courses (World)**

6 applications / 5 funded

→ **EMBO Workshops (World)**

5 applications / 3 funded

→ **Fellowship applications from outside Europe**

45 applicants / 22 awards  
(49% success rate)

→ **Eight plenary lectures outside Europe**

(see page 40)

→ For a list of all courses and workshops held outside Europe in 2006, see **pages 121–122**

→ For a list of courses and workshops to be held outside Europe in 2007, see **pages 137, 139**

**Mary Gannon**  
Programme Manager

**Marion Poth**  
Administrator

**Lynne Turnbull**  
Administrator  
Online HelpDesk

**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 a network of over 200 scientists in 23 EMBC Member States. The young investigators benefit from unique networking and training opportunities designed to raise their profile, widen their network and support their research groups.

- 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 (also open to other scientists), an annual PhD course for the young investigators' students and satellite meetings on different topics

- Annual award of €15,000 plus possible top-up funds from EMBO

- One year's free subscription to *EMBO reports* and free online access to *The EMBO Journal*

#### 2006 HIGHLIGHTS

→ **EMBO Young Investigator Programme**

153 applicants / 21 awards  
13% success rate

→ **6th EMBO Young Investigator Meeting**

3–6 May 2006  
IMP, Vienna, Austria  
56 participants

→ **EMBO Young Investigator Lectures**

25 lectures sponsored at  
international meetings

→ **EMBO Laboratory Management Courses**

Heidelberg, Germany  
Open courses: 35 participants (3 courses)  
Courses for EMBO Fellows: 64 participants

→ **5th EMBO Young Investigator PhD Course**

17–24 September 2006  
Heidelberg, Germany  
36 participants

→ For a list of EMBO Young Investigators selected in 2006, see **page 112**

→ For programme statistics and EMBO Young Investigator Lectures in 2006, see **pages 116–119**

→ For a list of programme events in 2007, see **page 143**

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 and networking 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.

**Gerlind Wallon**  
Programme Manager

**Kim Krynauw**  
Administrator

■ Ten scientists selected in the first selection round in 2006

### 2006 HIGHLIGHTS

→ **Successful launch in February 2006**

■ Participating countries: Croatia, the Czech Republic, Estonia, Poland, Portugal and Turkey

→ **First EMBO Installation Grant awards**

74 applicants / 10 awards  
13.5% success rate

■ Annual grant of €50,000 for three to five years

→ **4th EMBO/HHMI Central European Scientists Meeting**

15–17 June 2006  
Dubrovnik, Croatia  
104 participants

■ 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

### Current participating countries

Croatia	Poland
Czech Republic	Portugal
Estonia	Turkey
Hungary (as of March 2007)	

→ For a list of the EMBO Installation Grant Recipients selected in 2006, see **page 113**

**Andrew Moore**  
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 seven years. A range of initiatives helps scientists to communicate their research more effectively, stimulate and inform public debate, and contribute to improvements in science education and policy-making.

- Public dialogue on scientific developments of social concern through annual conferences co-organised with EMBL
- Annual Award for Communication in the Life Sciences rewarding scientists for outstanding communication with the public
- Analysis of current issues in European life sciences policy resulting in publications informing policy-making
- Media communication training for young scientists

#### 2006 HIGHLIGHTS

- **7th EMBL/EMBO Joint Conference on Science & Society**  
"Genes, brain/mind and behaviour"  
3–4 November 2006  
Heidelberg, Germany  
227 participants
- **EMBO Award for Communication in the Life Sciences**  
Armand Marie Leroi  
(see page 39)
- **5th EMBO International Workshop on Secondary School Biology Education**  
11–13 May 2006  
Heidelberg, Germany  
118 participants from 26 countries
- **6th EMBO Media Workshop**  
27 May 2006  
Heidelberg, Germany  
60 participants
- **Policy publication on stem cell research**  
Introduction for non-specialists including policy recommendations (free print copy or online download available)
- **New EMBO Media Training DVD**  
(free copies available)
- **Launch of EMBO Fund for Science & Society Actions**
- **First edition of joint EMBO/EMBL Science Writing Prize** (see page 17)
- Support of secondary school biology education through annual workshops and an international teachers network
- Annual Science Writing Prize (co-organised with EMBL since 2006)
- Special science and society sessions at European scientific meetings
- Grants scheme for initiatives in science and society
- Funding of science and society speakers at European scientific meetings

→ For a list of programme events in 2007, see **page 142**

The Electronic Information Programme supports EMBO's programmes, networks and the wider scientific community with web-based services that include the EMBO website, online application and registration systems, the EMBO Life Sciences Mobility Portal and EMBO fellowsNet. Technology developed in previous years within the E-BioSci and ORIEL projects also continued to be used by scientists in 2006 to access the scientific literature and other digital information.

- Up-to-date information on EMBO activities, the EMBO community and the life sciences in general through the EMBO website
- Searchable online database of information on European funding, training and career opportunities through the EMBO Life Sciences Mobility Portal
- Support of web-based interaction and communication within the EMBO Fellows Network through EMBO fellowsNet (see page 23)
- Integrated online services and application systems for the Fellowship Programme and Young Investigator Programme
- Online application and registration systems for the Courses & Workshops Programme and its online HelpDesk service
- Professional content management systems for the EMBO and EMBC websites

#### 2006 HIGHLIGHTS

- **Two-fold increase in hits on EMBO Life Sciences Mobility Portal**  
Monthly high of over 290,000 hits in December 2006
- **29% increase in hits on EMBO website**  
Monthly high of over 650,000 hits in December 2006
- **Launch of EMBO fellowsNet**  
supporting web-based interaction and communication within EMBO Fellows Network
- **Implementation and maintenance of new online HelpDesk service**  
for Courses & Workshops Programme



**Les Grivell**  
Programme Manager



**Anne Seller**  
Administrator



**Patricia Codyre**  
Communications Officer  
(Web)



**Ole Hansen**  
Technical Officer



**Sabine  
Rehberger-Schneider**  
Life Sciences Mobility  
Consultant

EMBO

ACTIVITIES

2006





**EMBO activities**

*The EMBO Journal* page 32

*EMBO reports* page 33

*Molecular Systems Biology* page 34

journal subject categories page 35

national science reviews page 36

women in science page 37

gold medal page 38

award for communication  
in the life sciences page 39

plenary lectures page 40

sectoral meetings page 41

communications office page 42

European Life Sciences Forum (ELSF) page 43



**Pernille Rorth**  
Executive Editor

**Isabel Arnold**  
**Karin Dumstrei**

**Thomas Lemberger\***  
**Thomas Schwarz-Romond**

**Hartmut Vodermaier**  
**Volker Wiersdorff\*\***

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Associate Editor

**Jana Christopher\***  
**Valeria Kaplan**  
**Fiona Panayi**  
Editorial Assistants

*Departures*

**Valerie Ferrier**  
Editor

**Sladjana Jablanović**  
**Claire Johnstone**

**Karen Thompson**  
Editorial Assistants

**Daniela Ruffell**  
Trainee



*The EMBO Journal* has been EMBO's flagship publication for over 20 years. With a current impact factor of 10.053 and a citation half-life of 6.9 years\*, the journal has an international reputation for quality and originality. Published papers are amongst the best in their fields, providing novel insights into a diverse range of biological problems.

\*Thomson-ISI, PA, USA, 2006

■ Broad scope spanning all areas of molecular biology (see subject categories on page 35)

■ Owned and run by EMBO, published by Nature Publishing Group (NPG)

■ Professional EMBO editorial team supported by an Executive Editor, Senior Editors and an Advisory Editorial Board of EMBO Members

■ 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 WHO-brokered HINARI initiative)

■ Full archive available online

→ For a list of Advisory Editorial Board members, see **pages 68–69**

**2006 HIGHLIGHTS**

→ **Special web focus on imaging**  
published in August 2006

→ **29% increase in hits on journal website**  
Average monthly hit rate of over 670,000

→ **20% increase in e-mail alert registrants**  
Monthly average of over 72,000 registrants

→ **Implementation of RSS feeds online**  
Average monthly uptake of over 49,000

→ **10% increase in submissions**

→ **Meeting of Advisory Editorial Board & Senior Editors**  
24–26 April 2006  
Heidelberg, Germany

**Senior Editors**

David C. Baulcombe

Ari Helenius

Tim Hunt

Tony Hunter

\* also *Molecular Systems Biology*

\*\* also database, graphics and web support

**EMBO reports is a unique publication, catering not only for the scientific community but also general readers with an interest in the social impact of biological advances. The journal provides a varied perspective on current research in a range of articles including research papers, reviews, scientific reports and journalistic viewpoints. Its current impact factor is 7.663\*.**

\*Thomson-ISI, PA, USA, 2006

- Diverse scope covering all areas of molecular biology (see subject categories on page 35)
- Variety of article formats in three sections: Science & Society, Reviews, Scientific Reports
- Owned and run by EMBO, published by Nature Publishing Group (NPG)
- Professional EMBO editorial team supported by a Senior Editor and an Advisory Editorial Board of EMBO Members
- Publication of special issues on topics of current scientific and social interest
- 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 WHO-brokered HINARI initiative)

- Full archive available online

#### 2006 HIGHLIGHTS

- **Science & Society special issue**  
"Science and security"  
July 2006
- **Successful implementation of "eJournalPress"**  
an online manuscript submission and tracking system
- **8% increase in e-mail alert registrants**  
Monthly average of over 91,000 registrants
- **Implementation of RSS feeds online**  
Average monthly uptake of over 27,000
- **Average monthly hit rate of 170,000**  
on journal website
- **Meeting of Advisory Editorial Board**  
24–26 April 2006  
Heidelberg, Germany
- For a list of Advisory Editorial Board members, see **pages 68–69**



**Frank Gannon**  
Senior Editor



**Holger Breithaupt**  
Editor, Science & Society



**Susan R. Owens**  
Editor, Reviews



**Sandra Caldeira**  
Editor, Scientific Reports



**Caroline Hadley**  
Assistant Editor  
(Co-ordinator)



**Les Grivell**  
Associate Editor



**Uta Mackensen**  
Graphics Editor



**Susanne Hofner-Harris**  
Editorial Assistant

*Departure*  
**Caroline Simpson** (Edit. Assist.)

**Thomas Lemberger**  
Editor



**Les Grivell**  
Associate Editor



**Frank Gannon**  
Associate Editor



**Jana Christopher**  
Editorial Assistant



*Departure*

**Caroline Simpson**  
Editorial Assistant

**Senior Editors**

Ruedi Aebersold  
Peer Bork  
George Church  
Leroy Hood  
Edison Liu

→ For a list of Advisory Editorial Board members see **page 69**

Launched in 2005, *Molecular Systems Biology* is an open-access publication dedicated to the growing field of systems biology at the molecular level. Published exclusively online, 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.

- Wide scope covering all aspects of molecular systems biology (see subject categories on the next page)
- Enhanced support for structured data formats such as Systems Biology Markup Language (SBML)

- 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, news & views, and editorials

- Rapid publication and wide exposure of articles across NPG's subject area pages and gateways

- Online feedback forum inviting comments on published articles

- Indexed in PubMed and PubMed Central

**2006 HIGHLIGHTS**

- **Accepted for indexing by**  
ISI Web of Knowledge
- **Increase in content**  
More than two-fold increase in published articles
- **Increase in visibility**  
More than two-fold increase in RSS uptake, e-mail alert registrants and website hits (up to 4000 PDF downloads of top 10 articles)
- **Joint focus with *Nature Cell Biology* and *Nature Reviews Molecular Cell Biology***  
"Systems Biology: A User's Guide"
- **Partnership with 2nd Annual RECOMB Workshop on Systems Biology**  
to consider papers presented at the conference
- **First meeting of Advisory Editorial Board**  
15 October 2006  
Heidelberg, Germany

Subject categories

*The EMBO Journal, EMBO reports and Molecular Systems Biology*

- Development
- Immunology
- Neuroscience
- Plant Biology
- Structural Biology
- Genomic & Computational Biology
- Genome Stability & Dynamics
- Chromatin & Transcription
- RNA
- Proteins
- Cellular Metabolism
- Signal Transduction
- Cell Cycle
- Differentiation & Death
- Membranes & Transport
- Cell & Tissue Architecture
- Microbiology & Pathogens
- Molecular Biology of Disease

*Categories unique to Molecular Systems Biology*

- Bioinformatics
- Proteomics
- Functional Genomics
- Structural Genomics
- Metabolic and Regulatory Networks
- Synthetic Biology
- Computational Methods
- Simulation and Data Analysis

THE  
EMBO  
JOURNAL

EMBO  
*reports*

molecular  
systems  
biology



Since 1994, EMBO has offered its services as a review body to the EMBC Member States, carrying out several assessments of national research programmes. Each review is executed by an expert panel of EMBO Members, who analyse the strengths and weaknesses of the respective life science programme. A comprehensive report and detailed recommendations are delivered to the relevant research councils or ministries.

EMBO's most recent review evaluated various units in the Spanish National Research Council's (CSIC) life science programme. A 2005 assessment of the Spanish National Biotechnology Centre (CNB) in Madrid, one of the largest units of the CSIC, was followed by a broader more strategic look at 19 of the CSIC's life science institutes.

#### EMBO Reviews (1995–2005)

1995 **Austrian Biochemistry & Biotechnology Programmes**

1997 **Finland Biotechnology Programme**

1999 **Hungarian Academy of Sciences** (life science centres)

2003 **French Genopole System**

2005 **Spanish National Biotechnology Centre (CNB)**

2005 **Spanish National Research Council (CSIC)**

EMBO makes efforts to assess and act upon imbalances in the scientific career path, looking in particular at the situation for female scientists and researchers with young children. EMBO also monitors its own programmes to ensure that they cater for all scientists, regardless of their circumstances. The aim is to support researchers returning to science after a career break and to ensure family-friendly working conditions for all scientists.

- 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 organisations such as the FEBS/EMBO Women in Science sessions and the EU-funded SET-Routes initiative with EMBL and CERN
  - Targeted events such as the upcoming SET-Routes Women in Science Conference
  - Special conditions for EMBO Fellows with children including paid maternity/paternity leave, part-time working hours, 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)

#### 2006 HIGHLIGHTS

##### → FEBS/EMBO Women in Science Session

“The UK Athena Project: The way forward”  
31st FEBS Congress  
26 June 2006  
Istanbul, Turkey

##### → New crèche support for EMBO Fellows

for female fellows with children under six years of age

##### → Study on female/male long-term fellowship applicants

Analysing career development and scientific productivity

→ For statistics on the participation of women in EMBO activities, see **pages 128–131**



**Gerlind Wallon**  
Manager



**Anna Ledin**  
Administrator



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 in Europe and brings the very best young scientists to the attention of a global audience.

The 2006 winner was *Frank Uhlmann*, Head of the Chromosome Segregation Laboratory at Cancer Research UK's London Research Institute. Uhlmann was honoured for his landmark work on the cell cycle, in particular his discovery of the trigger for mitosis, which holds great

promise for the future prevention, diagnosis and treatment of cancer.

Frank Uhlmann received his award and presented a lecture on his research at a special award ceremony on 15 October 2006 at the EMBO Members Meeting in Sheffield, UK.

#### Winners of the EMBO Gold Medal

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



The EMBO Award for Communication in the Life Sciences is presented annually to a life scientist in Europe for outstanding contributions to the public communication of science. The prize rewards these scientists for their exceptional efforts to combine science communication with a full-time research career. The winner in 2006 was *Armand Marie Leroi*, research scientist and lecturer at Imperial College London, UK.

*Armand Leroi* received the award in recognition of his diverse contributions to science communication. The talented developmental geneticist is author of *Mutants*, an acclaimed popular science book that tells the fascinating and often misunderstood story of human development, and how genetic mutations can provide the key to what makes us who we are.

Leroi has also brought this vast, uncharted area of biology to the screen, scripting and presenting two powerful TV documentary series. Print journalism is also familiar territory for the scientist, who is a regular contributor to newspapers like *The Times*, *The Independent* and *The New York Times*.

Armand Marie Leroi received his award and presented a talk on his communication work on 3 November 2006 at the EMBL/EMBO Science & Society Conference in Heidelberg, Germany.



**Winners of the EMBO Award for  
Communication in the Life Sciences**

- 2002 **Ronald Plasterk** (Utrecht, NL)
- 2003 **Peter Csermely** (Budapest, HU)
- 2004 **Fran Balkwill** (London, UK)
- 2005 **Edoardo Boncinelli** (Milan, IT)
- 2006 **Armand Marie Leroi** (London, UK)

**Mary Gannon**

Programme Manager

**Marion Poth**

Administrator

*Departure***Zeynep Dinsi-Yararli**

Administrator

Every year EMBO sponsors plenary lectures by EMBO Members at major international scientific meetings. The aim is two-fold – to support EMBO Members in their collaboration with scientists from associated fields and to raise the profile of European science worldwide. “The EMBO Lectures” also bring EMBO activities to the attention of a wider scientific audience. In 2006, EMBO sponsored 34 plenary lectures, 26 of these at European events and 8 at international meetings.

**EMBO Plenary Lectures 2006: Geographical distribution**

Europe (26 lectures)			Outside Europe (8 lectures)	
Austria	Greece	Spain	Argentina	New Zealand
Croatia	Hungary	Switzerland	Australia	South Africa
Czech Republic	Iceland	Turkey	Canada	USA
Denmark	Italy	United Kingdom		
France	Norway			
Germany	Portugal			

→ For full details of 2006 plenary lectures, see **pages 126–127**

→ For plenary lectures planned for 2007, see **page 141**

For the past eight years, EMBO has been organising sectoral meetings on a range of different research areas. The aim of these meetings is to promote greater development and collaboration in these sectors. The meetings ensure strong contacts between EMBO and its members, strengthen links between members in similar fields and help EMBO to respond to the needs of different sectors.

The final meeting in the current series focussed on the growing area of virology. Hosted by EMBO Member *Hans-Dieter Klenk* at the Institute of Virology in Marburg, more than 40 participants from the EMBO community and the host institute gathered to discuss developments in the field. Representation of virologists in the EMBO membership was also a topic for consideration, as was coverage of virology in EMBO's journals and the organisation's potential impact on future virology research in Europe.

EMBO Sectoral Meetings have had a number of positive outcomes for the different research communities and a direct impact on EMBO activities. One particular example is the Courses &

Workshops Programme. EMBO can now offer a broader range of meetings in these sectors due to increased interest from scientists in these fields. Molecular medicine has gained greater exposure through an annual EMBO Workshop and the diversity of the EMBO membership reflects a growing prominence of the particular sectors.

### 2006 HIGHLIGHT

#### → EMBO Sectoral Meeting: Virology

Institute of Virology  
Marburg, Germany  
8–10 December 2006

### EMBO Sectoral Meetings

1999	<b>Neurobiology</b>	Heidelberg	Germany
2000	<b>Plant Biology</b>	Heidelberg	Germany
2000	<b>Microbiology</b>	Heidelberg	Germany
2002	<b>Immunology</b>	Oeiras	Portugal
2003	<b>Molecular Medicine</b>	Cavtat	Croatia
2004	<b>Bioinformatics &amp; Computational Biology</b>	Rome	Italy
2005	<b>Neurobiology</b> (follow-up meeting)	Alicante	Spain
2006	<b>Virology</b>	Marburg	Germany

**Lindsay Johnson**  
Chief Communications  
Officer

**Uta Mackensen**  
Graphic Designer

**Anne Seller**  
Administrator



The EMBO Communications Office serves as an information resource for scientists, decision-makers, the media and the general public. A number of targeted activities also support an active communication channel between EMBO and its scientific networks of members, young investigators and fellows.

- Up-to-date information on EMBO activities, the EMBO community and the life sciences in general through the EMBO website (see page 29)
  - EMBOencounters newsletter, featuring the latest news from EMBO and its scientific networks
  - Information and publicity material on EMBO activities e.g. brochures, flyers, posters
  - Print and online advertising in major scientific publications e.g. *Nature*, *Science*
  - Regular contact with the EMBO community, keeping scientists informed of developments at EMBO
  - Interaction with the wider scientific community at major European scientific meetings
  - Communication with the media, providing a trusted source of information on EMBO activities and the life sciences in general
- 2006 HIGHLIGHTS**

  - **EMBOencounters** (3 issues per year)  
New features e.g. "Spotlight" on EMBO programmes and "Editor picks" column
  - Increase in content contributions from EMBO Members
  - First web version published
  - **New EMBO overview brochure**  
Copies available on request
  - **Increase in online advertising**  
on the websites of EMBO's journals
  - **Press coverage**  
in major publications  
e.g. *Nature*, *Science*, *The Scientist*
  - **Exhibition presence**  
at 31st FEBS Congress in Istanbul, Turkey

The European Life Sciences Forum (ELSF) is a platform of 14 organisations representing the life sciences in Europe. Founded by EMBO, the Federation of European Biochemical Societies (FEBS), EMBL and the European Life Scientist Organization (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 co-ordinates its activities from its base at EMBO.



**Luc Van Dyck**  
Executive Co-ordinator

- Analyses current issues in European science policy, co-ordinating 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
- Co-ordinates 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

### 2006 HIGHLIGHTS

→ **ISE letter on ERC published in Science**  
(endorsed by the heads of 57 organisations)  
"Crucial Choices for the Nascent ERC"  
Science 311: 1240 (03 Mar 2006)

→ **ELSF Meeting on infrastructure**  
"Research Infrastructures for the life sciences in Europe"  
5–6 June 2006  
Vienna, Austria  
Over 50 participants

→ **Launch of ELSF campaign on infrastructure**  
and publication of founding document  
(available on website)

APPENDIX

2006



## appendix

<b>EMBC delegates and advisers</b>	pages 46–52
<b>EMBC scale of contributions</b>	page 53
<b>EMBO council &amp; committees 2006</b>	pages 54–55
<b>EMBO council &amp; committees 2007</b>	pages 56–57
<b>new members 2006</b>	pages 58–67
<b>advisory editorial boards &amp; senior editors 2006</b>	pages 68–69
<b>long-term fellowship awards 2006</b>	pages 70–85
<b>long-term fellowships: statistics and geographical distribution</b>	pages 86–89
<b>short-term fellowship awards 2006</b>	pages 90–107
<b>short-term fellowships: statistics and geographical distribution</b>	pages 108–111
<b>young investigators 2006</b>	page 112
<b>installation grant recipients 2006</b>	page 113
<b>young investigators 2000–2005</b>	pages 114–115
<b>young investigator statistics</b>	pages 116–117
<b>young investigator lectures 2006</b>	pages 118–119
<b>courses, workshops, lectures, conferences, symposia 2006</b>	pages 120–125
<b>plenary lectures 2006</b>	pages 126–127
<b>participation of women in EMBO activities: statistics</b>	pages 128–131
<b>EMBO staff</b>	pages 132–133

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### → ESTONIA

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**Contributions from EMBC Member States**

	2004–2006 %	2007–2009 %
Austria	2.0900	2.0697
Belgium	2.5944	2.5121
Croatia	0.2032	0.2604
Czech Republic	0.6139	0.6742
Denmark	1.5800	1.5666
Estonia*		0.0479
Finland	1.2362	1.2364
France	14.8830	14.9765
Germany	20.7922	19.7377
Greece	1.3928	1.5218
Hungary	0.5573	0.6953
Iceland	0.0903	0.0836
Ireland	0.9230	1.0787
Israel	1.0958	1.0005
Italy	12.1778	12.0193
Netherlands	4.0805	4.3041
Norway	1.6928	1.8111
Poland	2.1200	1.8467
Portugal	1.1368	1.1105
Slovenia	0.2332	0.2176
Spain	6.4358	7.1822
Sweden	2.4625	2.4942
Switzerland	3.1173	2.8899
Turkey	2.3194	2.3655
United Kingdom	16.1718	16.2975
<b>Total</b>	<b>100</b>	<b>100</b>

\* Estonia joined the EMBC in 2006

## EMBO council members 2006

year(s) elected	name	country
2005	Anton Berns	NL – Amsterdam
2001, 2004	Erik Boye ( <i>Vice-Chair</i> )	NO – Oslo
2003, 2006	Margaret Buckingham	FR – Paris
2005	Roberto di Lauro	IT – Napoli
2002, 2005	Ingrid Grummt	DE – Heidelberg
2004	Tim Hunt ( <i>Chair</i> )	GB – London
2005	Daniel Louvard	FR – Paris
2002, 2005	Carlos Martínez-A.	ES – Madrid
2006	Marjori Matzke	AT – Vienna
2001, 2004	Sean Munro	GB – Cambridge
2006	Benny Shilo	IL – Rehovot
2006	David Shore	CH – Geneva
2004	Kai Simons	DE – Dresden
2004	Gunnar von Heijne	SE – Stockholm
2003, 2006	Maciej Żylicz	PL – Warsaw

**ex officio/observers**

Christiane Nüsslein-Volhard	EMBO Secretary General
Marja Makarow	EMBC President
Frank Gannon	EMBC Secretary General / EMBO Executive Director
Iain Mattaj	EMBL Director General
Paul Nurse	Chair, EMBL SAC
Pico Caroni	Chair, EMBO Course Committee
Regine Kahmann	Chair, EMBO Young Investigator Committee
Maria Leptin	Chair, EMBO Membership Committee
Daniela Rhodes	Chair, EMBO Fellowship Committee
Roberto Sitia	Chair, EMBO Science & Society Committee
Eric Westhof	Chair, EMBO Publications & Electronic Information Committee



### EMBO committee members & auditors 2006 (year elected)

#### course committee

2006 Yehudit Bergman  
2003 Pico Caroni (*Chair*)  
2004 Miquel Coll  
2005 Dirk Inzé  
2004 Howy Jacobs  
2003 Batsheva Kerem  
2005 Maria Persico  
2005 Anne Ridley  
2005 Philippe Sansonetti  
2005 Detlef Weigel

#### membership committee

2005 Ueli Aebi  
2003 Andrés Aguilera  
2006 Rob Benne  
2006 Brigitte Gicquel  
2005 Carl-Henrik Heldin  
2006 George Kollias  
2004 Andrzej Legocki  
2002 Maria Leptin (*Chair*)  
2005 Antonio Malgaroli  
2005 Veronica van Heyningen

#### science & society committee

2003 Lauri Aaltonen  
2006 Adriano Aguzzi  
2005 Andrea Barta  
2005 Wendy Bickmore  
2004 Dénes Dudits  
2004 Benjamin Geiger  
2003 Matthias Hentze  
2002 Roberto Sitia (*Chair*)  
2005 Claudio Sunkel  
2006 Durdica Ugarkovic

#### auditors (EMBO Members)

Diter von Wettstein  
David J. McConnell

#### internal auditor

Stefan Bäckman

#### external auditors

(Tribunal de Contas, Lisbon, Portugal)

Maria Isabel Cabaço Antunes  
Maria da Luz Pedroso de Faria

#### fellowship committee

2005 Robin Allshire  
2006 Bernd Bukau  
2004 Bauke Dijkstra  
2004 Nicolas Glaichenhaus  
2004 Leszek Kaczmarek  
2005 Jürgen Knoblich  
2003 Angela Krämer  
2004 Wilhelm Krek  
2004 Montserrat Pages  
2004 Anthony Pugsley  
2000 Daniela Rhodes (*Chair*)  
2001 Varda Rotter  
2004 Angela Santoni

#### publications & electronic information committee

2004 Thierry Boon  
2005 Gianni Cesareni  
2003 Ari Helenius  
2003 Dino Moras  
2005 Angela Nieto  
2005 Erich Nigg  
2006 Steve Oliver  
2005 Václav Pačes  
2005 Leena Peltonen  
2003 Eric Westhof (*Chair*)

#### young investigator committee

2005 Michael Bevan  
2005 Thomas Boehm  
2004 Martino Bolognesi  
2003 S. Dusko Ehrlich  
2003 Jiří Forejt  
2005 Elisa Izaurralde  
2002 Regine Kahmann (*Chair*)  
2004 Hans Krokan  
2004 Doron Lancet  
2003 Gines Morata

**council members 2007**

<b>year(s) elected</b>	<b>name</b>	<b>country</b>
2005	Anton Berns (Vice-Chair)	NL – Amsterdam
2003, 2006	Margaret Buckingham	FR – Paris
2005	Roberto di Lauro	IT – Napoli
2002, 2005	Ingrid Grummt	DE – Heidelberg
2007	Ari Helenius	CH – Zürich
2004, 2007	Tim Hunt (Chair)	GB – London
2005	Daniel Louvard	FR – Paris
2002, 2005	Carlos Martínez-A.	ES – Madrid
2006	Marjori Matzke	AT – Vienna
2007	Daniela Rhodes	GB – Cambridge
2006	Benny Shilo	IL – Rehovot
2006	David Shore	CH – Geneva
2004, 2007	Kai Simons	DE – Dresden
2004, 2007	Gunnar von Heijne	SE – Stockholm
2003, 2006	Maciej Żylicz	PL – Warsaw

**ex officio/observers**

Christiane Nüsslein-Volhard	EMBO Secretary General
Isabella Beretta	EMBC Secretary General
Marja Makarow	EMBC President
Frank Gannon	EMBO Executive Director
Hermann Bujard	EMBO Deputy Executive Director
Iain Mattaj	EMBL Director General
Paul Nurse	Chair, EMBL SAC
Pico Caroni	Chair, EMBO Course Committee
Regine Kahmann	Chair, EMBO Young Investigator Committee
Maria Leptin	Chair, EMBO Membership Committee
Anthony Pugsley	Chair, EMBO Fellowship Committee
Roberto Sitia	Chair, EMBO Science & Society Committee
Eric Westhof	Chair, EMBO Publications & Electronic Information Committee

### EMBO committee members & auditors 2007 (as of 1 April 2007)

#### course committee

2006 Yehudit Bergman  
2003 Pico Caroni (*Chair*)  
2004 Miquel Coll  
2007 Isabel Guerrero  
2005 Dirk Inzé  
2004 Howy Jacobs  
2005 Anne Ridley  
2005 Philippe Sansonetti  
2005 Detlef Weigel

#### fellowship committee

2005 Robin Allshire  
2006 Bernd Bukau  
2004 Bauke Dijkstra  
2006 Marco Foiani  
2004 Nicolas Glaichenhaus  
2004 Leszek Kaczmarek  
2007 Roland Kanaar  
2005 Jürgen Knoblich  
2004 Wilhelm Krek  
2004 Montserrat Pages  
2004 Anthony Pugsley (*Chair*)  
2004 Angela Santoni  
2006 Yosef Shiloh  
2006 Irma Thesleff

#### membership committee

2005 Ueli Aebi  
2006 Brigitte Gicquel  
2005 Carl-Henrik Heldin  
2007 Kristian Helin  
2006 George Kollias  
2004 Andrzej Legocki  
2002 Maria Leptin (*Chair*)  
2005 Antonio Malgaroli  
2007 Juan Valcarcel  
2005 Veronica van Heyningen

#### publications & electronic information committee

2007 Ruedi Aebersold  
2004 Thierry Boon  
2005 Gianni Cesareni  
2005 Angela Nieto  
2005 Erich Nigg  
2006 Stephen Oliver  
2005 Václav Pačes  
2005 Leena Peltonen  
2007 Helen Saibil  
2003 Eric Westhof (*Chair*)

#### science & society committee

2006 Adriano Aguzzi  
2005 Andrea Barta  
2005 Wendy Bickmore  
2004 Dénes Dudits  
2007 Helena Edlund  
2004 Benjamin Geiger  
2007 Eric Karsenti  
2002 Roberto Sitia (*Chair*)  
2005 Claudio Sunkel  
2006 Durdica Ugarković

#### young investigator committee

2005 Michael Bevan  
2005 Thomas Boehm  
2004 Martino Bolognesi  
2007 Manuel Espinosa  
2007 Edith Heard  
2005 Elisa Izaurralde  
2002 Regine Kahmann (*Chair*)  
2004 Hans Krokan  
2004 Doron Lancet  
2007 Mehmet Öztürk  
2007 Titia Sixma

#### auditors (EMBO Members)

Diter von Wettstein  
David J. McConnell

#### internal auditors

Brian Hamel  
Monika Niehoff

#### external auditors

(Riksrevisjonen, Oslo, Norway)  
Per Anders Engeseth  
Kari Haugen

**Ruedi Aebersold**



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→ protein networks → protein biomarkers

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→ phagocytosis → tumour immunology  
→ immunotherapy

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→ molecular genetics → aneuploidy  
→ functional genomics

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→ virus evolution

## members elected in 2006

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→ synaptic plasticity → learning & memory  
→ activity-dependent development of the neocortex  
→ visual system → hippocampus → optical methods

**Allan Bradley**



Wellcome Trust Sanger Institute  
Wellcome Trust Genome Campus  
Cambridge, UK

→ embryonic stem (ES) cell technology  
→ mouse models → genome analysis  
→ cancer genetics

**Désiré Collen**



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→ thrombolysis → atherosclerosis  
→ cardiovascular disease → gene therapy

**Gianni Del Sal**



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→ apoptosis → p53–p73

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→ membrane trafficking → cell polarity  
→ cytoskeleton → lipoproteins → metabolism

**Martin Eilers**



Institute for Molecular Biology and  
Tumour Research, Philipps University  
Marburg, Germany

→ transcriptional control of tumorigenesis  
→ Myc

**Jan Ellenberg**



Gene Expression & Cell Biology/Biophysics Units  
European Molecular Biology Laboratory (EMBL)  
Heidelberg, Germany

→ mitosis → meiosis → nuclear (dis)assembly  
→ chromosome condensation → live cell imaging

**Marc Feldmann**



Kennedy Institute of Rheumatology Division  
Faculty of Medicine  
Imperial College London  
London, UK

→ molecular pathogenesis of disease  
→ therapeutic targets → cytokines → immunotherapy  
→ proof of concept or principle clinical trials

**Anne C. Ferguson-Smith**



Department of  
Physiology, Development & Neuroscience  
University of Cambridge  
Cambridge, UK

→ epigenetic mechanisms → genomic imprinting  
→ developmental genetics

**Michael Gait**



Medical Research Council Laboratory of  
Molecular Biology (MRC-LMB)  
Cambridge, UK

→ oligonucleotide → antisense → siRNA  
→ therapeutics → cell delivery → ribozymes  
→ HIV / antivirals

members elected in 2006

<b>Magdalena Götz</b>		Institute of Stem Cell Research National Research Center for Environment and Health (GSF) Neuherberg, Germany	→ stem cell biology → cell fate decisions → patterning → cell proliferation → neural regeneration
<b>Gillian Griffiths</b>		Sir William Dunn School of Pathology University of Oxford Oxford, UK	→ membrane trafficking → cell polarity → secretory lysosomes → genetic diseases affecting polarised secretion from cytotoxic T lymphocytes → immunological synapse
<b>Carlos Ibáñez</b>		Department of Neuroscience Karolinska Institute Stockholm, Sweden	→ neuronal growth factors & receptors → signal transduction → nervous system development → neuronal cell biology
<b>Alain Jacquier</b>		Macromolecular Interaction Genetics Unit Pasteur Institute Paris, France	→ RNA metabolism / RNA maturation & degradation → ribosome biogenesis / yeast genetics
<b>Olli Kallioniemi</b>		Medical Biotechnology VTT Technical Research Centre of Finland & University of Turku Turku, Finland	→ breast cancer → prostate cancer → genetics → functional genomics → RNA interference → high-throughput screening

**Christian Klämbt**



Institute of Neuro and Behavioural Biology  
University of Muenster  
Muenster, Germany

→ Drosophila → glia → neuron–glia interaction  
→ blood brain barrier

**Eva Kondorosi**



Plant Science Institute  
CNRS - UPR 2355  
Gif-sur-Yvette, France

→ rhizobium–legume symbiosis  
→ root nodule organogenesis → cell cycle  
→ endoreduplication → anaphase-promoting complex  
→ plant peptides

**Ulf Landegren**



Department of Genetics  
& Pathology/Molecular Medicine  
The Rudbeck Laboratory  
Uppsala, Sweden

→ development of tools for molecular analyses  
→ single molecule detection  
→ rolling-circle amplification → proximity ligation

**Krzysztof Liberek**



Department of Molecular and Cellular Biology  
Intercollegiate Faculty of Biotechnology  
University of Gdansk  
Gdansk, Poland

→ molecular chaperones → protein folding  
& (dis-) aggregation → heat shock proteins  
→ heat shock response

**Isabelle Mansuy**



Brain Research Institute  
University of Zurich  
Zurich, Switzerland

→ protein phosphatases → learning → memory  
→ molecular cognition → behaviour  
→ synaptic plasticity → epigenetic mechanisms



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<b>Patrick Mehlen</b>		Apoptosis, Cancer and Development Laboratory Léon Bérard Multidisciplinary Center Lyon, France	→ dependence receptor → apoptosis → cancer → neuronal navigation → tumour suppressor gene
<b>Bénédicte Michel</b>		Centre of Molecular Genetics (CNRS-CGM) Gif-sur-Yvette, France	→ DNA replication & recombination → processing of arrested replication forks in <i>E. coli</i>
<b>Anthony P. Monaco</b>		Wellcome Trust Centre for Human Genetics University of Oxford Oxford, UK	→ human genetics → functional genomics → neurodevelopmental disorders → autism → specific language impairment → dyslexia
<b>Salvador Moncada</b>		The Wolfson Institute for Biomedical Research University College London London, UK	→ vascular disease → inflammation → bioenergetics → nitric oxide → mitochondria → eicosanoids
<b>Jacques Neefjes</b>		Division of Tumour Biology Netherlands Cancer Institute (NKI) Amsterdam, The Netherlands	→ antigen presentation → MHC class I molecules → MHC class II molecules → protein degradation → endosomal transport → motor proteins → histones → <i>Salmonella</i> → proteasome → ubiquitin → peptidases → multivesicular body formation → HLA-DM, TAP, HLA-DO → Rab GTPases → dynein motor

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**Poul Nissen**



Dept. of Molecular Biology  
University of Aarhus  
Aarhus, Denmark

→ protein crystallography → ribosome → RACK 1  
→ translation control → membrane protein  
→ P-type ATPase → sortilin → serotonin transporter

**Valerio Orlando**



Dulbecco Telethon Institute  
Institute of Genetics and Biophysics  
"Adriano Buzzati Traverso" (CNR)  
Naples, Italy

→ epigenetics → chromatin → transcription  
→ gene silencing → cell identity → cell reprogramming

**Francesc Posas**



Cell Signalling Unit  
Department of Experimental and Health Science  
Pompeu Fabra University  
Barcelona, Spain

→ signal transduction → stress-activated MAP kinases  
→ Hog1 → osmotic stress responses  
→ gene expression

**Peter J. Ratcliffe**



The Henry Wellcome Building for  
Molecular Physiology  
University of Oxford  
Oxford, UK

→ oxygen sensing → hypoxia signalling  
→ angiogenesis → regulation of HIF by  
prolyl hydroxylases  
→ von Hippel-Lindau tumour suppressor (VHL)

**Caetano Reis E Sousa**



Immunology Laboratory  
Cancer Research UK  
London Research Institute  
London, UK

→ innate immunity → dendritic cells → T cells

members elected in 2006

**Artur Scherf**



Biology of Host-Parasite Interactions Unit  
Pasteur Institute  
Paris, France

→ molecular parasitology → malaria  
→ antigenic variation → telomere biology  
→ epigenetic regulation

**Manfred Schliwa**



Adolf Butenandt Institute  
Chair of Cell Biology  
University of Munich  
Munich, Germany

→ molecular motors → kinesin → cytoskeleton  
→ cell movement → organelle transport

**Paul Schulze-Lefert**



Max Planck Institute for Plant Breeding Research  
Department of Molecular Phytopathology  
Cologne, Germany

→ plant immune system / fungal pathogenesis /  
→ plant chemical genetics / plant genomes

**Murray Stewart**



Medical Research Council  
Laboratory of Molecular Biology (MRC-LMB)  
Cambridge, UK

→ nuclear trafficking → cell motility  
→ structural biology

**Frank Uhlmann**



Chromosome Segregation Laboratory  
Cancer Research UK  
London Research Institute  
London, UK

→ cell cycle / mitosis → chromosome structure  
& segregation → SMC protein complexes

**Jean-Paul Vincent**



Division of Developmental Neurobiology  
National Institute for Medical Research (NIMR)  
London, UK

→ trafficking → wingless, Wnt → Drosophila  
→ epithelial integrity → embryonic boundaries

**Michael Way**



Cell Motility Laboratory  
Cancer Research UK  
London, UK

→ cytoskeletal dynamics → signalling → actin  
→ cell motility → microtubule-based transport  
→ virus → pathogen

**Andrew Wilkie**



The Weatherall Institute of  
Molecular Medicine (WIMM)  
University of Oxford, John Radcliffe Hospital  
Oxford, UK

→ genetics & developmental pathology of  
craniofacial & limb malformations  
→ Apert syndrome → mutations arising during  
spermatogenesis → FGF receptors

**Rolf Zeller**



Developmental Genetics  
DKBW Centre for Biomedicine  
University of Basel  
Basel, Switzerland

→ embryonic signalling → limb development →  
→ kidney organogenesis → mouse molecular genetics  
→ signal antagonists

members elected in 2006

**Joanne Chory**

*(associate member)*



Plant Biology Laboratory, HHMI  
The Salk Institute for Biological Studies  
La Jolla, USA

→ signal transduction → photoreceptors  
→ chloroplasts → brassinosteroids → development

**Ronald M. Evans**

*(associate member)*



Gene Expression Laboratory  
Salk Institute for Biological Studies  
Howard Hughes Medical Institute  
La Jolla, USA

→ nuclear hormone receptors → metabolic disease  
→ transcriptional control → steroid hormones  
→ molecular medicine → chromatin

**Lee Hood**

*(associate member)*



Institute for Systems Biology  
Seattle, USA

→ systems biology of disease, model organisms, and  
immunity

**Bruce M. Spiegelman**

*(associate member)*



Dana Farber Cancer Institute and  
Harvard Medical School (HMS)  
Boston, USA

→ adipogenesis → transcriptional regulation of cellular  
metabolism & energy homeostasis → PPAR-gamma  
→ PGC-1 transcriptional coactivators

**Huanming Yang**

*(associate member)*



Beijing Genomics Institute  
Chinese Academy of Sciences  
Beijing, China

→ human genomics → genomics of other species

**The EMBO Journal and EMBO reports**

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|   |  | <b>S</b> Helen R. Saibil  |

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George Church  
Leroy Hood  
Edison Liu

## EMBO | long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Austria</b>	<b>Gruber,</b> Stephan	Austrian	ICMB, Newcastle, UK	IMP, Vienna, Austria	Molecular basis for chromosome organisation and condensation in <i>Bacillus subtilis</i>
	<b>Hampoelz,</b> Bernhard	Austrian	IBDM, Marseille, France	IBDM, Marseille, France	Cytoplasmic and nuclear determinants of nuclear morphogenesis during <i>Drosophila</i> embryogenesis
	<b>Hutterer,</b> Andrea	Austrian	Gurdon Institute, Cambridge, UK	IMP, Vienna, Austria	Control of cytokinesis by centralspindlin
<b>Belgium</b>	<b>Close,</b> Pierre	Belgian	CRU-CHL, South Mimms, UK	The University of Liege, Laboratory of Medical Chemistry, Liege, Belgium	Purification of mRNP molecules and characterisation of their content and function in transcription elongation
	<b>De Genst,</b> Erwin	Belgian	University of Cambridge, Dept. of Chemistry, Cambridge, UK	University of Cambridge, Dept. of Chemistry, Cambridge, UK	Characterisation of the structures of the early oligomeric aggregates on the amyloidogenic pathway of lysozyme
	<b>De Smet,</b> Ive	Belgian	ZMBP, Tuebingen, Germany	VIB, Gent, Belgium	Asymmetric cell division of <i>Arabidopsis</i> zygote
	<b>Doumont,</b> Gilles Charles Albert	Belgian	NKI-AVL, Amsterdam, The Netherlands	NKI-AVL, Amsterdam, The Netherlands	Identification of genes regulating tumour invasion and metastasis induced by E-cadherin loss in a conditional mouse model for ILC
	<b>Dufour,</b> Audrey	Belgian	WNC-LU, Lund, Sweden	IRIBHM, Brussels, Belgium	Identification and characterisation of neural progenitors for transplantation in Parkinson's Disease
	<b>Leyssen,</b> Maarten	Belgian	IMP, Vienna, Austria	VIB, Leuven, Belgium	The neural basis of olfactory controlled sexual behaviour in <i>Drosophila</i>
	<b>Vanstraelen,</b> Marleen	Belgian	ISV, Gif-sur-Yvette, France	ISV, Gif-sur-Yvette, France	Exploring APC-mediated degradation in auxin signalling during plant development
	<b>Wittamer,</b> Valerie	Belgian	UCSD, San Diego, USA	IRIBHM, Brussels, Belgium	Isolation and functional characterisation of hematopoietic stem cells in zebrafish
<b>Croatia</b>	<b>Ahel,</b> Dragana	Croatian	CRU-CHL, South Mimms, UK	CRU-CHL, South Mimms, UK	Identification of CtIP associated proteins in <i>C. elegans</i> and human cells
	<b>Milosevic,</b> Ira	Croatian	Yale University School of Medicine, New Haven, USA	MPI for Biophysical Chemistry, Goettingen, Germany	The role of dynamin in endocytosis in chromaffin cells
<b>Czech Republic</b>	<b>Berger,</b> Zdenek	Czech	Mayo Clinic, Jacksonville, USA	Mayo Clinic, Jacksonville, USA	Identification of the toxic species of tau

→ Please see **pages 146–149** for a complete list of all organisations and their corresponding acronyms.



## long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Czech Republic</b> (cont.)	<b>Cejka,</b> Petr	Czech	UC Davis, CBS-CGD, Davis, USA	IMCR, Zurich, Switzerland	Biochemical characterisation of Sgs1 helicase
	<b>Jinek,</b> Martin	Czech	UCB, Berkeley, USA	EMBL, Heidelberg, Germany	Mechanistic and structural studies of microRNA-mediated translational repression
	<b>Liebl,</b> David	Czech	EMBL, Heidelberg, Germany	Charles University, Faculty of Sciences, Prague, Czech Republic	The dynamics and structure of actin in phagosome-lysosome fusion
	<b>Strisovsky,</b> Kvido	Czech	MRC-LMB, Cambridge, UK	MRC-LMB, Cambridge, UK	Bacterial rhomboids: physiological functions and proteolytic mechanisms
<b>Denmark</b>	<b>Groth,</b> Anja	Danish	Curie Institute, Paris, France	Curie Institute, Paris, France	Histone availability – implications for DNA replication and genome integrity
	<b>Lorentzen,</b> Esben	Danish	Birkbeck College, University of London, UK	EMBL, Heidelberg, Germany	EM structures of activated exosome complexes
	<b>Nielsen,</b> Michael Lund	Danish	MPI for Biochemistry, Martinsried, Germany	LBMMS, Uppsala, Sweden	Development of a novel quantitative approach for large-scale identification of modifications involved in signal transduction using SILAC labelling and high-accuracy mass spectrometry
	<b>Ringkjøbing Jensen,</b> Malene	Danish	IBS, Grenoble, France	University of Copenhagen, Denmark	Characterisation of intrinsically unfolded proteins using liquid crystal NMR
<b>Finland</b>	<b>Huiskonen,</b> Juha	Finnish	MPI for Biochemistry, Martinsried, Germany	UHIB, Helsinki, Finland	Virus–host cell interactions studied using electron cryo-tomography
	<b>Rämö,</b> Pauli	Finnish	IMSB-ETH, Zurich, Switzerland	Institute of Signal Processing, Tampere, Finland	Systems approach to examine virus entry via endocytic pathways
<b>France</b>	<b>Amoyel,</b> Marc	French	Columbia University, College of Physicians & Surgeons, New York, USA	NIMR, London, UK	Insulation against cell competition by compartment boundaries
	<b>Bär,</b> Séverine	French	DKFZ, Heidelberg, Germany	DKFZ, Heidelberg, Germany	Development of novel oncotoxins on the base of parvovirus-induced modifications of actin dynamics in human glioblastoma
	<b>Baret,</b> Jean-Christophe	French	ISIS-ULP, Strasbourg, France	ISIS-ULP, Strasbourg, France	Quantifying evolution using microfluidics
	<b>Behnia,</b> Roudabeh	French	NYU-CDG, New York, USA	MRC-LMB, Cambridge, UK	Building a functional map of the <i>Drosophila</i> colour vision system

EMBO | long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
France (cont.)	<b>Bischoff,</b> Vincent	French	Biozentrum, University of Basel, Switzerland	IBMC, Strasbourg, France	Identification of the Galectin-1 receptor and of the pathways causing the death of neuronal processes
	<b>Blanchet,</b> Fabien	French	UG-FM, Geneva, Switzerland	Pasteur Institute, Paris, France	Dendritic cell-mediated HIV-1 transmission: characterisation and function of dendritic cell–T lymphocyte infectious synapse
	<b>Bobard,</b> Alexandre	French	ETH, Zurich, Switzerland	ETH, Zurich, Switzerland	Role of miR-375 in pancreatic $\beta$ -cell function
	<b>Chicha,</b> Laurie	French	UG-FM, Geneva, Switzerland	MSSM, New York, USA	Tissue-engineered cardiac grafts: optimisation of human embryonic stem cell-derived cardiac and tolerogenic dendritic cells for heart repair
	<b>Colombo-Maurat,</b> Kelly	French	Curie Institute, Paris, France	Curie Institute, Paris, France	Phosphorylation of huntingtin by cyclin- dependent kinases
	<b>Crabbe,</b> Laure	French	CNRS-IGH, Montpellier, France	SIBS-HHMI, La Jolla, USA	DNA replication and sister chromatid cohesion establishment
	<b>Eric,</b> Röttinger	French	KML-PBRC, Honolulu, USA	CNRS UMR7009, Villefranche-sur-Mer, France	The origins of biomineralisation in metazoans
	<b>Fichelson,</b> Pierre	French	MRC-ADB, London, United Kingdom	IJM, Paris, France	Functional dissection of orthodenticle in the <i>Drosophila</i> eye, a model to understand human cone-rod dystrophy and Leber congenital amaurosis
	<b>Germe,</b> Thomas	French	CRU-TBL, London, UK	CRU-TBL, London, UK	Understanding a replication-associated injury at <i>Schizosaccharomyces pombe</i> telomeres
	<b>Gervais,</b> Louis	French	IRB, Barcelona, Spain	IJM, Paris, France	Cytoskeleton organisation and cell shape remodelling during the terminal branching formation of the <i>Drosophila</i> tracheal system
	<b>Goardon,</b> Nicolas	French	WIMM, Headington, UK	WIMM, Headington, UK	Characterisation of the haemopoietic defects and molecular mechanisms involved in myelodysplasias
	<b>Goyenvalle,</b> Aurélie	French	MRC-FGU, Oxford, UK	Genethon, Evry, France	Upgrading U7snRNA to complete efficient rescue of dystrophin by exon-skipping in DMD patients
	<b>Graciet,</b> Emmanuelle	French	TCD, Dublin, Ireland	California Institute of Technology, Pasadena, USA	Genomic analysis of organ identity gene function during <i>Arabidopsis</i> flower development
	<b>Grimaud,</b> Charlotte	French	ABI, Munich, Germany	CNRS-IGH, Montpellier, France	Dissection of dosage compensation targetting principles using a model gene approach in <i>Drosophila</i>

## long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>France</b> (cont.)	<b>Gros,</b> Jerome	French	HMS, Boston, USA	IBDM, Marseille, France	Identification of the molecular mechanisms regulating left/right asymmetric morphogenesis
	<b>Hiriart,</b> Edwige	French	MRC-LMB, Cambridge, UK	MRC-LMB, Cambridge, UK	Role of the <i>Drosophila</i> HMGD and HMGZ proteins in chromatin remodelling
	<b>Huet,</b> Sebastien	French	EMBL, Heidelberg, Germany	IBPC, Paris, France	Probing the physical basis of heterochromatin in live cells
	<b>Kerjan,</b> Geraldine	French	UCSD, San Diego, USA	UPMC, Paris, France	Neuronal migration and nuclear-centrosomal coupling regulation by the doublecortin family
	<b>Malki,</b> Safia	French	Carnegie Institution of Washington, Baltimore, USA	CNRS-IGH, Montpellier, France	Epigenetic regulation of the developmental pluripotency-associated mouse Maelstrom gene
	<b>Nacerddine,</b> Karim	French	NKI-AVL, Amsterdam, The Netherlands	NKI-AVL, Amsterdam, The Netherlands	Cancer stem cells and breast cancer: a polycomb connection?
	<b>Navarro,</b> Christel	French	Kings College London, University of London, UK	Kings College London, University of London, UK	Lamellipodin and directed cell migration
	<b>Pardo,</b> Benjamin	French	CABIMER, Sevilla, Spain	CEA, Fontenay aux Roses, France	Characterisation of DNA double-strand break repair by sister-chromatid recombination that occurs during the chromosome replication
	<b>Pelissier,</b> Anne	French	University of Cambridge, UK	IBDM, Marseille, France	Regulation of neural stem cell division by myosins
	<b>Peschard,</b> Pascal	French	CRU-LIFL, London, UK	McGill University, Montreal, Canada	Genetic analysis of the Ral signalling pathways and their role in Ras-mediated carcinogenesis
	<b>Pinaud,</b> Fabien	French	ENS (Kastler Brossel Laboratory), Paris, France	UCLA, Los Angeles, USA	Asymmetric cell division imaging with quantum dots
	<b>Poirot,</b> Olivier	French	University College of London, UK	UNIL, Lausanne, Switzerland	The functions of the acid-sensing ion channel 4 (ASIC4)
	<b>Polo,</b> Sophie	French	Gurdon Institute, Cambridge, UK	Curie Institute, Paris, France	Analysis of the DNA double-strand break response in a chromatin context
	<b>Roche,</b> Stephane	French	MPI for Biochemistry, Martinsried, Germany	LVMS, Gif-sur-Yvette, France	Functionnal and structural characterisation of the Ski complex
	<b>Roncagalli,</b> Romain	French	CIML, Marseille, France	CIHR-IRCM, Montreal, Canada	Novel functions for an old adaptor: LAT in T cells
	<b>Roux,</b> Isabelle	French	Johns Hopkins School of Medicine, Baltimore, USA	Pasteur Institute, Paris, France	Glutamate receptors physiology at the inner hair cell afferent synapse

## EMBO | long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>France</b> (cont.)	<b>Saltel,</b> Frederic	French	CMU, Geneva, Switzerland	CMU, Geneva, Switzerland	Regulation of cell adhesion by soluble ligand induced alpha-v-beta-3 integrin internalisation
	<b>Silvie,</b> Olivier	French	University of Heidelberg, School of Medicine, Heidelberg, Germany	IBCMIP (INSERM U511), Paris, France	Malaria liver stages: characterisation of essential genes for novel intervention strategies
	<b>Sollier,</b> Julie	French	IFOM, Milan, Italy	IFOM, Milan, Italy	Characterisation of replication-related X-shaped intermediates and their link with sister chromatid cohesion
	<b>Suspene,</b> Rodolphe	French	The University of the Saarland, Saarbrücken, Germany	Pasteur Institute, Paris, France	Stoichiometry of HIV infection / quantitating HIV/SIV from reverse transcription to integration <i>in vivo</i>
	<b>Umlauf,</b> David	French	The Babraham Institute, Cambridge, UK	The Babraham Institute, Cambridge, UK	Mechanisms involved in the formation of transcription factories in mammals.
	<b>Zalejski,</b> Christine	French	Plant Molecular Sciences Laboratory, Egham, UK	LPCMP, Ivry-sur-Seine, France	Phosphatidic acid regulation of PDK1 and its role in plant pathogenesis
<b>Germany</b>	<b>Aiao,</b> John	German	Göteborg University, Dept. of Molecular Biology, Göteborg, Sweden	Göteborg University, Dept. of Molecular Biology, Göteborg, Sweden	Dissecting the role of HDAC inhibition in suppressing the UV sensitivity of <i>Schizosaccharomyces pombe</i> DNA damage checkpoint mutants
	<b>Bäurle,</b> Isabel	German	John Innes Centre, Norwich, UK	John Innes Centre, Norwich, UK	A general role for FCA and FPA in small RNA (sRNA)-mediated systemic gene silencing
	<b>Beck,</b> Martin	German	ETH, Zurich, Switzerland	MPI for Biochemistry, Martinsried, Germany	A combined cryo-electron microscopy and mass spectrometry approach for the structural and functional characterisation of the URI complex
	<b>Betschinger,</b> Joerg	German	ISCB, Cambridge, UK	IMBA, Vienna, Austria	Molecular mechanisms regulating differentiation of neural stem cells
	<b>Brankatschk,</b> Marko	German	MPI-CBG, Dresden, Germany	MPI-CBG, Dresden, Germany	The biological relevance of lipoproteins for the development of the nervous system
	<b>Brennecke,</b> Julius	German	CSHL, Cold Spring Harbor, USA	CSHL, Cold Spring Harbor, USA	Characterisation of a novel small RNA pathway in the <i>Drosophila</i> germline
	<b>Deinhardt,</b> Katrin	German	SIBM, New York, USA	CRU-LIFL, London, UK	Molecular analysis of BDNF-TrkB signalling and turnover BDNF, TrkB, ubiquitination, Hrs, hippocampal neurons
	<b>Dengjel,</b> Joern	German	USD - DBMB, Odense, Denmark	USD - DBMB, Odense, Denmark	Systemic elucidation of signalling events in human endothelial cells
<b>Frickel,</b> Eva-Maria	German	WIBR, Cambridge, USA	ETH-IBC, Zurich, Switzerland	The role of lipid raft components and tetraspanin-enriched microdomains in recognition of phagosomal content	

## long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
Germany (cont.)	<b>Haegerbarth,</b> Andrea	German	NIOB, Utrecht, The Netherlands	NIOB, Utrecht, The Netherlands	<i>In vivo</i> validation of Wnt cascade interruption as a treatment for intestinal neoplasia
	<b>Horn,</b> Carsten	German	Stanford University, Stanford, USA	EMBL, Heidelberg, Germany	Site-directed DNA transposon targeting strategies to advance human gene therapy
	<b>Hublitz,</b> Philip	German	FMI, Basel, Switzerland	FMI, Basel, Switzerland	Dissecting the <i>in vivo</i> significance of histone H4K20 monomethylation
	<b>Jimena,</b> Weibezahn	German	UCSF, San Francisco, USA	UCSF, San Francisco, USA	Reconstitution of ER associated protein degradation: dissecting the functional impact of the Doa10 E3 ligase
	<b>Jusuf,</b> Patricia	German	University of Cambridge, UK	University of Melbourne, Australia	Molecular control of neural development in the zebrafish retina
	<b>Martens,</b> Sascha	German	MRC-LMB, Cambridge, UK	IGUC-DCG, Cologne, Germany	On the potential role of membrane curvature during vesicle exocytosis
	<b>Mendjan,</b> Sascha	German	CIMR-CSCP, Cambridge, UK	EMBL, Heidelberg, Germany	Identification of key epigenetic factors required for pluripotency in human embryonic stem cells (hESCs)
	<b>Müller,</b> Ann-Kristin	German	London School of Hygiene and Tropical Medicine, London, UK	University of Heidelberg, School of Medicine, Heidelberg, Germany	Deciphering the antigenic specificity and immune effector mechanisms induced by genetically attenuated <i>Plasmodium</i> sporozoites
	<b>Norden,</b> Caren	German	University of Cambridge, Dept. of Anatomy, Cambridge, UK	ETH-IBC, Zurich, Switzerland	Towards a molecular understanding of the mechanisms of interkinetic nuclear migration in the retinal neuroepithelium of the zebrafish embryo
	<b>Ökten,</b> Zeynep	German	ABI, Munich, Germany	ABI, Munich, Germany	Elucidation of the basic working mechanism of heteromeric kinesins via single molecule optical trapping and single fluorophore localisation
	<b>Pfander,</b> Boris	German	CRU-CHL, South Mimms, UK	CRU-CHL, South Mimms, UK	Characterisation of molecular events during replication origin activation
	<b>Rink,</b> Jochen	German	University of Utah School of Medicine, Salt Lake City, USA	MPI-CBG, Dresden, Germany	Tissue polarity factors in planarian regeneration
	<b>Schäfer,</b> Matthias	German	ETH, Zurich, Switzerland	ETH, Zurich, Switzerland	Roles and mechanisms of action of Nrf transcription factors in skin morphogenesis, wound repair and skin cancer
<b>Schmidt,</b> Ute	German	CNRS-IGH, Montpellier, France	DKFZ, Heidelberg, Germany	Real time measurements of splicing and probing predicted spliceosome assembly models in living cells	

## EMBO | long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Germany</b> (cont.)	<b>Schnupf,</b> Pamela	German	Pasteur Institute, Paris, France	UCB, Berkeley, USA	Subversion of the host cell by <i>Shigella flexneri</i> : the role of the type III secretion substrates OspB and OspC1
	<b>Schuwirth,</b> Barbara	German	CRU-CHL, South Mimms, UK	CRU-CHL, South Mimms, UK	Structural and biochemical basis for the interaction of the origin recognition complex I with origin DNA in the archaeon <i>Aeropyrum pernix</i>
	<b>Schwamborn,</b> Jens	German	IMBA, Vienna, Austria	WWU, Muenster, Germany	Characterisation of new factors that determine neuronal fate in stem cells - from asymmetric cell division to fate specification
	<b>Standfuss,</b> Jörg	German	MRC-LMB, Cambridge, UK	MRC-LMB, Cambridge, UK	Crystallisation of active rhodopsin bound to its effector arrestin
	<b>Steffen,</b> Anika	German	Curie Institute, Paris, France	Curie Institute, Paris, France	Analysis of MT1-MMP delivery to cellular sites of invasion
	<b>Tischer,</b> Christian	German	AMOLF, Amsterdam, The Netherlands	AMOLF, Amsterdam, The Netherlands	Theoretical and experimental investigations on the microtubule-mediated formation of intracellular protein patterns
	<b>Trautmann,</b> Susanne	German	ETH-IBC, Zurich, Switzerland	ETH-IBC, Zurich, Switzerland	The function of the ubiquitin-related modifier (URM)1: analysis of its role in asymmetric cell division
	<b>Urich,</b> Tim	German	Institute of Microbiology, Bergen, Norway	IMG, Darmstadt, Germany	Exploring the diversity and physiology of uncultured hyperthermophilic Archaea by functional metagenomics and cultivation
	<b>Vogeley,</b> Lutz	German	ETH-IMB, Zurich, Switzerland	University of California, Irvine, USA	Crystallographic studies of the complex between the prokaryotic ribosome and the SecYEG translocon
<b>Wurdak,</b> Heiko	German	TSRI, La Jolla, USA	ETH, Zurich, Switzerland	Small chemical compounds regulating the fate of somatic and tumour stem cells of the central nervous system	
<b>Greece</b>	<b>Boulias,</b> Konstantinos	Greek	MIT, Cambridge, USA	MIT, Cambridge, USA	Analysis of the role of microRNAs in the control of <i>C. elegans</i> aging
	<b>Gkika,</b> Dimitra	Greek	INSERM EMI-Q228, Lille, France	UMC St Radboud, Nijmegen, The Netherlands	Molecular insight into the role of TRPM8 plasma membrane localisation during prostate cancer development
	<b>Mourikis,</b> Philippos	Greek	Pasteur Institute, Paris, France	Pasteur Institute, Paris, France	Investigation of lineage relationships and maintenance mechanisms of skeletal muscle stem cells in the mouse embryo
	<b>Mylyona,</b> Anastasia	Greek	CRU-LIFL, London, UK	CRU-LIFL, London, UK	Structural and functional studies of the SRF transcriptional co-activator MRTF and TCF protein families

## long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Hungary</b>	<b>Bugyi,</b> Beata	Hungarian	CNRS-LEBS, Gif-sur-Yvette, France	University of Pecs, Faculty of Medicine, Pecs, Hungary	Molecular basis for the co-ordinated dynamics of distinct actin networks in cell migration
	<b>Oláh,</b> Julianna	Hungarian	The University of Bristol, UK	BUTE, Budapest, Hungary	QM/MM modelling of human cytochrome P450 isoforms
	<b>Oszt,</b> Judit	Hungarian	IGBMC, Illkirch, France	Biological Research Center, Szeged, Hungary	Purification of full-length co-regulators and structure-function analysis of the complexes these co-regulators form with nuclear receptors
	<b>Toth,</b> Judit	Hungarian	MTA, Institute of Enzymology, Budapest, Hungary	Eotvos University, Budapest, Hungary	Human dUTPase: co-operativity and physiological function
<b>Ireland</b>	<b>Collins,</b> Tony	Irish	ITQB, Oeiras, Portugal	The University of Liege, Laboratory of Biochemistry, Liege, Belgium	Psychrophiles and psychrophilic enzymes for the study of compatible solutes and their mechanism of action: the role of protein dynamics
	<b>O'Donovan,</b> Peter	Irish	Dana-Farber Cancer Institute, Boston, USA	CRU-CHL, South Mimms, UK	Effects of chromatin state on DNA double strand break formation and repair in mammalian cells
<b>Israel</b>	<b>Arbely,</b> Eyal	Israeli	University of Cambridge, Dept. of Chemistry, Cambridge, UK	The Hebrew University, Dept. of Biological Chemistry, Jerusalem, Israel	Time-resolved isotope-edited IR spectroscopy of proteins: protein folding at atomic resolution
	<b>Arnon,</b> Tal	Israeli	California Institute of Technology, Pasadena, USA	The Hebrew University, Hadassah Medical School, Jerusalem, Israel	Structure and function of the NKp30 killer receptor
	<b>Asher,</b> Gad	Israeli	University of Geneva, Dept. of Molecular Biology, Geneva, Switzerland	The Weizmann Institute of Science, Rehovot, Israel	Molecular and functional analysis of the role of NAD / NADH in mammalian circadian clock
	<b>Freilich,</b> Shiri	Israeli	CERTH, Thessaloniki, Greece	EMBL and Cambridge University, Cambridge, UK	From cellular genome to meta-genome: development of computational methods to study community genome
	<b>Ganor,</b> Yonatan	Israeli	ICGM, Paris, France	The Weizmann Institute of Science, Rehovot, Israel	Establishing novel <i>in vitro</i> models of the mucosal-epithelial barrier to investigate how HIV penetrates the epithelium and the role of mucosal antibodies as protection against mucosal HIV infection
	<b>Hanna,</b> Jacob	Israeli	WIBR, Cambridge, USA	LCGTI, Jerusalem, Israel	Large-scale deciphering of functional pluripotency circuits in embryonic stem cells

## EMBO | long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Israel</b> (cont.)	<b>Hershberg,</b> Ruth	Israeli	Stanford University, Dept. of Biological Sciences, Stanford, USA	The Hebrew University, Molecular Genetics and Biotechnology, Jerusalem, Israel	Adaptive evolution of transcription regulation in trans and in cis – a systems biology approach
	<b>Reches,</b> Meital	Israeli	Harvard University, Cambridge, USA	Tel Aviv University, Tel Aviv, Israel	Patterning mammalian cells using soft lithography techniques
	<b>Sigal,</b> Alex	Israeli	California Institute of Technology, Pasadena, USA	The Weizmann Institute of Science, Rehovot, Israel	Systems level analysis of individual cell death dynamics after HIV infection and TNF treatment
	<b>Zaslaver,</b> Alon	Israeli	California Institute of Technology, Pasadena, USA	The Weizmann Institute of Science, Rehovot, Israel	Design principles in the structure and function of the <i>C. elegans</i> neural network
<b>Italy</b>	<b>Calloni,</b> Giulia	Italian	MPI for Biochemistry, Martinsried, Germany	MPI for Biochemistry, Martinsried, Germany	Identification of authentic substrate proteins of the bacterial and archaeal DnaK chaperone system
	<b>Cappello,</b> Silvia	Italian	Rockefeller University, Laboratory for Developmental Neurogenetics, New York, USA	GSF, Neuherberg, Germany	The role of Rap1 in glial development and function
	<b>Daidone,</b> Isabella	Italian	IWR, Heidelberg, Germany	IWR, Heidelberg, Germany	Folding of dye-labeled polypeptides: a computational study
	<b>Delogu,</b> Alessio	Italian	MRC-CDN, London, UK	LBI-CR, Vienna, Austria	The zona limitans intrathalamica as an organiser of diencephalic development
	<b>Mazzone,</b> Massimiliano	Italian	VIB, Leuven, Belgium	IRCC, Torino, Italy	Anti-PLGF antibody to inhibit tumour and ocular angiogenesis
	<b>Morlando,</b> Mariangela	Italian	SWDSP, Oxford, UK	Institute of Physiology, Rome, Italy	Novel mechanisms of non-coding RNA biosynthesis and function in mammalian cells
	<b>Portoso,</b> Manuela	Italian	CNRS-IGH, Montpellier, France	CNRS-IGH, Montpellier, France	Dissecting the role of RNAi components in Polycomb mediated silencing and long- distance PRE interactions
	<b>Screpanti,</b> Emanuela	Italian	European Institute of Oncology, Milan, Italy	MPI of Biophysics, Frankfurt, Germany	Molecular probing of kinetochore assembly
<b>Vannini,</b> Alessandro	Italian	LMU, Munich, Germany	LMU, Munich, Germany	Structural studies of yeast RNA polymerase III	
<b>The Netherlands</b>	<b>Granneman,</b> Sander	Dutch	WTCCB, Edinburgh, UK	Yale University School of Medicine, New Haven, USA	A focus on degradation of ribosomal RNAs by the TRAMP/exosome RNA surveillance machinery



## long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>The Netherlands</b> (cont.)	<b>Heessen,</b> Stijn	Dutch	NKI-AVL, Amsterdam, The Netherlands	LICR, Stockholm, SE	Transcriptional regulation by the inner nuclear envelope in yeast and vertebrate cells
	<b>Kleizen,</b> Bertrand	Dutch	UCB, Berkeley, USA	UCB, Berkeley, USA	Folding and COPII-dependent export of amyloid precursor protein and presenilins
	<b>Kooij,</b> Taco W.A.	Dutch	University of Heidelberg, Germany	University of Oxford, UK	Functional analysis of an apicomplexan-specific kinase family
	<b>Samish,</b> ilan	Dutch	University of Pennsylvania, Philadelphia, USA	University of Pennsylvania, Philadelphia, USA	New approach to understanding cancer: design of peptides that block integrin oligomerisation – an integrated theoretical and experimental approach
	<b>Ullers,</b> Ronald	Dutch	CMU, Geneva, Switzerland	CMU, Geneva, Switzerland	Interplay among chaperones in bacteria: combined genetic and biochemical analyses of protein folding pathways
	<b>van Haften,</b> Gijs	Dutch	WTSI, Hinxton, UK	NIOB, Utrecht, The Netherlands	Global transcription-factor binding sites of mutant p53
	<b>van Vugt,</b> Marcel	Dutch	MIT, Cambridge, USA	UMC-DEO, Utrecht, The Netherlands	A proteomics approach of the DNA damage checkpoint
	<b>Vastenhouw,</b> Nadine	Dutch	Harvard University, Cambridge, USA	NIOB, Utrecht, The Netherlands	Robustness of nodal signalling
<b>Vlot,</b> Corina	Dutch	MPI-PBR, Cologne, Germany	BTI, Ithaca, USA	Mobility of signals in plant resistance to disease	
<b>Poland</b>	<b>Paciorek,</b> Tomasz	Polish	Stanford University, Stanford, USA	ZMBP, Tuebingen, Germany	Molecular and functional characterisation of a new positive regulator of stomata development in <i>Arabidopsis thaliana</i>
	<b>Proszynski,</b> Tomasz	Polish	Harvard University, Cambridge, USA	MPI-CBG, Dresden, Germany	The RNAi-mediated screen for regulators of postsynaptic specialisation
	<b>Religa,</b> Tomasz	Polish	University of Toronto, Canada	MRC Centre for Protein Engineering, Cambridge, UK	Dynamics of the 20S proteasome in context of its function
	<b>Rogowski,</b> Krzysztof	Polish	CNRS-CRBM, Montpellier, France	CNRS-CRBM, Montpellier, France	Identification and functional analysis of tubulin polyglycyclase
	<b>Skowronska-Krawczyk,</b> Dorota	Polish	UCSD, La Jolla, USA	UO-UL, Lausanne, Switzerland	Breast cancer and inflammation – novel ER transcription program
<b>Portugal</b>	<b>Almeida Gomes,</b> Claudia	Portuguese	Curie Institute, Paris, France	WMCCU, Ithaca, USA	Role of myosin 1b in the regulation of the endocytic pathway in mammalian cells
	<b>da Fonseca,</b> Rute	Portuguese	University of Copenhagen, Denmark	Porto University, Porto, Portugal	Positive selection on apoptosis related genes – implications for carcinogenesis

## EMBO | long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Portugal</b> (cont.)	<b>de Oliveira Lages Alves,</b> Nuno Miguel	Portuguese	Pasteur Institute, Paris, France	AMC-DEI, Amsterdam, The Netherlands	Visualising the regulation of IL-7 expression <i>in vivo</i>
	<b>Peres,</b> Joao	Portuguese	MRC-CDN, London, UK	Institute of Biology, University of Leiden, London, UK	Role of the Wnt/ $\beta$ -catenin pathway in the dorso-ventral organisation of the telencephalon
	<b>Soares,</b> Luis	Portuguese	HMS, Boston, USA	CRG, Barcelona, Spain	Mechanisms of splicing and transcription coupling
	<b>Teixeira,</b> Alexandre	Portuguese	IMM, Lisbon, Portugal	IMM, Lisbon, Portugal	Effects of splicing on transcription and mRNA stability
<b>Spain</b>	<b>Baena Lopez,</b> Luis Alberto	Spanish	NIMR, London, United Kingdom	CBM, Madrid, Spain	How do pattern defects cause apoptosis in developing tissues?
	<b>Bayes,</b> Alex	Spanish	WTSI, Hinxton, UK	UAB-DBMB, Bellaterra, Spain	Proteomics and genetics of the synapse in learning and memory
	<b>Castillo-Lluva,</b> Sonia	Spanish	PICR, Manchester, UK	PICR, Manchester, UK	The Tiam1/Rac signalling module in cellular transformation and the action of Rac on cell motility
	<b>Cortes-Ledesma,</b> Felipe	Spanish	University of Sussex, Brighton, UK	CABIMER, Sevilla, Spain	Molecular analysis of single-strand break repair (SSBR) in human cells
	<b>Couto,</b> Africa	Spanish	MRC-LMB, Cambridge, UK	MRC-LMB, Cambridge, UK	Molecular and neural mechanisms underlying <i>C. elegans</i> oxygen response
	<b>Esparza Gordillo,</b> Jorge	Spanish	Charité International University Clinic, Berlin, Germany	Charité International University Clinic, Berlin, Germany	Characterisation of the genetic basis of atopic dermatitis
	<b>Fabra Pastor,</b> Maria Mercedes	Spanish	University of Geneva Medical School, Geneva, Switzerland	CSIC, Barcelona, Spain	Developmental mechanisms in adult brain neurogenesis and repair: Study of the contribution of Gli1
	<b>Garcia-cao,</b> Marta	Spanish	MSKCC, New York, USA	CNIO, Madrid, Spain	Study of the role of Id proteins in cancer by using a conditional Id knockout mouse model
	<b>Hidalgo Carcedo,</b> Cristina	Spanish	CRU-LIFL, London, UK	CRU-LIFL, London, UK	Regulation, localisation and function of active Rho signalling in living tumours
	<b>Marcaida,</b> Maria Josefina	Spanish	CNIO, Madrid, Spain	CNIO, Madrid, Spain	Structure–function studies on protein kinases involved in centrosome and cell cycle regulation
	<b>Martin Sanchez,</b> Maria Victoria	Spanish	University of Geneva, Switzerland	University of Geneva, Switzerland	Ribosome biogenesis in budding yeast: Iff1 and more
	<b>Matheu,</b> Ander	Spanish	NIMR, London, United Kingdom	CNIO, Madrid, Spain	Networks of gene activity in neural stem cells

## long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
Spain (cont.)	<b>Menendez-Benito,</b> Victoria	Spanish	NKI-AVL, Amsterdam, The Netherlands	NKI-AVL, Amsterdam, The Netherlands	Dynamics and stability of the proteasome
	<b>Perez-Mendoza,</b> Daniel	Spanish	University of Cambridge, UK	University of Cantabria, Santander, Spain	Function of a new Type I secretion system in <i>Erwinia carotovora</i> pathogenicity
	<b>Sanz,</b> Alberto	Spanish	University of Tampere, Finland	University of Madrid, Spain	Testing the mitochondrial free radical theory of ageing by decreasing mitochondrial ROS production
Sweden	<b>Christofer,</b> Lendel	Swedish	University of Cambridge, Dept. of Chemistry, Cambridge, UK	KTH, Stockholm, Sweden	Molecular mechanisms of stability and folding co-operativity in amyloidogenic variants of lysozyme
	<b>Enquist,</b> Johan	Swedish	EGCRC-UCSF, San Francisco, USA	LU-DCMP, Lund, Sweden	G protein-coupled receptor involvement in compulsive behaviours, molecular basis of opiate addiction
	<b>Jern,</b> Patric	Swedish	Tufts University, DMBM, Boston, USA	Uppsala University, Dept. of Medical Sciences, Uppsala, Sweden	ERV significance to cancer and genomic evolution
	<b>Smith,</b> Emma	Swedish	ISREC, Epalinges, Switzerland	LSRC-SCBCT, Lund, Sweden	Identification and characterisation of hematopoietic cells receiving a Notch signal <i>in vivo</i>
	<b>Wallner,</b> Björn	Swedish	University of Washington, Dept. of Biochemistry, Seattle, USA	SBC, Stockholm, Sweden	Membrane protein structure prediction based on ROSETTA
Switzerland	<b>Appenzeller-Herzog,</b> Christian	Swiss	IMBP, Copenhagen, Denmark	ETH-IBC, Zurich, Switzerland	Redox regulation in the endoplasmic reticulum of human cells
	<b>Erzberger,</b> Jan	Swiss	ETH, Zurich, Switzerland	UCB, Berkeley, USA	Structural investigation of mitoribosome function
	<b>Janovjak,</b> Harald	Swiss	UCB, Berkeley, USA	BIOTEC, Dresden, Germany	Optical manipulation of ion channel structure and function
	<b>Krebs,</b> Philipp	Swiss	TSRI, La Jolla, USA	Kantonal Hospital, St. Gallen, Switzerland	Identification and characterisation of new molecular components of the innate immune system
	<b>Meylan,</b> Etienne	Swiss	MIT, Cambridge, USA	Biochemistry, Epalinges, Switzerland	Study of the role of inflammatory cells during lung tumour development
	<b>Schalch,</b> Thomas	Swiss	CSHL, Cold Spring Harbor, USA	CSHL, Cold Spring Harbor, USA	Structural and functional characterisation of protein complexes involved in RNAi mediated heterochromatin formation

## EMBO | long-term fellowship awards 2006

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<b>United Kingdom</b>	<b>Chamary,</b> Jean-Vincent	British	UNIL-CIG, Lausanne, Switzerland	UNIL-CIG, Lausanne, Switzerland	Segmental copy number variation and gene expression differences in human and chimpanzee brains
	<b>Gallop,</b> Jennifer	British	HMS, Boston, USA	MRC-LMB, Cambridge, UK	Cell biological mechanisms of Cdc42 in <i>Xenopus</i> gastrulation
	<b>Hennah,</b> William	British	Dept. of Medical Sciences, University of Edinburgh, UK	NPHI, Helsinki, Finland	The role of DISC1 in the etiology of schizophrenia
	<b>Kirkham,</b> Matthew	British	Karolinska Institute, Stockholm, Sweden	Karolinska Institute, Stockholm, Sweden	Dopaminergic neurogenesis and functional recovery in a salamander model of Parkinson's Disease
	<b>Locke,</b> James	British	California Institute of Technology, Pasadena, USA	The University of Warwick, Coventry, UK	Understanding probabilistic decision-making; deconstructing and reconstructing the <i>Bacillus subtilis</i> sporulation initiation circuit
	<b>Money,</b> Victoria	British	University of Auckland, New Zealand	University of York, UK	Determination of the structure of two NADH-menaquinone oxidoreductases from <i>Mycobacterium tuberculosis</i>
	<b>Nelson,</b> David	British	HMS, Boston, USA	University of Liverpool, UK	Quantitative analysis of p73 dynamics and function in individual living cells
	<b>Rao,</b> Francesco	British	UBC-DBMB, Vancouver, Canada	UoD-DBCMM, Dundee, UK	Structural and kinetic insights into eukaryotic sialyltransferase
<b>other nationalities</b>	<b>El-Andaloussi,</b> Nazim	Algerian	DKFZ, Heidelberg, Germany	DKFZ, Heidelberg, Germany	Development of innovative viral therapies against human papillomavirus induced cervical cancer
	<b>Doyle,</b> Mark	American	MPI for Plant Breeding Research, Cologne, Germany	United States Peace Corps, Pretoria, South Africa	The effects of circadian periodicity on flowering time in <i>Arabidopsis thaliana</i>
	<b>Garcia,</b> Anna Denise	American	INSERM U616, Paris, France	UCLA, Los Angeles, USA	The developmental role of serotonin transporter on neural circuit formation and behaviour
	<b>Larson,</b> Greger	American	Uppsala University, DMBM, Uppsala, Sweden	University of Oxford, Dept. of Zoology, Oxford, UK	The molecular basis for phenotypic changes during chicken domestication
	<b>Lynch,</b> Jeremy	American	University of Cologne, Germany	New York University, USA	Establishment and patterning the dorsal-ventral axis in the beetle <i>Tribolium castaneum</i>
	<b>McShane,</b> Marisa	American	MPI-CBG, Dresden, Germany	MPI-CBG, Dresden, Germany	Elucidating the novel endocytic APPL1 signalling and membrane trafficking pathway
	<b>Schek,</b> Henry	American	EMBL, Heidelberg, Germany	EMBL, Heidelberg, Germany	Mitotic spindle organisation: individual motor proteins and global forces

## long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>other nationalities</b> (cont.)	<b>Weirich,</b> Christine	American	ETH, Zurich, Switzerland	UCB, Berkeley, USA	Roles of Kar9 and Cdc28 in spindle asymmetry: analysis of a spatially restricted bistable switch
	<b>Bertoncini,</b> Carlos W.	Argentinian	University of Cambridge, Dept. of Chemistry, Cambridge, UK	MPI for Biophysical Chemistry, Goettingen, Germany	Biophysical characterisation and aggregation propensity of ubiquitinated forms of the Parkinson's disease-associated protein alpha-synuclein
	<b>Cordo,</b> Sandra Myriam	Argentinian	MPI-CBG, Dresden, Germany	FIUBA, Buenos Aires, Argentina	Study of the host cells membrane and virus envelope lipid constitution and the influence on virus assembly and budding
	<b>Diacovich,</b> Lautaro	Argentinian	CIML, Marseille, France	CIML, Marseille, France	Molecular and cellular biology of <i>Salmonella</i> infections: Structural and functional analysis of the SifA:SKIP complex
	<b>Gutierrez,</b> Maximiliano	Argentinian	EMBL, Heidelberg, Germany	IHEM-CONICET, Mendoza, Argentina	Role of the NF-kappa-B pro-inflammatory pathway in killing intracellular <i>Mycobacteria</i>
	<b>Muzzopappa,</b> Mariana	Argentinian	CRG, Barcelona, Spain	CRG, Barcelona, Spain	Establishment and maintenance of cell polarity and tissue architecture in the lateral-line system of the zebrafish
	<b>Refojo,</b> Damian	Argentinian	MPI of Psychiatry, Munich, Germany	MPI of Psychiatry, Munich, Germany	Unbiased search and molecular characterisation of new candidate genes associated with depression: from human psychiatric patients to mouse models
	<b>Hogan,</b> Benjamin	Australian	NIOB, Utrecht, The Netherlands	NIOB, Utrecht, The Netherlands	Genetic control of embryonic lymphangiogenesis
	<b>Marty,</b> Allison	Australian	Pasteur Institute, Paris, France	WEHI, Melbourne, Australia	Functional analysis of IpgB1, a mimic of the Rac GTPase, during <i>Shigella</i> invasion of epithelial cells
	<b>Ryan,</b> Daniel	Australian	University of Dundee, UK	University of Sydney, Australia	Investigating the mechanics of ATP-dependent chromatin remodelling enzymes
	<b>Stock,</b> Angus	Australian	WIMM, Oxford, UK	University of Melbourne, Australia	Dendritic cell regulation of T cell homing receptor expression
	<b>Copf,</b> Tijana	Bosnian	ESPCI, Paris, France	ESPCI, Paris, France	Identification and characterisation of new transcription factors involved in the formation of long term memory (LTM) in <i>Drosophila</i>
	<b>Branicky,</b> Robyn	Canadian	MRC-LMB, Cambridge, UK	McGill University, Montreal, Canada	Molecular genetic dissection of the egg laying behaviour of <i>Caenorhabditis elegans</i> using a chemical genetics approach
<b>Clark,</b> Kristopher Andrew	Canadian	MRC-PPU, Dundee, UK	NCMLS, Nijmegen, The Netherlands	Mechanism of activation of the protein kinases COT/Tpl2 and MEK3 in response to proinflammatory signals	

## EMBO | long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>other nationalities</b> (cont.)	<b>Montgomery,</b> Stephen	Canadian	WTSI, Hinxton, UK	BC Genome Sciences Centre, Vancouver, Canada	<i>In silico</i> identification of functional regulatory mutation
	<b>Savard,</b> Joel	Canadian	University Museum of Zoology, Cambridge, UK	EMBL, Heidelberg, Germany	Evolution of axial patterning in insects: The role of maternal determinants in the transition between modes of embryogenesis in beetles
	<b>Moreno,</b> Mauricio	Chilean	University College London, UK	Catholic University of Chile, Santiago, Chile	Neural crest cell migration is modulated by the interaction of non-canonical Wnt signalling pathway, syndecan-4 and the chemokine SDF-1
	<b>Wang,</b> Jia-Wei	Chinese	MPI for Developmental Biology, Tuebingen, Germany	MPI for Developmental Biology, Tuebingen, Germany	MicroRNA control of primordium timing in <i>Arabidopsis</i>
	<b>Christodoulou,</b> Andri	Cypriot	EMBL, Heidelberg, Germany	The Cyprus Institute of Neurology and Genetics, Nicosia, Cyprus	Investigation of the functional role of soluble and membrane-bound importin-alpha in nuclear envelope assembly
	<b>Christophorou,</b> Maria	Cypriot	Gurdon Institute, Cambridge, UK	UCSF, San Francisco, USA	Determination of the function of EMSY in the regulation of transcription
	<b>Lata,</b> Suman	Indian	EMBL, Grenoble, France	EMBL, Grenoble, France	The structure and dynamics of membrane remodelling by ESCRT-III CHMP family proteins
	<b>Saikrishnan,</b> Kayarat	Indian	CRU-CHL, South Mimms, UK	CRU-CHL, South Mimms, UK	Structural studies on the regulation of RecBCD by Chi
	<b>Daiki,</b> Umetsu	Japanese	MPI-CBG, Dresden, Germany	IMCB, Tokyo, Japan	A genetic screen to identify molecules required for the formation of the anterior-posterior compartment boundary in <i>Drosophila</i> wings
	<b>Kobayashi,</b> Miki	Japanese	IBDM, Marseille, France	Osaka University, Osaka, Japan	Interplay between cell cycle control and differentiation during the formation of the central nervous system in a basal chordate, the ascidian <i>Ciona intestinalis</i>
	<b>Nakayama,</b> Naomi	Japanese	Institute of Plant Sciences, University of Bern, Switzerland	Yale University School of Medicine, New Haven, USA	Analysis of biophysical and biochemical regulation of phyllotaxis
	<b>Shimotohno,</b> Akie	Japanese	Utrecht University, Utrecht, The Netherlands	The University of Tokyo, Japan	Analysis of dose-dependent action of the <i>Arabidopsis</i> PLETHORA transcription factors: a critical test for the morphogen concept in plants
<b>Daher,</b> Wassim	Lebanese	UG-FM, Geneva, Switzerland	Pasteur Institute, Lille, France	Key regulators of actin dynamics in invasive apicomplexan parasites	

## long-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>other nationalities</b> (cont.)	<b>Dostert,</b> Catherine	Luxembourg	University of Lausanne, Dept. of Biochemistry, Epalinges, Switzerland	University of Lausanne, Dept. of Biochemistry, Epalinges, Switzerland	Negative regulation of NALP3 inflammasome induced IL-1 production
	<b>Cruz-Ramirez,</b> Luis Alfredo	Mexican	UU-DB, Utrecht, The Netherlands	NLGB, Irapuato, Mexico	Unravelling the role of the retinoblastoma-related (RBR) pathway in <i>Arabidopsis thaliana</i> root system development
	<b>Drew,</b> David	New Zealander	ICL-DMB, London, UK	ICL-DMB, London, UK	Structural determination of eukaryotic secondary active transporters
	<b>Al-Amoudi,</b> Ashraf	Palestinian	EMBL, Heidelberg, Germany	EMBL, Heidelberg, Germany	Cryo-electron tomography of vitreous sections of skin and brain tissues
	<b>Chekulaeva,</b> Marina	Russian	FMI, Basel, Switzerland	EMBL, Heidelberg, Germany	Mammalian processing bodies: composition and functional role in miRNA-mediated regulation
	<b>Choi,</b> Eun Shik	South Korean	WTCCB, Edinburgh, UK	WTCCB, Edinburgh, UK	Investigating the role of central domain transcription and non-coding RNAs in CENP-A deposition and kinetochore assembly at fission yeast centromeres
	<b>Nawathean,</b> Pipat	Thai	UNIL-CIG, Lausanne, Switzerland	Brandeis University, Dept. of Biology, Waltham, USA	MicroRNA regulation in adipogenesis

## applications and awards 2000–2006

country from	applications	% of total	awards	% of total	success rate %
Austria	88	1.29	25	2.04	28
Belgium	114	1.67	23	1.87	20
Croatia	30	0.44	9	0.73	30
Czech Republic	70	1.03	13	1.06	19
Denmark	67	0.98	16	1.30	24
Estonia*	0	0.00	0	0.00	0
Finland	87	1.27	14	1.14	16
France	1420	20.80	258	21.03	18
Germany	757	11.09	182	14.83	24
Greece	149	2.18	35	2.85	24
Hungary	86	1.26	18	1.47	21
Iceland	14	0.21	2	0.16	14
Ireland	71	1.04	10	0.81	14
Israel	321	4.70	60	4.89	19
Italy	442	6.47	64	5.22	15
The Netherlands	243	3.56	61	4.97	25
Norway	13	0.19	1	0.08	8
Poland	88	1.29	11	0.90	13
Portugal	107	1.57	29	2.36	27
Slovenia	16	0.23	0	0.00	0
Spain	797	11.67	113	9.21	14
Sweden	305	4.47	39	3.18	13
Switzerland	114	1.67	35	2.85	31
Turkey	44	0.64	3	0.24	7
United Kingdom	359	5.26	44	3.59	12
Eastern Europe	172	2.52	15	1.22	9
USA/Canada	279	4.09	58	4.73	21
Others	574	8.41	89	7.25	16
<b>Total</b>	<b>6827</b>	<b>100</b>	<b>1227</b>	<b>100</b>	<b>18</b>

\* Estonia joined the EMBC in 2006



### applications and awards 1977–2006

year	applications	awards	success rate %
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
1978	235	101	43
1977	236	94	40

EMBO | long-term fellowships 2006: geographical distribution

applications

	From																												
To	Austria	Belgium	Croatia	Czech Rep.	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	Ireland	Israel	Italy	Netherlands	Norway	Poland	Portugal	Slovenia	Spain	Sweden	Switzerland	Turkey	UK	Eastern Europe	USA/Canada	Others	Total
Austria	3	1						2	3						1						1		1			1	2	15	
Belgium							1	3	3						2			1				4	2			1	4	21	
Croatia																												0	
Czech Rep.															1						1						1	3	
Denmark								5	4					1	1				1		3	4	1		1	2		23	
Estonia																												0	
Finland						4	1												1		2	1				1	1	2	13
France	1	3			2			16	9	4	5		3	1	7	1		3	2	1	12	1			3	5	8	22	109
Germany	1	2		2	2	4	15	5	3	2					9	4		2			9		3	1	2	4	6	18	94
Greece							1		3					1							2					1		8	
Hungary											1						1											2	
Iceland																												0	
Ireland							2												1		1							4	
Israel	1	1													1							1	1		1	1		7	
Italy						1	3	1							11			2			3	2		2		3	6	34	
Netherlands		3		2		1	8	5	2							3					4				1	4	11	44	
Norway								1									2					1				1		5	
Poland																		1										1	
Portugal													1	1					5								1	9	
Slovenia																												0	
Spain	1			1			19	5	3				1	5	1					2	9	1			2	1	17	68	
Sweden		1		1		2	10	7	3	1				4	5						2			1	2	2	2	4	47
Switzerland						2	23	17	1				1	2	4	4					7	1	3	2	2	1	4	9	83
Turkey																												0	
UK	4	4	2	2	1		45	21	2	8	1	2	4	11	11	1	5	4			50	10	1	2	6	7	14	41	259
EMBL							1														2					1	3	7	
Eastern Europe																												0	
USA/Canada		1	2	7	1		2	91	37	10	1	1	5	30	18	9		11	7	3	47	25	9	3	29	2	4	355	
Others							6	1					1	2		1		1	3		1	3		2				21	
<b>Total</b>	<b>11</b>	<b>16</b>	<b>4</b>	<b>15</b>	<b>6</b>	<b>0</b>	<b>17</b>	<b>251</b>	<b>119</b>	<b>31</b>	<b>18</b>	<b>2</b>	<b>14</b>	<b>41</b>	<b>76</b>	<b>41</b>	<b>2</b>	<b>26</b>	<b>26</b>	<b>4</b>	<b>160</b>	<b>52</b>	<b>19</b>	<b>11</b>	<b>51</b>	<b>24</b>	<b>50</b>	<b>145</b>	<b>1232</b>

## long-term fellowships 2006: geographical distribution

awards

From																					Total								
To	Austria	Belgium	Croatia	Czech Rep.	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	Ireland	Israel	Italy	Netherlands	Norway	Poland	Portugal	Slovenia	Spain	Sweden	Switzerland	Turkey	UK	Eastern Europe	USA/Canada	Others	Total
Austria		1							1																				2
Belgium															1														1
Croatia																													0
Czech Rep.																													0
Denmark								1										1				1							3
Estonia																													0
Finland																					1								1
France	1	1		2			5	3	2	2			1	1				1	2							1	5	27	
Germany		1	1	1		1	5	2							3	2					1					3	5	25	
Greece													1																1
Hungary											1																		1
Iceland																													0
Ireland							1																						1
Israel																													0
Italy							1								1														2
Netherlands		1					1	2								1						1					3	9	
Norway								1																					1
Poland																													0
Portugal													1						1										2
Slovenia																													0
Spain							2															1					1	4	
Sweden		1						1																	1	1		4	
Switzerland						1	5	5					1		1							2	1	1	1	1	1	4	24
Turkey																													0
UK	2	2	1	1	1		12	10	1	1			1	2	2			1			8	1		1		4	8	59	
EMBL							1																			1	3	5	
Eastern Europe																													0
USA/Canada		1	1	3			7	7	1			1	6	1	4			4	1		1	3	4		4			49	
Others																									1			1	
<b>Total</b>	<b>3</b>	<b>8</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>40</b>	<b>33</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>15</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>11</b>	<b>29</b>	<b>222</b>

## EMBO | short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Austria</b>	<b>Mayr,</b> Juliane	Austrian	Institute for Glycomics, Griffiths University, Australia	Applied Biotechnologies GmbH, Salzburg, Austria	Viral hemagglutinin-esterases: analysis of enzyme-substrate interactions
<b>Belgium</b>	<b>Di Paolo,</b> Alexandre	Belgian	OCMS, Oxford, UK	Centre of Protein Engineering, University of Liege, Belgium	Investigation of the folding kinetics of I lysozyme, using a variety of techniques including quenched-flow hydrogen exchange labelling, monitored by mass spectrometry and 2D-NMR, in conjunction with stopped- flow fluorescence and CD
	<b>Klerkx,</b> Elke PF	Belgian	HHMI, Caltech, USA	Scientific Park Barcelona, Spain	The role of VRK-1 in <i>C. elegans</i> vulva development
	<b>Saerens,</b> Sofie	Belgian	TUG-IB, Graz, Austria	Centre for Food and Microbial Technology, Heverlee, Belgium	Functional analysis of Eht1p and Eeb1p, two enzymes involved in fatty acid ethyl ester synthesis in <i>Saccharomyces cerevisiae</i>
<b>Czech Republic</b>	<b>Dvorachkova,</b> Martina	Czech	Dept. of Cell and Developmental Biology, Norwich Research Park, Norwich, UK	Institute of Biophysics, Brno, Czech Republic	Function of telomere protein complex in <i>Arabidopsis thaliana</i>
	<b>Dvorak,</b> Zdenek	Czech	INSERM U632, CNRS, Montpellier, France	Palacky University, Olomouc, Czech Republic	The role of cytoskeleton in the cellular signalling by receptors involved in regulation of drug metabolising enzyme
	<b>Kopecky,</b> David	Czech	University of California, Riverside, USA	Institute of Experimental Botany, Olomouc, Czech Republic	The study of parental genomes in <i>Lolium x Festuca</i> hybrids during meiosis I
	<b>Liebl,</b> David	Czech	EMBL, Heidelberg, Germany	Dept. of Genetics and Microbiology, Charles University, Prague, Czech Republic	Trafficking of mouse polyomavirus and pseudocapsids in host cells revealed by immunoelectron microscopy
	<b>Ott,</b> David	Czech	University of Texas Medical Branch, Galveston, USA	Institute of Neuropathology, University Hospital Zurich, Switzerland	Screening for dominant negative PrP mutant by PMCA assay
<b>Estonia</b>	<b>Kõks,</b> Sulev	Estonian	SGDP, London, UK	Dept. of Physiology, University of Tartu, Estonia	Gene expression analysis in amygdala of wfs1 deficient mice
<b>Finland</b>	<b>Järvinen,</b> Elina	Finnish	IMP, Vienna, Austria	UHIB, Helsinki, Finland	Wnt signalling in tooth development
	<b>Nevalainen,</b> Elisa	Finnish	MPG, Munich, Germany	UHIB, Helsinki, Finland	Analysis of twinfilin-1 and twinfilin-2 knock-out mice

→ Please see **pages 146–149** for a complete list of all organisations and their corresponding acronyms.

## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>France</b>	<b>Bellanger,</b> Xavier	French	Eastman Dental Institute, University College London, UK	Henri Poincare Nancy University, Vandoeuvre-les-Nancy, France	Characterisation of conjugative transfer and mobilisation of genomic islands of <i>Streptococcus thermophilus</i>
	<b>Colletier,</b> Jacques-Philippe	French	The Weizmann Institute of Science, Rehovot, Israel	IBS, Grenoble, France	Crystallographic studies on the complex of acetylcholinesterase with Fasciculin, a peptide from the mamba-snake venom
	<b>Filion,</b> Guillaume	French	CNIO, Madrid, Spain	Curie Institute, Paris, France	Using CHIP-on-chip to identify the target sequences of ZBTB4, a human bi-modal transcription repressor
	<b>Georgel,</b> Philippe	French	TSRI, La Jolla, USA	Laboratory of Human Molecular Immunogenetics, Faculty of Medicine, Strasbourg, France	Vesicular stomatitis virus glycoprotein G activates a specific antiviral TLR4-dependent pathway
	<b>Grassart,</b> Alexandre	French	MRC-LMB, Cambridge, UK	Pasteur Institute, Paris, France	The clathrin-independent endocytosis of cytokine receptors analysed by total internal reflection fluorescent microscopy
	<b>Hobeika,</b> Maria	French	MRC-LMB, Cambridge, UK	IJM, Paris, France	Structural basis for substrate recognition by the UBA domain of Mex67
	<b>Lescure,</b> Alain	French	FMI, Basel, Switzerland	IBMC, Strasbourg, France	Study of the potential role of miRNAs in cell specific expression of the human iodothyronine deiodinase 2
	<b>Letzelter,</b> Michel	French	Prefectural University of Hiroshima, Japan	Biozentrum, University of Basel, Switzerland	Isolation and structural analysis of the Ysc-Yop type III secretion injectosome by electron microscopy
	<b>Lopez,</b> Murielle	French	IWR, University of Heidelberg, Germany	Thermophile Research Unit, University of Waikato, Hamilton, New Zealand	Effect of hydration on enzyme activity and dynamics
	<b>Nouailler,</b> Matthieu	French	CERM, Florence, Italy	CNRS-UPR9036, Marseille, France	Direct-detected <sup>13</sup> C NMR to investigate the structure of the paramagnetic HndDn domain of NADP reducing hydrogenase from <i>Desulfovibrio</i>
	<b>Pagniez,</b> Priscilla	French	School of Life Sciences, University of Sussex, Brighton, UK	Institute of Molecular and Structural Virology, Grenoble, France	Mapping interactions between the Epstein- Barr virus ZEBRA protein and host cellular factors c/EBPalpha, NF-kappaB p65 and 53Bp1
	<b>Piganeau,</b> Gwenaël Viviane	French	Bioinformatics and Evolutionary Genomics, Gent University, Gent, Belgium	Arago Laboratory, UMR 7628, Banyuls sur Mer, France	Evolution of non-coding regions in <i>Ostreococcus</i>

**EMBO | short-term fellowship awards 2006**

	name	nationality	host laboratory	home laboratory	research interest
<b>France</b> (cont.)	<b>Rzewuski,</b> Guillaume	French	PRI-PDS, Wageningen, The Netherlands	Dept. of Plant Developmental Biology, University of Kiel, Germany	Identification of MADS-box interacting proteins in <i>Arabidopsis</i> by means of yeast-based technology
	<b>Théard,</b> Delphine	French	IPMC, Valbonnes – Sophia Antipolis, France	Membrane Cell Biology Dept., Groeningen, The Netherlands	Determination of the contribution of E-cadherin during the development of cell polarity using Fc-E-cadherin
	<b>Travé,</b> Gilles	French	EMBL, Heidelberg, Germany	CNRS-UMR7175, Ostwald, France	A bioinformatics analysis of the disruption of cellular “protein–protein interaction networks” and “linear motifs”
<b>Germany</b>	<b>Bechtold,</b> Ulrike	German	Institute of Environmental Biology, Utrecht, The Netherlands	Dept. of Biological Science, University of Essex, Colchester, UK	The role of heat shock transcription factor 3 (HSF3) in the control of basal resistance of <i>Arabidopsis thaliana</i> to a spectrum of plant microbial pathogens
	<b>Bretschneider,</b> Nancy	German	The Babraham Institute, Cambridge, UK	EMBL, Heidelberg, Germany	Co-localisation studies of active estrogen receptor alpha target genes in transcription factories in breast carcinoma cells
	<b>Bujny,</b> Miriam	German	Curie Institute, Paris, France	Dept. of Biochemistry, School of Medical Sciences, Bristol, UK	The role of retromer components in shiga toxin traffic
	<b>Conrad,</b> Marcus	German	Dept. of Pathology and Oncology, Karolinska Institute, Stockholm, Sweden	Institute of Clinical Molecular Biology and Tumour Genetics, GSF Research Centre, Munich, Germany	Phospholipid hydroperoxide glutathione peroxidase as a negative regulator of PDGF receptor signalling
	<b>Gembardt,</b> Florian	German	Nefrology Lab, Jimenez Diaz Foundation, Madrid, Spain	Campus Benjamin Franklin, Charite Berlin, Germany	Effects of Ang-(1-7) on vascular smooth muscle cell growth and intracellular signalling
	<b>Güngör,</b> Cenap	German	EMBL, Heidelberg, Germany	Center for Molecular Neurobiology, Bach Laboratory, Worcester, USA	Regulation of estrogen receptor transcriptional activation complex assembly dynamics by a novel set of co-regulatory proteins
	<b>Hellmich,</b> Ute	German	Dept. of Pharmacology, University of Cambridge, UK	Institute for Biophysical Chemistry, Goethe University, Frankfurt, Germany	Preparation and activity control of single-cys mutants of the ABC-transporter LmrA in <i>L. lactis</i> as well as over-expression of his multidrug-efflux pump in <i>E. coli</i> for isotopic labelling for solid-state NRM
	<b>Kirchmaier,</b> Bettina Carmen	German	Dept. of Zoology and Limnology, University of Innsbruck, Austria	Cell and Developmental Biology, University of Wuerzburg, Germany	Myocardial function in zebrafish popdc2 morphants

## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Germany</b> (cont.)	<b>Önel,</b> Susanne-Filiz	German	Dept. of Biochemistry, The Norwegian Radium Hospital, Oslo, Norway	Dept. of Biology, Philipps University, Marburg, Germany	Cryo-EM analysis of Schizo and the PIP5-kinase Skittles during <i>Drosophila</i> myoblast fusion
	<b>Petzold,</b> Katja	German	IMBP, Copenhagen, Denmark	Dept. of Medical Biochemistry and Biophysics, Umea University, Sweden	Structure calculation based on molecular motions of the apical loop RNA of the hepatitis B virus
	<b>Sadoni,</b> Nicolas	German	EMBL, Heidelberg, Germany	LMU, Munich, Germany	The functional nuclear architecture of retinal cells organised into retinospheroids analysed by selective plane illumination microscopy (SPIM)
	<b>Schuerer,</b> Kirsten Anke	German	Cancer Research UK, University of Oxford, UK	LIA-FLI, Jena, Germany	Biochemical characterisation of human FncM helicase
	<b>Schüler,</b> Herwig	German	Dept. of Molecular Pharmacology, Brown University, Providence, USA	MDC, Berlin, Germany	Interaction of actin and spinophilin during regulation of neural spine morphology
	<b>Schymeinsky,</b> Jürgen	German	EMBL, Monterotondo, Italy	LMU, Munich, Germany	Conditional Syk-deficient mice
	<b>Seizl,</b> Martin Josef	German	FHCRC, Seattle, USA	LMU, Munich, Germany	Towards <i>in vitro</i> transcriptions with reconstituted recombinant mediator complexes
	<b>Stecher,</b> Barbara	German	McMaster University Medical Centre, Hamilton, Canada	Institute of Microbiology, ETH, Zurich, Switzerland	Influence of <i>Salmonella sv. typhimurium</i> colities on the composition of the intestinal microflora in ASF-associated mice
	<b>Wegener,</b> Christian	German	Faculty of Biological Sciences, University of Leeds, UK	Dept. of Biology, Philipps University, Marburg, Germany	Function and specificity of the subtilisin-like prohormone convertases in neuropeptide processing and sorting in <i>Drosophila</i>
	<b>Westendorf,</b> Astrid	German	NIMR, London, UK	Helmholtz Centre for Infection Research, Braunschweig, Germany	Identification and characterisation of transcription factors supporting de novo differentiation of IL-17 producing T cells
	<b>Wünnenerg,</b> Heike	German	Dept. of Molecular Biology, University of Aarhus, Denmark	Institute for Pharmaceutical Chemistry, Philipps University, Marburg, Germany	A novel approach to screen for efficient antisense oligoribonucleotide inhibitors of <i>B. subtilis</i> RNase P RNA
	<b>Zischka,</b> Hans	German	Gustave Roussy Institute, Villejuif, France	GSF, Neuherberg, Germany	Zone electrophoresis as a potential tool for the measurement of the mitochondrial membrane permeabilisation (MMP) induced by the permeability transition pore (PTP) opening and BAX/BAK oligomerisation

**EMBO | short-term fellowship awards 2006**

	name	nationality	host laboratory	home laboratory	research interest
<b>Greece</b>	<b>Karanasios,</b> Eleftherios	Greek	EMBL, Heidelberg, Germany	Laboratory of Biochemistry, University of Thessaly, Larisa, Greece	Structure–function relationships in the Arclp complex
	<b>Kondylis,</b> Vangelis	Greek	DKFZ, Heidelberg, Germany	Dept. of Cell Biology, Cell Microscopy Centre, Utrecht, The Netherlands	The early exocytic pathway: a genome wide RNAi screen on <i>Drosophila</i> S2 cells
	<b>Tsagakalia,</b> Aikaterini	Greek	MPI for Molecular Genetics, Berlin, Germany	Laboratory of Biochemistry, Aristotle University of Thessaloniki, Greece	Are the extensions of L4 and L22 ribosomal proteins from the bacterium <i>Escherichia coli</i> important for the tunnel function?
<b>Hungary</b>	<b>Antal,</b> Mária	Hungarian	Faculty of Pharmacy, University of Rennes, France	Institute of Plant Biology, MTA, Szeged, Hungary	Functional analysis of a novel bacterial noncoding RNA RydC and its mRNA target
	<b>Bene,</b> Laszlo	Hungarian	MPI for Biophysical Chemistry, Goettingen, Germany	Dept. of Biophysics and Cell Biology, University of Debrecen, Hungary	Comparative polarisation energy transfer measurements with flow cytometry and anisotropy-fluorescence lifetime imaging programmable array microscopy (rFLIM-PAM)
	<b>Botos,</b> Erzsébet	Hungarian	Dept. of Cell Biology, UMC, Utrecht, The Netherlands	Semmelweis Institute, Budapest, Hungary	Immuno–electron microscopic study of the internalisation and recycling of caveolae in HepG2 cells
	<b>Denes Kovacs,</b> Sandor	Hungarian	Kings College London, University of London, UK	Institute of Enzymology, MTA, Budapest, Hungary	The role of polymorphic Q/N-rich proteins in cognitive functions
	<b>Székvölgyi,</b> Lóránt	Hungarian	Curie Institute, Paris, France	Dept. of Biophysics and Cell Biology, University of Debrecen, Hungary	Genome-wide mapping of chromatin loop anchorage sites in <i>S. cerevisiae</i>
	<b>Vámosi,</b> György	Hungarian	DKFZ, Heidelberg, Germany	Dept. of Biophysics and Cell Biology, University of Debrecen, Hungary	Mobility and interactions of interleukin-2/15 receptors
<b>Iceland</b>	<b>Björnsdóttir,</b> Bryndís	Icelandic	National Research Council's Institute for Marine Biosciences, Halifax, Canada	Institute for Experimental Pathology, University of Iceland, Reykjavik, Iceland	<i>Moritella viscosa</i> antigen modulation of immunologically important gene expression in an Atlantic salmon macrophage-like cell line
	<b>Gunnlaugsdóttir,</b> Brynja	Icelandic	Dept. of Biomedical Science, Venetian Institute of Molecular Medicine, Padova, Italy	Center for Rheumatology Research, Landspítali University Hospital, Reykjavik, Iceland	The role of TGF- $\beta$ 1, during the formation and function of the immunological synapse



## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
Iceland (cont.)	<b>Oli Einarsson,</b> Steingrímur	Icelandic	Dept. of Molecular Biology, University of Nijmegen, The Netherlands	Dept. of Biochemistry and Molecular Biology, University of Iceland, Reykjavik, Iceland	Identification of Mitf target genes using CHIP analysis
	<b>Ósk Snorradóttir,</b> Ásbjörg	Icelandic	Dept. of Cellular Neurology, University of Tuebingen, Germany	Institute for Experimental Pathology, University of Iceland, Reykjavik, Iceland	Investigation on the infiltration of immune system into the brain vessels of patients with hereditary brain hemorrhage (HCCAA, hereditary cystatin C amyloid angiopathy)
Ireland	<b>McGee,</b> Sharon	Irish	Orday Research Institute, Cancer Research, New York, USA	The Conway Institute of Biomolecular and Biomedical Research, University College, Dublin, Ireland	Construction of a lentiviral, RNA interference (RNAi) library to facilitate the functional analysis of genes associated with breast cancer metastasis
Israel	<b>Amit,</b> Maya	Israeli	Chester Beatty Laboratories, The Institute of Cancer Research, London, UK	The Weizmann Institute of Science, Rehovot, Israel	Analysis of the eukaryotic molecular chaperone, CCT
	<b>Haupt,</b> Ygal	Israeli	WEHI, Melbourne, Australia	Lautenberg Center for General and Tumour Immunology, Jerusalem, Israel	Regulation of p53 by c-Abl <i>in vivo</i>
	<b>Michaelevski,</b> Yizhak	Israeli	Mass Spectrometry Facility, San Francisco, USA	Dept. of Biological Chemistry, The Weizmann Institute of Science, Rehovot, Israel	Proteomics of protein phosphorylation response to injury in peripheral nerves
	<b>Peleg-Grossman,</b> Smadar	Israeli	Dept. of Science and Technology, University of Verona, Italy	The Hebrew University, Dept. of Plant and Environmental Sciences, Jerusalem, Israel	Isolation of genes involved in root hair curling and rhizobacteria infection
Italy	<b>Alverdi,</b> Vera	Italian	Biomolecular Mass Spectrometry, Utrecht University, Utrecht, The Netherlands	Faculty of Medicine, University of Udine, Italy	Probing the mechanism of aggregation of beta2-microglobulin
	<b>Antonacci,</b> Francesca	Italian	Center for Medical Genetics, Gent University Hospital, Gent, Belgium	University of Bari, Italy	Segmental duplication: hot spots of evolutionary and contemporary change

**EMBO | short-term fellowship awards 2006**

	name	nationality	host laboratory	home laboratory	research interest
<b>Italy</b> (cont.)	<b>Arrigoni,</b> Giorgio	Italian	Protein Technology Dept., Lund University, Lund, Sweden	Biological Chemistry Dept., Padova, Italy	Identification of <i>in vivo</i> substrates of protein kinase CK2 by combining the use of selective inhibitors and mass spectrometry
	<b>Baratta,</b> Maria Giuseppina	Italian	EMBL, Heidelberg, Germany	CEINGE-Advanced Biotechnologies, Naples, Italy	Identification of novel MAPK inhibitors
	<b>Bellodi,</b> Cristian	Italian	Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, USA	MRC Toxicology Unit, Leicester, UK	Effect of cytoplasmic PML-RAR $\alpha$ and PML mutants on differentiation and survival of haematopoietic stem cells
	<b>Bottazzi,</b> Barbara	Italian	IIDMM, Cape Town, South Africa	Laboratory of Immunology and Inflammation, Humanitas Clinical Institute, Rozzano, Italy	Identification of a cellular receptor for the long pentraxin PTX3
	<b>Bragonzi,</b> Alessandra	Italian	Molecular Microbiology and Protein Engineering, University of Laval, Quebec, Canada	Institute for Experimental Treatment of Cystic Fibrosis, Milano, Italy	Identification of new <i>P. aeruginosa</i> genes involved in adaptation to cystic fibrosis airways
	<b>Cimini,</b> Eleonora	Italian	NIH-NCI, Bethesda, USA	Unit of Cellular Immunology, National Institute of Infectious Disease, Rome, Italy	Gamma-delta T cell response to poxvirus: analysis of protective factors and adjuvant activity
	<b>Cutillo,</b> Luisa	Italian	Computer Laboratory, University of Cambridge, UK	CNR-IAC, Naples, Italy	Developing MCMC and variational Bayesian methods for multiple experiments identification of regulatory motifs
	<b>Fazzari,</b> Pietro	Italian	MRC-CDN, London, UK	Institute for Cancer Research and Treatment, Torino, Italy	Study of crosstalk between scatter factor receptors and B plexins during development of dorsal root ganglion sensory neurons
	<b>Franci,</b> Gianluigi	Italian	EMBL, Heidelberg, Germany	Seconda University of Naples, Italy	Mapping the estrogen receptor interactome of human breast cancer cells
	<b>Galati,</b> Alessandra	Italian	Laboratory of Molecular Biology of the Cell, ENS, Lyon, France	Dept. of Genetics and Molecular Biology, University of Rome, Italy	<i>In vivo</i> mapping of human telomeric chromatin in a cell model system
<b>Galletti,</b> Roberta	Italian	John Innes Centre, Norwich, UK	Dept. of Plant Biology, University of Rome, Italy	Analysis of <i>Arabidopsis thaliana</i> plants mutated in U-box proteins in response to oligogalacturonide (OG) elicitors and to <i>Botrytis cinerea</i> infection	
<b>Giordano,</b> Francesca	Italian	Curie Institute, Paris, France	TIGEM, Naples, Italy	Ocular albinism Type 1 (Oa1) gene function in malanosome biogenesis	

## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
Italy (cont.)	<b>Gnocchi,</b> Viola Felicita	Italian	Kings College London, University of London, UK	University of Piemonte Orientale, Novara, Italy	Study of the effects of ghrelin and des-acyl ghrelin on satellite stem cells
	<b>Guccione,</b> Ernesto	Italian	Harvard Institute of Proteomics, HMS, Cambridge, USA	Dept. of Experimental Oncology, European Institute of Oncology, Milan, Italy	Identification of binding specificity of chromatin-associated protein domains
	<b>Iafrate,</b> Silvia	Italian	Yale University, New Haven, USA	University of Rome, Italy	An innovative approach for the analysis of post-transductional regulation of the COP9 signalosome (CSN) in <i>Arabidopsis thaliana</i>
	<b>Indrieri,</b> Alessia	Italian	Institute Cajal, CSIC, Madrid, Spain	TIGEM, Naples, Italy	Generation of a Medaka system model for Microphthalmia with linear skin defect syndrome
	<b>Monfregola,</b> Jlenia	Italian	UHB, Helsinki, Finland	Institute of Genetics and Biophysics, Naples, Italy	Biochemical characterisation of ORF19, a new actin binding protein
	<b>Moroncini,</b> Gianluca	Italian	Institute of Neuropathology, University Hospital, Zurich, Switzerland	Politecnica delle Marche University, Ancona, Italy	Detection of prion-infected live cells by a motif-grafted antibody specific for disease-associated prion protein
	<b>Negrini,</b> Simone Matteo	Italian	INSERM U542, Villejuif, France	Lab of Immunology, University of Genoa, Italy	Generation of human IK-DC starting from NK2/DC cells
	<b>Proietti de Santis,</b> Luca	Italian	IGBMC, Illkirch, France	University of Tuscia, Viterbo, Italy	Identification of CSB complexes using tandem affinity purification (TAP tag) technology
	<b>Rampioni,</b> Giordano	Italian	Dept. of Microbiology, University of Washington, Seattle, USA	Dept. of Biology, University of Rome, Italy	Quorum sensing in <i>Pseudomonas</i> <i>aeruginosa</i> : the RsaL regulon
	<b>Ruzzenente,</b> Benedetta	Italian	Dept. of Laboratory Medicine, Karolinska Institute, Stockholm, Sweden	Dept. of Biology, University of Padova, Italy	Targeted disruption of mitochondrial 5'-deoxynucleotidase gene in mouse
	<b>Sangiorgio,</b> Lorenzo	Italian	Computational Proteomics Group, Australian National University, Canberra, Australia	Dept. of Pathology, University of Milan, Italy	Correlation of data and bioinformatic prediction on prion protein family genes to study evolution of their functions in vertebrates
<b>Spagnolo,</b> Laura	Italian	CSIC-CIB, Madrid, Spain	The Institute of Cancer Research, London, UK	Electron microscopy studies of non- homologous end joining complexes loaded on DNA	

EMBO | short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Italy</b> (cont.)	<b>Stanchi,</b> Fabio	Italian	MPI for Biochemistry, Martinsried, Germany	Developmental Biology and Cancer Research, CNRS-UMR6543, Nice, France	Development of endothelial cell lines defective in FN assembly: study of the role of integrin linked kinase and PINCH proteins
<b>The Netherlands</b>	<b>de Wit,</b> Elzo	Dutch	Genome Center, Columbia University, New York, USA	NKI-AVL, Amsterdam, The Netherlands	Identification of large chromatin domains in <i>Drosophila melanogaster</i> by computational analysis of genome-wide protein binding datasets
	<b>Niessen,</b> Hanneke	Dutch	BRIC, Copenhagen, Denmark	Dept. of Molecular Genetics, Maastricht University, Maastricht, The Netherlands	Mapping common transcriptional targets of MK3 and PcG
	<b>Noordegraaf,</b> Madelon	Dutch	The Weizmann Institute of Science, Rehovot, Israel	AMC, Amsterdam, The Netherlands	Characterisation of Langerhans cell function and development by inducible cell ablation in mice
	<b>van Bruggen,</b> Robin	Dutch	UNIL, Epalinges, Switzerland	CLB, Amsterdam, The Netherlands	Characterisation of the inflammasome in human neutrophils
	<b>Verheije,</b> Hélène	Dutch	IMSB-ETH, Zurich, Switzerland	Dept. of Infection and Immunity, Utrecht University, Utrecht, The Netherlands	Functional genomics of coronavirus – host interactions
<b>Poland</b>	<b>Bednarczyk,</b> Piotr	Polish	Dept. of Neurology, Otto von Guericke University, Magdeburg, Germany	Dept. of Biophysics, Agricultural University, Warsaw, Poland	Investigation of nature of the ion channels from inner mitochondrial membrane
	<b>Chmiel,</b> Agnieszka	Polish	CEA ValRho-Marcoule, Bagnols-sur-Cèze, France	IIMCB, Warsaw, Poland	Characterisation of intra-protein crosslinks of NlaIV restriction endonuclease using mass spectrometry techniques
	<b>Garstka,</b> Malgorzata	Polish	Cell Biology and Biochemistry, University of London, UK	School of Engineering and Science, International University Bremen, Germany	Molecular and cellular mechanisms of tapasin-dependent MHC class I localisation
	<b>Jarmuszkiewicz,</b> Wieslawa	Polish	Dept. of Life Sciences, University of Liege, Belgium	Dept. of Bioenergetics, Institute of Molecular Biology and Biotechnology, Poznan, Poland	Proteomic and functional analysis of <i>Dictyostelium discoideum</i> mitochondria during vegetative life and starvation-induced early development: role of reactive oxygen species and antioxidant systems

## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Poland</b> (cont.)	<b>Konopacki,</b> Filip	Polish	Anatomy Dept., MRC Centre for Synaptic Plasticity, Bristol, UK	NIEB, Warsaw, Poland	Matrix metalloproteinase 9 secretion and activation on synapses in response to neuronal stimulation
	<b>Kusiak,</b> Magdalena	Polish	School of Biosciences, University of Birmingham, UK	IBB-PAS, Warsaw, Poland	Analysis of the oligomerisation state of parBp.a. mutants
	<b>Rudolf,</b> Bogna	Polish	ENS, Paris, France	Dept. of Organic Chemistry, University of Lodz, Poland	Non-covalent inhibition of papain by organometallic complexes
	<b>Tafel,</b> Agnieszka	Polish	WIMM, Oxford, UK	Dept. of Cell Biology and Genetics, EMC, Rotterdam, The Netherlands	DNA molecular combing as a tool to detect stalled replication forks in mammalian cells
	<b>von Grothuss,</b> Marcin	Polish	University of Cambridge, Dept. of Genetics, Cambridge, UK	BioInfoBank Institute, Poznan, Poland	The evolution of the naturally antisense in the genus <i>Drosophila</i>
<b>Portugal</b>	<b>Bogalho Vicente,</b> Joao	Portuguese	Dept. of Biochemical Sciences, University of Rome, Italy	ITQB, Oeiras, Portugal	Nitric oxide detoxification by flavodiiron proteins from pathogenic microbes - mechanistic and inhibition studies
	<b>Mediros Marques,</b> Isabel Maria	Portuguese	IMG, Darmstadt, Germany	Institute for Molecular and Cell Biology, Porto, Portugal	Identification and analysis of OXPPOS supercomplexes in <i>Neurospora crassa</i> mitochondria
	<b>Nascimento,</b> Rute	Portuguese	University of Cambridge, UK	Gulbenkian Science Institute, Oeiras, Portugal	Involvement of UL24 on cell cycle arrest during HCMV infection
	<b>Osório,</b> Joana	Portuguese	Dept. of Biology, University of Ottawa, Canada	Alfred Fessard Institute, Gif-sur-Yvette, France	Cloning the regulatory regions of the lamprey Hh gene
<b>Slovenia</b>	<b>Ceru,</b> Slavko	Slovenian	Centre for Biochemistry and Cell Biology, Medical Centre Nottingham, UK	Institute Jozef Stefan, Ljubljana, Slovenia	Degradation of cystatin B through proteasome system and its influence on aggregation
<b>Spain</b>	<b>Aranda Gomez,</b> Juan Francisco	Spanish	LICR, London, UK	CSIC-UAM, Madrid, Spain	Functional characterisation of MYADM, a new member of the reft-associated MAL protein family, during cell migration
	<b>Aranda,</b> Pilar	Spanish	John Innes Centre, Norwich, UK	Institute for Sustainable Agriculture, Cordoba, Spain	A proteomic approach to wheat and rice meiosis

**EMBO | short-term fellowship awards 2006**

	name	nationality	host laboratory	home laboratory	research interest
<b>Spain</b> (cont.)	<b>Benítez de Gracia,</b> Elvira	Spanish	Dept of Physiology, Development and Neuroscience, Cambridge, UK	CBM-UAM, Madrid, Spain	Molecular study of the interaction between lines and the odd-skipped family proteins
	<b>Calo,</b> Leticia	Spanish	MPI of Molecular Plant Physiology, Potsdam-Golm, Germany	CSIC, University of Seville, Spain	Proteomic and metabolomic analysis of T-DNA tagged mutants defective in cysteine biosynthesis genes under biotic stress
	<b>de Gonzalo Calvo,</b> Gonzalo	Spanish	Laboratory of Biochemistry, University of Groningen, The Netherlands	University of Oviedo, Spain	Mechanistic and kinetic studies on ethionamide monooxygenases from <i>Mycobacterium tuberculosis</i>
	<b>Del Carmen Fernández Alonso,</b> María	Spanish	Division of Bioengineering and Physical Science, NIH, Bethesda, USA	CSIC-CIB, Madrid, Spain	Effect of soluble septosome proteins on the oligomerisation and assembly of FtsZ, an essential bacterial cell division protein: a multi-signal analytical ultracentrifugation analysis
	<b>Diago Navarro,</b> Elizabeth	Spanish	Biomolecular Mass Spectrometry, Utrecht University, The Netherlands	CSIC-CIB, Madrid, Spain	Elucidating the mechanism of action of kid ribotoxin by a combination of mutagenesis and native mass spectrometry
	<b>Domene,</b> Carmen	Spanish	Dept. of Chemistry and Applied Biosciences, ETH, Zurich, Switzerland	Dept. of Chemistry, Oxford University, UK	Insights into K-channel gating using metadynamics
	<b>Dominguez-Cuevas,</b> Patricia	Spanish	School of Biosciences, University of Birmingham, UK	CSIC-EEZ, Granada, Spain	Transcription activation at the <i>Pseudomonas putida</i> Pm promoter: interactions of XylIS with RNA polymerases
	<b>Estevez,</b> Antonio	Spanish	ZMBH, Heidelberg, Germany	CSIC-IPBLN, Granada, Spain	Regulation of mRNA degradation in trypanosomes: global analysis of mRNA- binding protein targets using microarrays
	<b>Gayarre Navarro,</b> Javier	Spanish	LICR, London, UK	CSIC-CIB, Madrid, Spain	Modification of proteins by cyclopentenone prostanoids. Identification of selective targets and implications for proteins interactions
	<b>Gómez González,</b> Belén	Spanish	Curie Institute, Paris, France	Dept. of Genetics, Faculty of Biology, Seville, Spain	Synthetic lethality screening for mutants that accumulate single stranded DNA
	<b>González Bravo,</b> Ignacio	Spanish	Dept. of Biochemistry, University of Montreal, Canada	DKFZ, Heidelberg, Germany	Phylogeny and malignancy in papillomaviruses
	<b>Lacal Romero,</b> Jésus	Spanish	University of California, Davis, USA	Dept. of Environmental Protection, CSIC, Granada, Spain	Elucidation of the molecular mechanism of TodS/TodT-mediated chemotaxis in <i>Pseudomonas</i>
	<b>Laguna Tuset,</b> Ariadna	Spanish	Neuroscience, Salpetiere Hospital, Paris, France	CRG, Barcelona, Spain	Analysis of Dyrk1A function in the development of retinotectal networks

## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
Spain (cont.)	<b>Lopez Arolas,</b> Joan	Spanish	Matrix Biology Dept., Imperial College, London, UK	Dept. of Protein Engineering and Enzymology, UAB, Bellaterra, Spain	Recombinant expression of N/E metallocarboxypeptidases in a mammalian cell system
	<b>Lopez Cortajarena,</b> Aitziber	Spanish	The Weizmann Institute of Science, Rehovot, Israel	Molecular Biophysics and Biochemistry, Yale University, New Haven, USA	Folding of helical repeat proteins monitored by single-molecule fluorescence
	<b>Lopez-Bigas,</b> Nuria	Spanish	MRC-LMB, Cambridge, UK	Genome Bioinformatics Laboratory, CRG, Barcelona, Spain	The study of human cancer in the context of transcriptional regulation
	<b>Martinez-Pons,</b> Carles	Spanish	Division of Gene Regulation and Expression, University of Dundee, UK	Metabolic Engineering and Diabetes Therapy Group, Barcelona Science Park, Barcelona, Spain	Nuclear function of muscle glycogen synthase
	<b>Matesanz,</b> Fuenciasla	Spanish	Dept. of Medical Sciences, Uppsala University, Uppsala, Sweden	CSIC-IPBLN, Granada, Spain	Application of the microarray genotyping technology to the study of multiple sclerosis
	<b>Monje Moreno,</b> José Manuel	Spanish	Baylor College of Medicine: Huffington Center on Aging, Houston, USA	CABD, Seville, Spain	Laser ablation and endocrine control in <i>C. elegans</i>
	<b>Monte,</b> Elena	Spanish	ETH, Zurich, Switzerland	IBMC-CSIC, Barcelona, Spain	Characterisation of protochlorophyllide levels in phytochrome-interacting factor 3 (pif3) <i>Arabidopsis</i> mutant seedlings using low- temperature fluorescence spectra analysis
	<b>Munoz Descalzo,</b> Silvia	Spanish	University of Cambridge, Dept. of Genetics, Cambridge, UK	Dept. of Genetics, University of Valencia, S pain	Further characterisation of the cabut role during embryonic dorsal closure
	<b>Ortiz Martin,</b> Immaculada	Spanish	Division of Biology, Imperial College London, Ashford, UK	Dept. of Cellular Biology, Genetics and Physiology, University of Malaga, Spain	Quantitative analysis of the hrp and effectors genes expression in <i>Pseudomonas syringae</i>
	<b>Porté Orduna,</b> Sergio	Spanish	University of Oxford, UK	Dept. of Biochemistry and Molecular Biology, University of Barcelona, Spain	Determination of the three-dimensional structure of a human V-crystallin-RNA complex
<b>Puig,</b> Sergi	Spanish	Dept. of Molecular and Cellular Biology, University of Arizona, Tucson, USA	Dept. of Biochemistry and Molecular Biology, University of Valencia, Spain	Characterisation of the mechanism of mRNA decay mediated by the iron-regulated protein Cth2 in <i>Saccharomyces cerevisiae</i>	

**EMBO | short-term fellowship awards 2006**

	name	nationality	host laboratory	home laboratory	research interest
<b>Spain</b> (cont.)	<b>Ramon-Garcia,</b> Santiago	Spanish	Dept. of Histology and Medical Biotechnologies, University of Padova, Italy	Dept. of Microbiology, University of Zaragoza, Spain	Expression profile analysis of efflux pump mutants from <i>Mycobacterium bovis</i>
	<b>Ramos Barrarles,</b> Ramón	Spanish	ABI, Munich, Germany	CABD, Seville, Spain	Study of chromatin remodelling at the FL011 promoter
	<b>Rivera Calzada,</b> Angel	Spanish	Chester Beatty Laboratories, The Institute of Cancer Research, London, UK	CSIC-CIB, Madrid, Spain	Assembly and purification of the human DNA-PKCs/Artemis complex
	<b>Ros Bernal,</b> Francisco	Spanish	CNRS-UMR7148, College de France, Paris, France	Dept. of Human Anatomy and Psychobiology, School of Medicine, Murcia, Spain	Role of glucocorticoid receptors in inflammation and cell death in MPTP-model of Parkinson's disease
<b>Sweden</b>	<b>Holmqvist,</b> Erik	Swedish	MPI for Infection Biology, Berlin, Germany	Dept. of Cell and Molecular Biology, Uppsala University, Uppsala, Sweden	High-throughput screening for sRNA targets in <i>E. coli</i>
<b>Turkey</b>	<b>Aykan,</b> Simge	Turkish	Dept. of Psychiatry and Psychotherapy, Heinrich-Heine University, Duesseldorf, Germany	ArLab, Hastanesi University, Inciralti, Turkey	The functional role of alpha7 nicotinic receptors in cells of the macrophage lineage
	<b>Baharoglu,</b> Zeynep	Turkish	Dept. of Biochemistry and Molecular Biology, University College London, UK	CNRS-CGM, Gif-sur-Yvette, France	Characterisation of dissociation of function RuvA mutants
	<b>Bulun,</b> Hakan	Turkish	Justus Liebig University, Giessen, Germany	Dept. of Microbiology, Kirikkale University, Kirikkale, Turkey	Detection and characterisation of shiga toxigenic <i>E.coli</i> by multiplex PCR
	<b>Önal,</b> Pinar	Turkish	Dept. of Biochemistry, UNIL, Lausanne, Switzerland	Dept. of Biosciences and Bioengineering, Sabanci University, Istanbul, Turkey	Generation of stable TFN alpha responsive cell lines
	<b>Özkan,</b> Hakan	Turkish	MPI for Plant Breeding Research, Cologne, Germany	Dept. of Field Crops, University of Cukurova, Adana, Turkey	A survey of CCGG methylation in wild ( <i>Triticum dicoccoides</i> ) and domesticated ( <i>Triticum dicoccum</i> ) emmerwheat
	<b>Simsek,</b> Ece	Turkish	Dept. of Dermatology, University Hospital Zurich, Switzerland	Dept. of Biology, Akdeniz University, Antalya, Turkey	The effects of resveratrol and diallyldisulfide on transcriptional factors and apoptosis/survival genes in cutaneous T cell lymphomas



## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>Turkey</b> (cont.)	<b>Tuna,</b> Metin	Turkish	Dept. of Biology, University of Leicester, UK	Dept. of Field Crops, Trakya University, Tekirdag, Turkey	Molecular cytogenic analysis in the grass genus <i>Bromus</i> L.
	<b>Yüzügüllü,</b> Haluk	Turkish	MPI of Immunobiology, Freiburg, Germany	Bilkent University, Ankara, Turkey	Characterisation of different molecular forms of beta-catenin using epitope specific monoclonal antibodies and confocal microscopy
<b>United Kingdom</b>	<b>Gold,</b> Matthew	British	The Vollum Institute, Oregon Health and Science University, Portland, USA	Chester Beatty Laboratories, The Institute of Cancer Research, London, UK	Analysis of the effect of AKAP7 delta on cAMP-dependent protein kinase activity <i>in vivo</i>
	<b>Hodge,</b> James	British	QMUL, London, UK	Dept. of Biology, Brandeis University, Waltham, USA	Role of Shaw potassium channel in <i>Drosophila</i> circadian rhythms
	<b>Lee,</b> David James	British	Rockefeller University, New York, USA	School of Biosciences, The University of Birmingham, UK	RNA polymerase associated proteins in <i>Escherichia coli</i>
	<b>Meadows,</b> Lisa	British	IMP, Vienna, Austria	University of Cambridge, Dept. of Genetics, Cambridge, UK	Identification of fruitless-dependent genes involved in conferring sex-specific behaviour in <i>Drosophila</i>
	<b>Peel,</b> Andrew David	British	Division of Biology, University of California, La Jolla, USA	IMBB-FORTH, Iraklion Crete, Greece	Expression and function of microRNAs in <i>Drosophila melanogaster</i> and other arthropods
	<b>Woodfine,</b> Kathryn	British	IGMM, Montpellier, France	Kings College London, University of London, UK	Identification of parent of origin specific chromatin modifications at novel imprinted genes
<b>other nationalities</b>	<b>Hall,</b> David	American	Dept. of Immunology, UMC, Utrecht, The Netherlands	Lawrence University, Appleton, USA	Inhibition of virus-induced release of inflammatory mediators from macrophages
	<b>Marinus,</b> Martin	American	CNRS-CGM, Gif-sur-Yvette, France	University of Massachusetts Medical School, Worcester, USA	The anti-recombination action of the UvrD protein
	<b>Su-chun Ho,</b> Margaret	American	IGBMC, Illkirch, France	Institute of Molecular Biology, Academia Sinica, Taipei, Taiwan	Regulation of GCM protein by the SCF-based degradation

**EMBO | short-term fellowship awards 2006**

	<b>name</b>	<b>nationality</b>	<b>host laboratory</b>	<b>home laboratory</b>	<b>research interest</b>
<b>other nationalities</b> (cont.)	<b>Bercovich,</b> Natalia	Argentinian	ZMBH, Heidelberg, Germany	Institute of Genetic Engineering and Molecular Biology Research, Buenos Aires, Argentina	<i>In vivo</i> RNA-protein and protein-protein interactions in <i>Trypanosoma cruzi</i> mRNA processing complexes
	<b>Pietranera,</b> Luciana	Argentinian	Center for Drug Research, University of Leiden, The Netherlands	Institute of Biology and Experimental Medicine- CONICET, Buenos Aires, Argentina	Determination of MR and GR mRNA expression in the brain
	<b>Roodveldt,</b> Cintia	Argentinian	Dept. of Chemistry, Princeton University, Princeton, USA	University of Cambridge, Dept. of Chemistry, Cambridge, UK	Generation of Hsp70 variants with high efficiency of amyloid-beta peptide disaggregation activity, by directed evolution
	<b>Hetherington,</b> Suzannah	Australian	IGBMC, Illkirch, France	School of Biochemistry and Molecular Biology, Acton, Australia	Characterisation of the GEI-16: a novel component of the hemidesmosome
	<b>Sutija,</b> Margareta	Australian	Institute for Stem Cell Research, University of Edinburgh, UK	NIOB, Utrecht, The Netherlands	Molecular and cellular mechanisms driving extension of the embryonic axis in the mouse
	<b>Waseem,</b> Tatiana	Belarusian	MRC Anatomical Neuropharmacology Unit, Oxford, UK	Institute of Biophysics and Cell Engineering, Minsk, Belarus	Generation of fluorescent lipid raft markers
	<b>Gechev,</b> Tsanko	Bulgarian	ETH, Zurich, Switzerland	Dept. of Plant Physiology and Plant Molecular Biology, University of Plovdiv, Bulgaria	Identification of genes involved in regulation and execution of programmed cell death in <i>Arabidopsis</i>
	<b>Yang,</b> Xiaoyong	Chinese	University of Geneva, Dept. of Molecular Biology, Geneva, Switzerland	SIBS-HHMI, La Jolla, USA	Thyroid hormone signalling: a link between the circadian clock and metabolism?
	<b>Kotnis,</b> Ashwin	Indian	LICR, London, UK	Genetic Engineering, Tata Memorial Centre, Navi Mumbai, India	To investigate the role of RohE in lymphoblastoid cell lines established from individuals with multiple primary cancers and matched healthy controls
	<b>Kumar Patra,</b> Amiya	Indian	Dept. of Experimental Medicine and Pathology, University of Rome, Italy	Molecular Pathology, University of Wuerzburg, Germany	Crosstalk between notch and NFAT mediated signals in early thymocyte development and lymphomagenesis
<b>Shivaprasad,</b> P.V.	Indian	Plant Virology Group, University of Basel, Switzerland	Dept. of Plant Biotechnology, Madurai Kamaraj University, Madurai, India	Control of host defence by geminiviruses	

## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>other nationalities</b> (cont.)	<b>Singh,</b> Gagandeep	Indian	Molecular and Cell Biology, Miguel Hernandez University, Alicante, Spain	Dept. of Applied Chemistry, Guru Nanak Dev University, Punjab, India	Folding and structure of protein variants of the C-terminal domain of CA protein of HIV-1 obtained by protein engineering
	<b>Thakur,</b> Archana	Indian	Dept. of Molecular Biology, University of Mainz, Germany	Nicholas Piramal Research Center, Mumbai, India	Application of molecular biological tools to study association of bacteria with marine sponge
	<b>Wangikar,</b> Prمود	Indian	CNRS-UMR7654, Palaiseau, France	Dept. of Chemical Engineering, Indian Institute of Technology, Bombay, India	Design of proteins with tailored functions: constrained optimisation of protein structures using the library of local conformations obtained via geometric invariant based techniques and gaussian mixture modelling
	<b>Peiman,</b> Massomeh	Iranian	Dept. of Plant Biology and Forest Genetics, University of Uppsala, Sweden	Dept. of Plant Breeding, I.A. University, Qazvin, Iran	Unravelling key components in <i>Arabidopsis</i> – <i>Leptosphaeria</i> plant defence system
	<b>Komai,</b> Shoji	Japanese	UCL-WIBR, London, UK	Nara Institute of Science and Technology, Takayama, Ikoma, Japan	Functional analysis of Golgi cells in cerebellar neuronal circuits <i>in vivo</i>
	<b>Saito,</b> Tamao	Japanese	MRC-LMB, Cambridge, UK	Graduate School of Science, Hokkaido University, Sapporo, Japan	A novel hybrid type polyketide synthase and its products from <i>Dictyostelium</i>
	<b>Haj,</b> Fawaz George	Lebanese	EMBL, Heidelberg, Germany	Harvard University, Boston, USA	Imaging the regulation of protein tyrosine phosphatase inactivation by reactive oxygen species
	<b>Urbonavicius,</b> Jaunius	Lithuanian	Dept. of Chemistry, Ruprecht Karls University, Heidelberg, Germany	CNRS-LEBS, Gif-sur-Yvette, France	Influence of m <sup>2</sup> G10 modification on the formation of the alternative tRNA structures
	<b>Zago,</b> Maria	Mexican	Dept. of Cellular Biotechnologies and Hematology, University of Rome, Italy	UBC-DBMB, Vancouver, Canada	The role of L7Ae protein and L7Ae-associated ncRNAs in the regulation of gene expression in <i>Sulfolobus solfataricus</i>
	<b>Manori Dissanayake,</b> Sarala	New Zealander	EMBL-EBI, Hinxton, UK	Bioengineering Institute, University of Auckland, New Zealand	Visualisation of biological models
<b>Ojo,</b> Olabisi	Nigerian	QMUL, London, UK	Dept. of Microbiology, University College Cork, Ireland	Rapid phylogenetic analysis of <i>Mycobacterium tuberculosis</i> clinical isolates in Southern Ireland	

**EMBO | short-term fellowship awards 2006**

	name	nationality	host laboratory	home laboratory	research interest
<b>other nationalities</b> (cont.)	<b>Lazaroaie,</b> Mihaela	Romanian	Dept. of Structural and Functional biology, University of Naples, Italy	Center of Microbiology, Institute of Biology of the Romanian Academy, Bucharest, Romania	Cellular and molecular modifications induced by hydrocarbons
	<b>Kravchenko,</b> Olesya	Russian	Innsbruck Medical University, Innsbruck, Austria	Institute of Protein Research of RAS, Pushchino, Russia	Interaction of the archaeal ribosomal protein L10 with protein L12
	<b>Sabirova,</b> Julia	Russian	CNRS-UMR 2585, Thieveral-Grignon, France	Helmholtz Centre for Infection Research, Braunschweig, Germany	Regulation of bacterial alkane degradation by <i>Alcanivorax borkumensis</i> : exploring marked functional and structural similarities with the eukaryotic regulatory system employed by the alkane-degrading yeast <i>Yarrowia lipolytica</i>
	<b>Sharanov,</b> Yuri	Russian	MRC-LMB, Cambridge, UK	Lomonosov Moscow State University, Moscow, Russia	Structural studies of <i>S. cerevisiae</i> telomerase subunit Est3p
	<b>Vinogradova,</b> Elizaveta	Russian	IBMP, Strasburg, France	Dept. of Mycology and Algology, State University, Moscow, Russia	Use of <i>Chlamydomonas reinhardtii</i> as a model system to study the pathway of tRNA targeting into mitochondria
	<b>Cipak,</b> Lubos	Slovakian	University of Vienna, Austria	Cancer Institute of SAS, Bratislava, Slovakia	Identification and characterisation of novel protein kinases involved in meiosis
	<b>Maco,</b> Bohumil	Slovakian	Dept. of Life Sciences and the NIBN, The Ben-Gurion University, Beer-Sheva, Israel	M.E. Mueller Institute for Structural Biology, University of Basel, Switzerland	Localisation of the <i>Xenopus</i> nucleoporin Nup153 revealed by cryo-electron tomography
	<b>Park,</b> Yungki	South Korean	Dept. of Biochemistry and Biophysics, Stockholm University, Sweden	The University of the Saarland, Saarbrücken, Germany	Relationship between the integration affinities of transmembrane helices into the cell membrane and their subsequent local interactions
	<b>Rodpothong,</b> Patsarin	Thai	Dept. of Molecular Biology, University of Aarhus, Denmark	Dept. of Microbiology and Immunology, University of Otago, Dunedin, New Zealand	The importance of the LysM modules of NFR1 and NFR5 Nod-factor receptors during nodulation
	<b>Babenko,</b> Nataliya	Ukrainian	The Babraham Institute, Cambridge, UK	Institute of Biology, National University, Kharko, Ukraine	Lipid affinity proteomics during cellular senescence
<b>Boryskina,</b> Yelena	Ukrainian	CNRS, Rennes, France	Institute of Radiophysics and Electronics, Kharkov, Ukraine	Bridging the gap between pathologies, rheological properties of collagen and genetic mutations	
<b>Budkevich,</b> Tatyana	Ukrainian	Humboldt University, Berlin, Germany	Institute of Molecular Biology and Genetics, Kiev, Ukraine	Cryo-electron microscopic analysis of the ribosomal elongation cycle in a mammalian (rabbit liver) system	

## short-term fellowship awards 2006

	name	nationality	host laboratory	home laboratory	research interest
<b>other nationalities</b> <i>(cont.)</i>	<b>Ivakhno,</b> Sergii	Ukrainian	Biological Engineering Division, MIT, Cambridge, USA	Institute for Adaptive and Neural Computation, University of Edinburgh, UK	Probabilistic graphical modelling of signalling and transcriptional networks, application of graphical models for the analysis of signalling networks induced by tumour necrosis factor

## applications and awards 2000–2006

country from	applications	% of total	awards	% of total	success rate %
Austria	15	0.71	8	0.68	53
Belgium	41	1.93	26	2.22	63
Croatia	17	0.80	8	0.68	47
Czech Republic	48	2.26	27	2.31	56
Denmark	18	0.85	9	0.77	0
Estonia*	1	0.05	1	0.09	100
Finland	20	0.94	14	1.20	70
France	157	7.39	97	8.29	62
Germany	155	7.29	86	7.35	56
Greece	94	4.42	51	4.36	54
Hungary	51	2.40	32	2.74	63
Iceland	12	0.56	7	0.60	58
Ireland	20	0.94	11	0.94	55
Israel	92	4.33	61	5.21	66
Italy	327	15.39	166	14.19	51
The Netherlands	53	2.49	34	2.91	64
Norway	9	0.42	5	0.43	56
Poland	90	4.24	40	3.42	44
Portugal	41	1.93	23	1.97	56
Slovenia	24	1.13	12	1.03	50
Spain	328	15.44	182	15.56	56
Sweden	26	1.22	17	1.45	65
Switzerland	24	1.13	10	0.85	42
Turkey	52	2.45	20	1.71	39
United Kingdom	75	3.53	49	4.19	65
Eastern Europe	185	8.71	85	7.26	46
Others	150	7.06	89	7.61	59
<b>Total</b>	<b>2125</b>	<b>100</b>	<b>1170</b>	<b>100</b>	<b>55</b>

\* Estonia joined the EMBC in 2006

### applications and awards 1977–2006

year	applications	awards	success rate %
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
1979	344	243	71
1978	349	244	70
1977	294	213	72

applications

To	From																	Total											
	Austria	Belgium	Croatia	Czech Rep.	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	Ireland	Israel	Italy	Netherlands	Norway		Poland	Portugal	Slovenia	Spain	Sweden	Switzerland	Turkey	UK	Eastern Europe	USA/Canada	Others
Austria		1				1		1							1										1	2			7
Belgium							1								3			1	1							1			7
Croatia																													0
Czech Rep.																		1										3	4
Denmark								2								1					1						1	5	
Estonia																													0
Finland											1				1					1	1						1	5	
France	1		1				1	2	1	2					7			3			8			1	1	7	2	5	42
Germany	1		1			1	1		6	2	1	1	1	3	2			2	1		7	1		5	1	4	7	47	
Greece																								1					1
Hungary															1						1								2
Iceland																													0
Ireland																				1									1
Israel							1								1	1					1					2	1		7
Italy						1	1					1		1	2			1	2		3			1		2	3		18
Netherlands	1						2	1	1	2	1				4		1	1	1		4						1	3	23
Norway								1																			1	2	
Poland																													0
Portugal																													0
Slovenia			1																										1
Spain							1	1							4						1							2	9
Sweden				1				2	1					1	2			1	2		2			2				4	18
Switzerland							1					1		2	2					1	3			2	1	1	2		16
Turkey																													0
UK		2	1		1	1	5	10	3	3				3	14			9	2	1	18		1	3	2	6	1	10	96
EMBL				1			1	5	1					1	4									1			2		16
Eastern Europe																													0
USA/Canada		2		2			4	4	3				3	2	9	3		1	2		11			1	4	2	1		54
Others	2						1	1			1	1	1	3	1						1								12
<b>Total</b>	5	5	1	7	0	1	4	20	30	16	10	4	6	12	60	8	1	20	11	4	62	1	1	17	9	27	6	45	<b>393</b>



## short-term fellowships 2006: geographical distribution

To	From																						Total						
	Austria	Belgium	Croatia	Czech Rep.	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	Ireland	Israel	Italy	Netherlands	Norway	Poland	Portugal	Slovenia	Spain	Sweden		Switzerland	Turkey	UK	Eastern Europe	USA/Canada	Others
Austria	1					1		1																1	2			6	
Belgium							1								1			1										3	
Croatia																												0	
Czech Rep.																												0	
Denmark								2								1										1	4		
Estonia																												0	
Finland															1													1	
France				1			1	2		2	2	1			4			2			3			1	3	2	2	23	
Germany						1	1		2	2	1				1			1	1		3	1	4	1		3	22		
Greece																												0	
Hungary																												0	
Iceland																												0	
Ireland																												0	
Israel							1									1					1				1			4	
Italy							1				1			1					1		1				1	2	8		
Netherlands							1	1		1	1				1						2					1	1	9	
Norway								1																				1	
Poland																												0	
Portugal																												0	
Slovenia																												0	
Spain							1	1							2												1	5	
Sweden								1							2						1						2	6	
Switzerland							1								1	2					2		2		1	2	11		
Turkey																							2	1	3			0	
UK		1		1		1	4	5		1				1	4			5	1	1	12			2	1	3	5	48	
EMBL				1			1	3	1						2												2	9	
Eastern Europe																												0	
USA/Canada		1		2			1	3				1	1	5	1				1		5			3	1		1	26	
Others	1						1				1		1	3														7	
<b>Total</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>15</b>	<b>20</b>	<b>3</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>27</b>	<b>5</b>	<b>0</b>	<b>9</b>	<b>4</b>	<b>1</b>	<b>30</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>6</b>	<b>13</b>	<b>3</b>	<b>22</b>	<b>194</b>

awards

## EMBO young investigators 2006

name	nationality	institute	research interest
Barre, François-Xavier	French	CNRS-CGM, Gif-sur-Yvette, France	Cell division in bacteria
Ben-Yehuda, Sigal	Israeli	The Hebrew University, Jerusalem, Israel	DNA damage repair in sporulation
Boulton, Simon	British	CRU-CHL, South Mimms, UK	DNA damage response in <i>C. elegans</i>
Bumann, Dirk	German	Hanover Medical School, Hanover, Germany	Salmonella–host interactions
Cavaillé, Jérôme	French	University of Toulouse, France	Function of non-coding RNA
Costanzo, Vincenzo	Italian	CRU-CHL, South Mimms, UK	DNA damage response in <i>Xenopus laevis</i>
Fuks, François	Belgian	Free University of Brussels, Belgium	DNA methylation in mammals
Ivaska, Johanna	Finnish	Turku Centre for Biotechnology, Turku, Finland	Integrin traffic and signalling in cancer
Klaholz, Bruno	German	IGBMC, Strasburg, France	Complexes in gene expression
Marine, Jean-Christophe	Belgian	VIB, Gent, Belgium	Key modifiers of p53
Oxenius, Annette	Swiss	ETH-IMB, Zurich, Switzerland	Host–pathogen interactions
Pasero, Philippe	French	CNRS-IGH, Montpellier, France	Maintenance of genome integrity
Rescigno, Maria	Italian	IEO, Milan, Italy	Dendritic cells in infection and cancer
Rouse, John	Irish	MRC-PPU, University of Dundee, UK	Regulators of genome stability
Schübeler, Dirk	German	FMI, Basel, Switzerland	Dynamics and propagation of epigenetic states
Scorrano, Luca	Italian	Venetian Institute of Molecular Medicine, Padova, Italy	Mitochondria-shaping proteins
Sourjik, Victor	Belarus	ZMBH, University of Heidelberg, Germany	Bacterial chemotaxis
Stancheva, Irina	Russian/Bulgarian	WTCCB, University of Edinburgh, UK	Epigenetic silencing
Taipale, Jussi	Finnish	Biozentrum, University of Basel, Switzerland	Growth control and cancer
Tsiantis, Miltos	Greek/British	University of Oxford, UK	Comparative leaf development
Viola, Antonella	Italian	Venetian Institute of Molecular Medicine, Padova, Italy	T-cell activation

**EMBO installation grant recipients 2006**

<b>name</b>	<b>nationality</b>	<b>moving from</b>	<b>moving to</b>	<b>research interest</b>
Dziembowski, Andrzej	Polish	CNRS, Gif-sur-Yvette, France	Warsaw University, Warsaw, Poland	Proteins in RNA processing
Ginalski, Krzysztof	Polish	University of Texas, USA	Warsaw University, Warsaw, Poland	Computational protein classification
Gözüaçik, Devrim	Turkish	The Weizmann Institute of Science, Rehovot, Israel	Sabancı University, Istanbul, Turkey	Autophagic cell death
Kristjuhan, Arnold	Estonian	Cancer Research UK, London Research Institute, London, UK	University of Tartu, Estonia	Chromatin modification
Morais Cabral, João	Portuguese	Yale University, New Haven, USA	IBMC, Porto, Portugal	Structure of membrane proteins
Nowotny, Marcin	Polish	NIH, Bethesda, USA	IIMCB, Warsaw, Poland	Structure of DNA repair proteins
Özören, Nesrin	Turkish	University of Michigan, Ann Arbor, USA	Bogazici Univerasity, Istanbul, Turkey	Inflammosome activation
Silva-Santos, Bruno	Portuguese	King's College London, UK	IMM, Lisbon, Portugal	Tumour immunosurveillance
Svoboda, Petr	Czech	FMI, Basel, Switzerland	IMG, Prague, Czech Republic	mRNA stability in oocytes
Vlahoviček, Kristian	Croatian	ICGEB, Trieste, Italy	University of Zagreb, Croatia	Microbial metagenomics

## EMBO young investigators 2000–2005

**A** Adams, Ralf

Agami, Reuven  
 Allain, Frederic  
 Alon, Uri  
 Antonny, Bruno  
 Arber, Silvia  
 Arkowitz, Robert  
 Arribas, Joaquin  
 Ashe, Hilary  
 Averof, Michalis

**B** Barkai, Naama

Barr, Francis  
 Barral, Yves  
 Batista, Facundo  
 Baum, Buzz  
 Behrens, Axel  
 Beja, Oded  
 Bellaiche, Yohanns  
 Berger, Frederic  
 Bertolotti, Anne  
 Bertrand, Edouard  
 Blazquez, Miguel  
 Bochtler, Matthias  
 Boutros, Michael  
 Briscoe, James  
 Bujnicki, Janusz

**C** Casares, Fernando

Chin, Jason  
 Chiti, Fabrizio  
 Christoforidis, Savvas  
 Clausen, Tim  
 Collinson, Ian  
 Conradt, Barbara  
 Cosma, Maria Pia  
 Cramer, Patrick  
 Currie, Peter

**D** Davis, Daniel

de Gier, Jan-Willem  
 Del Pozo, Miguel  
 Delledonne, Massimo  
 Dessen, Andrea  
 Dickson, Barry  
 Dominguez, Maria  
 Donaldson, Anne  
 Dutzler, Raimund

**E** Einsle, Oliver

Elena, Santiago

**F** Fankhauser, Christian

Fernandez-Chacon, Rafael  
 Friml, Jiri

**G** Glotzer, Michael

Gönczy, Pierre  
 Gonzalez-Reyes, Acaimo

**H** Hajnal, Alex

Hassan, Bassem  
 Haucke, Volker  
 Helariutta, Ykä  
 Helms, Volkhard  
 Hidalgo, Alicia  
 Hirst, Judy  
 Holstege, Frank  
 Hopfner, Karl-Peter

**J** Jansen, Ralf

Jensen, Torben Heick

**K** Kaessmann, Henrik

Khakh, Baljit  
 Knoblich, Jürgen  
 Köhler, Claudia  
 Konieczny, Igor  
 Kunji, Edmund

**L** Labib, Karim

Längst, Gernot  
 Lappalainen, Pekka  
 Lecuit, Thomas  
 Lemaitre, Bruno  
 Levashina, Elena A.  
 Leys, David  
 Logan, Malcolm  
 Lohmann, Jan  
 Löwe, Jan  
 Lygerou, Zoi

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**M** Malnasi Csizmadia, Andras  
Mansuy, Isabelle  
Manzanares, Miguel  
Marin, Oscar  
Martin-Bermudo, Maria Dolores  
Mattevi, Andrea  
Mehlen, Patrick  
Meier, Pascal  
Mitchell, Kevin  
Møller, Simon Geir  
Mosialos, George  
Mota, Maria  
Musacchio, Andrea

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**N** Nagy, Laszlo  
Nehrbass, Ulf  
Neuhauss, Stephan  
Nichols, Benjamin  
Nissen, Poul  
Noselli, Stephane

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**O** Oldroyd, Giles  
Otzen, Daniel  
Owen, David  
Owen-Hughes, Tom

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**P** Palková, Zdena  
Palmer, Ruth  
Peeper, Daniel  
Pellizzoni, Livio  
Peracchi, Alessio

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Perrakis, Anastassis  
Peters, Jan-Michael  
Philpott, Dana  
Pierre, Philippe  
Pilpel, Yitzhak  
Poirazi, Panayiota  
Posas, Francesc

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**R** Radtke, Freddy  
Reich, Ziv  
Robinson, Robert  
Rodriguez, Ivan

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**S** Salecker, Iris  
Santos, Manuel  
Saudou, Frédéric  
Schärer, Orlando D.  
Schedl, Andreas  
Schleper, Christa  
Schlötterer, Christian  
Schneitz, Kay  
Schwappach, Blanche  
Spahn, Christian  
Spang, Anne  
Stock, Daniela  
Sträßer, Katja  
Strick, Terence  
Stumpf, Michael  
Suomalainen-Wartiovaara, Anu  
Szabó, Ildikó

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**T** Tamagnone, Luca  
Tanaka, Tomoyuki  
Tavernarakis, Nektarios  
Teichmann, Sarah  
Telford, Maximilian  
Therond, Pascal  
Trouche, Didier  
Trumpp, Andreas  
Tuschl, Thomas

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**U** Uhlmann, Frank  
Ulrich, Helle  
Ungermann, Christian

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**V** van Aalten, Daan  
Van den Ackerveken, Guido  
van der Goot, Gisou  
van Steensel, Bas  
Vinkemeier, Uwe  
Voinnet, Olivier

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**W** Wimmer, Ernst A.  
Wutz, Anton

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**Z** Zeeman, Samuel  
Zernicka-Goetz, Magdalena

applications and  
awards 2000–2006

country	2000		2001		2002		2003		2004		2005		2006	
	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
Belgium	8	0	2	0	3	0	2	1	1	0	3	0	6	2
Croatia	2	0	1	0	0	0	0	0	1	0	1	0	0	0
Czech Republic	2	0	0	1	6	0	14	0	4	0	2	0	2	0
Denmark	5	1	0	0	0	0	2	2	0	0	1	0	3	0
Estonia*													0	0
Finland	9	2	1	0	4	1	3	0	9	0	2	0	5	2
France	72	5	17	4	26	4	26	2	17	3	14	2	16	4
Germany	52	7	22	4	17	4	15	3	30	3	23	4	27	2
Greece	8	2	1	2	4	1	3	0	4	1	6	0	4	0
Hungary	2	1	1	0	6	0	7	1	5	0	1	0	3	0
Iceland	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Ireland	6	0	3	0	0	0	0	0	3	1	1	0	2	0
Israel	13	2	7	1	4	0	5	1	5	0	3	1	5	1
Italy	22	1	6	3	14	3	11	1	14	0	14	1	11	3
Netherlands	10	2	6	2	3	0	4	0	3	1	5	1	8	0
Norway	2	0	1	0	1	0	1	0	0	0	0	0	0	0
Poland	13	1	2	0	8	1	6	0	8	1	2	0	0	0
Portugal	9	1	6	1	2	0	2	1	3	0	4	0	2	0
Slovenia	3	0	0	0	0	0	0	0	1	0	2	0	1	0
Spain	40	4	26	1	18	2	26	2	21	1	17	1	16	0
Sweden	23	1	3	0	15	0	7	1	8	0	3	1	10	0
Switzerland	21	6	11	3	12	3	5	1	8	1	8	3	5	2
Turkey	8	0	1	0	2	0	2	0	1	0	0	0	0	0
United Kingdom	75	14	30	1	23	4	21	5	20	7	13	2	22	5
Others	1	0	0	0	0	0	0	0	3	0	0	0	1	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>
Female	94	13	44	4	45	4	47	7	39	4	32	2	32	6
Male	321	42	106	19	124	19	116	14	133	16	96	15	121	15

\* Estonia joined the EMBC in 2006

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	<b>average</b>	<b>general statistics for all young investigators upon selection 2000–2006</b>
age	34.8	
post-doctoral years	4.7	
total number of publications	21	
last-author publications	3.4	
first-author publications	9.3	

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	<b>no.</b>	<b>% of total</b>	<b>pre- and/or post-doctorate spent in USA</b>
USA	112	62.2	

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	<b>no.</b>	<b>% of total</b>	<b>post-doctoral fellowships received from international agencies</b>
EMBO	57	32.0	
HFSP	40	21.4	
EU TMR	21	12.0	

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<b>young investigator lectures 2006</b>	Meier, Pascal	International Workshop: Animal models in cell death signalling and cancer	AT – Tirol	25 – 29 January
	Bertrand, Edouard	SABBA: Regulation of gene expression	PT – Porto	17 February
	Del Pozo, Miguel	Keystone Symposium: Lipid rafts and cell function	US – Colorado	23 – 28 March
	Otzen, Daniel	EMBO-FEBS Workshop: Amyloid formation	IT – Florence	25 – 28 March
	Spang, Anne	University of Dundee: British Yeast Group Meeting 2006 (BYG 2006)	UK – Pitlochry	10 – 12 April
	Batista, Facundo	Gordon Research Conference (GRC): Fibronectin, integrins and related molecules	IT – Barga	22 – 27 April
	Trumpp, Andreas	EMBO Conference: Oncogenes and growth control	DE – Heidelberg	23 – 30 April
	Chiti, Fabrizio	Federation of American Societies for Experimental Biology (FASEB) Summer Conference: Amyloid fibril formation, protein misfolding and aggregation: Chemistry, physiology and disease	US – Colorado	10 – 15 June
	Del Pozo, Miguel	Gordon Research Conference (GRC): Basement membranes	IT – Barga	18 – 23 June
	Trouche, Didier	Federation of European Biochemical Societies (FEBS): Young Scientists Forum	TR – Istanbul	22 – 24 June
	Voinnet, Olivier	EMBO Workshop: Plant virology	FI – Haikko	1 – 5 July
	Clausen, Tim	Gordon Research Conference (GRC): Protein processing, trafficking and secretion	US – New Hampshire	9 – 14 July
	Voinnet, Olivier	Federation of European Societies of Plant Biology (FESPB): XV Congress	FR – Lyon	17 – 21 July



<b>young investigator lectures 2006</b>	Møller, Simon Geir	Gordon Research Conference (GRC): Mitochondria and chloroplasts	UK – Oxford	13–17 August
	Köhler, Claudia	International Association for Plant Tissue Culture and Biotechnology (IAPTC&B): International Congress of Plant Tissue Culture and Biotechnology	CN – Beijing	13–18 August
	Manzanares, Miguel	European Society for Evolutionary Developmental Biology (EED): First and founding Meeting	CZ – Prague	16–19 August
	Elena, Santiago	International Society for Microbial Ecology (ISME): 11th International Symposium on Microbial Ecology (ISME-11)	AT – Vienna	20–25 August
	Zeeman, Samuel	International Society for Plant Molecular Biology (ISPMB): 8th International Congress of Plant Molecular Biology	AU – Adelaide	20–25 August
	Teichmann, Sarah	EMBO-SNF (Swiss National Science Foundation) Symposium: The genomics of development	CH – Arolla	21–27 August
	Palmer, Ruth	FEBS-EMBO Workshop: Spatial and temporal regulation of signalling	NO – Oslo	21–24 September
	Elena, Santiago	The Samuel Roberts Noble Foundation: Virus Evolution 2006	US – Oklahoma	28 September – 1 October
	Uhlmann, Frank	Hellenic Society for Biochemistry and Molecular Biology (EEBMB): 57th Hellenic Biochemical Society Meeting	GR – Patras	9–11 November
	Batista, Facundo	IBC Life Sciences: 17th Annual International Conference on Antibody Engineering	US – San Diego	10–14 December
	Boutros, Michael	EMBO Workshop: Developmental mechanisms and disease models	IN – Kanpur	16–20 December
	Teichmann, Sarah	Government of India, Dept. of Biotechnology: International Conference in Bioinformatics (InCoB)	IN – New Delhi	18–20 December

<b>practical courses 2006</b> Europe (EMBC)	Chromatin immunoprecipitation	G. Reid, R. Metivier S. Denger, F. Gannon	DE–Heidelberg	27 February – 4 March
	Comparative genomics and SNP analysis using the Ensembl Genome Browser	L. Mullan	ES–Valencia	19–21 April
	Statistical methods for the identification of genes under natural selection	C. Schlotterer <i>et al.</i>	FI–Helsinki	15–19 May
	Structural characterisation of macromolecular complexes	C.W. Müller <i>et al.</i>	FR–Grenoble	15–20 May
	Molecular genetics with the fission yeast <i>Schizosaccharomyces pombe</i>	O. Nielsen	DK–Copenhagen	11–21 June
	Advanced techniques in molecular medicine	U. Landegren	SE–Uppsala	13–20 June
	Quantification of gene expression by qPCR	V. Benes	DE–Heidelberg	17–23 June
	Plant cell biology	A.M. Emons	NL–Wageningen	18–24 June
	The application of transient kinetics methods to biological macromolecules	M.A. Geeves	UK–Canterbury	18–24 June
	Electron microscopy and stereology in cell biology (Joint FEBS/EMBO Course)	N. Roos <i>et al.</i>	NO–Oslo	20–29 June
	Advanced analysis and informatics of microarray data	A. Brazma	UK–Hinxton	25 June – 1 July
	Microinjection and detection of probes in living cells	R. Pepperkok	DE–Heidelberg	25 June – 1 July
	Biomolecular simulation	M. Nilges	FR–Paris	28 June – 5 July
	Flow cytometry and cell sorting	A. Radbruch	DE–Berlin	16–21 July
Cryo-electron microscopy and 3-D image analysis	B. Böttcher	DE–Heidelberg	13–22 August	
Genome, transcriptome and miRNome analysis of single cells	A. Bosio	DE–Cologne	27 August – 1 September	

<b>practical courses 2006</b> Europe (EMBC) <i>cont.</i>	Multidimensional NMR in structural biology	C. Griesinger	IT – Il Ciocco	27 August – 1 September
	Development and evolution of animals and plants	C. Nüsslein-Volhard <i>et al.</i>	DE – Tübingen	28 August – 8 September
	Protein expression, purification and crystallisation (PEPC5)	P.A. Tucker	DE – Hamburg	28 August – 5 September
	Working with stem cells	P. Andrews	UK – Sheffield	30 August – 6 September
	Ubiquitin and SUMO	I. Dikic	HR – Split	5–11 September
	Anatomy and embryology of the mouse	A. Marusic	HR – Zagreb	9–17 September
	Molecular approaches to evolution and development in co-operation with ZONET (Marie Curie Research Training Network)	D. Arendt <i>et al.</i>	IT – Naples	11–22 September
	Bioinformatics for mass spectrometry in proteomics	P.A. Binz P. Palagi M.C. Blatter	CH – Geneva	18–22 September
	Molecular genetics of <i>Chlamydomonas</i>	J.D. Rochaix <i>et al.</i>	CH – Geneva	18–29 September
	Multi-photon imaging of living cells and tissues	A. Konnerth	DE – Munich	22–28 October
Solution scattering from biological macromolecules	D. Svergun	DE – Hamburg	23–30 October	
<b>practical courses 2006</b> outside Europe	Advanced methods in reconstructing molecular phylogenetic relationships	T.M. Embley	BR – Rio de Janeiro	13–19 March
	Proteins as cellular nanomachines: Molecular motors, channels & pumps (III. International Symposium on Myosin V)	L.C. Cameron	BR – Rio de Janeiro	8–19 May
	PROTEINS: Structure, dynamics and energetics	F. Gräter	CN – Shanghai	10–17 May

<b>practical courses 2006</b> outside Europe <i>cont.</i>	Advances in technologies for high resolution <i>in vivo</i> microscopy: From single molecule detection to functional studies	T.M. Jovin	AR–Buenos Aires	6–18 August
	Gene expression analysis in diagnostic medicine	W. Hennig	PH–Quezon City	18–27 September
	Genetic manipulation and RNA interference in African trypanosomes (Joint WHO-TDR/EMBO Course)	C. Clayton <i>et al.</i>	KE–Nairobi	27 November – 16 December
<b>lecture courses 2006</b> Europe (EMBC)	Molecular and cellular cognition	R. Brambilla	IT–Venice	1–6 July
	Molecular mechanisms of development	I. Kramer <i>et al.</i>	ES–Barcelona	2–7 July
	Molecular basis of bacterial virulence and survival within infected hosts and in the environment (Joint FEBS/FEMS/EMBO Course)	P. Cossart <i>et al.</i>	GR–Spetses	5–15 September
	Fundamentals of modern methods of biocrystallography (Joint FEBS/EMBO Course)	M.A. Carrondo	PT–Oeiras	6–13 October
<b>workshops 2006</b> Europe (EMBC)	Innate danger signals and HMGB1	M. Bianchi <i>et al.</i>	IT–Milan	8–11 February
	Transcriptional regulation in health and disease	J. Weitzman <i>et al.</i>	FR–Paris	6–8 March
	Homeodomain proteins, haematopoietic development and leukaemias (Joint SEMM/EMBO Workshop)	F. Blasi <i>et al.</i>	IT–Riva del Garda	23–25 March
	Structure, mechanism of formation and cellular effects of amyloid aggregates (Joint FEBS/EMBO Workshop)	F. Chiti <i>et al.</i>	IT–Florence	25–28 March
	The nucleolus: New perspectives	J.A. Hiscox <i>et al.</i>	UK–York	28–29 March

<b>workshops 2006</b> Europe (EMBC) <i>cont.</i>	NO: A radical in control. The biological diversity of nitric oxide metabolism and signalling (Joint 62nd Harden Conference/ EMBO Workshop)	V. O'Donnell <i>et al.</i>	UK – Cirencester	4–8 April
	Redox signalling in human disease and ageing	T. Galeotti <i>et al.</i>	IT – Rome	20–23 April
	Functional organisation of the cell nucleus	I. Raska <i>et al.</i>	CZ – Prague	4–6 May
	Signals and mechanics in directed cell migration	P. Rørth	DE – Heidelberg	18–20 May
	Evolutionary biology of <i>Caenorhabditis elegans</i> and closely related species	H. Teotónio	PT – Oeiras	23–27 May
	Principles of self-organisation in living matter	P. Bastiaens E. Karsenti	DE – Heidelberg	2–5 June
	Cell membrane organisation and dynamics	K. Simons <i>et al.</i>	ES – Bilbao	3–7 June
	Plant virology 2006: Suppression and circumvention of host defence by plant viruses	J. Valkonen	FI – Haikko	1–5 July
	The genomics of development	D. Duboule <i>et al.</i>	CH – Arolla	21–26 August
	Cell cycle and cytoskeletal elements in bacteria	A. Løbner-Olesen <i>et al.</i>	DK – Copenhagen	23–27 August
	Stemness: The bright and the dark side. Normal and cancer stem cells	G. Morrone	IT – Catanzaro	20–22 September
	Spatial and temporal regulation of signalling (Joint FEBS/EMBO Workshop)	K. Tasken	NO – Oslo	21–24 September
Hedgehog-Gli signalling in cancer and stem cells	A. Gulino	IT – Rome	30 September – 4 October	

<b>workshops 2006</b> Europe (EMBC) <i>cont.</i>	Systems biology meets chromatin function	D.A. Jackson	AT–Gosau	12–15 October
	Frontiers of molecular biology (EMBO Members Workshop)	P. Ingham	UK–Sheffield	13–16 October
	Cell migration, tissue invasion and disease	M.P. Stoppelli	IT–Capri	14–17 October
	Programming pancreatic $\beta$ -cells (Joint FEBS/EMBO Workshop)	J. Ferrer F.X. Real P. Herrera	ES–El Perello, Tarragona	18–22 October
	Systems dynamics of intracellular communication – overcoming distance in signalling networks (Joint FEBS/EMBO Workshop)	M. Fainzilber	IL–Ein Gedi	29 October – 2 November
<b>conference series 2006</b> Europe (EMBC)	Oncogenes and growth control	S. Cohen P. Rørth	DE–Heidelberg	26–30 April
	Recombination mechanisms and the maintenance of genome stability	S. West	FR–Seillac	15–19 May
	Molecular and developmental biology of <i>Drosophila</i>	T. Kaufman <i>et al.</i>	GR–Kolymbari, Crete	18–24 June
	The molecular and cellular basis of regeneration and tissue repair	B. Galliot <i>et al.</i>	CH–Ascona	10–15 September
	Macromolecular complexes in microbial pathogenesis, membrane trafficking & cell signalling	H. Stenmark <i>et al.</i>	ES–San Feliu de Guixols	23–28 September
	Protein transport systems: Protein targeting and translocation	J. Soll	PL–Gdansk	30 September – 5 October

<b>conferences 2006</b> Europe (EMBC)	Common molecular mechanisms of mammary gland development and breast cancer progression (Joint HBR/COST B20/EMBO Conference)	W.M. Gallagher	IE–Dublin	6–8 June
	Molecular and cell biology at Spetsai: Past, present and future – a forty year anniversary (Joint FEBS/EMBO Conference)	B.F.C. Clark	GR–Spetses	1–5 September
	Molecular microbiology: Dynamics, evolution and expression of prokaryotic genomes	A.J. Carpousis	DE–Heidelberg	18 September–2 October
<b>joint EMBO/ESF symposia 2006</b>	B cells cross the divide. From <i>in silico</i> to the whole person	T. Defrance	ES–San Feliu de Guixols	13–18 May
	Gene transcription in yeast	J. Mellor	ES–San Feliu de Guixols	24–29 June
	Bacterial networks: Joining the strengths of structural and systems biology to reach ‘synthetic’ biology	K.J. Hellingwerf	ES–San Feliu de Guixols	2–7 September
	Stem cells in tissue engineering: Isolation, culture, characterisation and applications	R.L. Reis	ES–San Feliu de Guixols	27 October – 1 November

<b>plenary lectures 2006</b> Europe (EMBC)	Vincent G.H. Eijsink	The 42nd Contact Meeting of the Norwegian Biochemical Society	NO–Storefjell	19–22 January
	Klaus-Armin Nave	XXI International Winter Meeting of the Swiss Society of Neuropathology: Growth and death in the nervous system	CH–St Moritz	22–26 March
	Harald Stenmark	UK Biochemical Society Annual Symposium: The cell biology of inositol lipids and phosphates	UK–Birmingham	29–31 March
	Ferenc Nagy	International Plant Photobiology Meeting	FR–Paris	24–28 April
	Rolf Kemler	Transcriptional Regulation and Cancer	TR–Ankara	3–5 May
	William T. Wickner	ASM-FEMS Conference on Protein Traffic in Prokaryotes	GR–Crete	6–12 May
	Aaron Ciechanover	FEBS Special Meeting: Molecular Signalling	HR–Dubrovnik	26 May–1 June
	David Baulcombe	3rd EPSO Conference: Plant Dynamics: From Molecules to Ecosystems	HU–Visegrad	28 May–1 June
	Stephen Cohen	IMBA MicroSymposium on Small RNAs	AT–Vienna	29–30 May
	Tim Hunt	3rd Drosopholia Cell Division Cycle Workshop	UK–London	14–18 June
	Fotis C. Kafatos	31st FEBS Congress: Molecules in Health & Disease	TR–Istanbul	24–29 June
	Aaron Ciechanover	2nd FEMS Congress of European Microbiologists (Integrating Microbial Knowledge in Human Life)	ES–Madrid	4–8 July
	Detlef Weigel	XVth Congress of FESPB 2006	FR–Lyon	17–21 July
	Raymond A. Dixon	7th European Nitrogen Fixation Conference	DK–Aarhus	22–26 July
	Michael D. Waterfield	BioScience 2006: Bioscience for the 21st century	UK–Glasgow	23–27 July
	Hendrik Stunnenberg	SPS Iceland 2006	IS–Reykjavik	11–13 August
Patricia Simpson	First meeting of the European Society for Evolutionary Developmental Biology	CZ–Prague	17–19 August	
Titia de Lange	Telomeres and Genome Stability 2006	CH–Villars-sur-Ollon	30 August–3 September	



<b>plenary lectures 2006</b> Europe (EMBC) <i>cont.</i>	Jonas Frisé	EuroStemCell International Conference Advances in Stem Cell Research	CH–Lausanne	8–10 September	
	Jan H.J. Hoeijmakers	5th European congress of Biogerontology	TR–Istanbul	16–20 September	
	George Coupland	8th FISV Meeting	IT–Riva del Garda	28 September – 1 October	
	René Bernards	3rd EMBL Biennial Symposium: From Functional Genomics to Systems Biology	DE–Heidelberg	14–17 October	
	Gunnar von Heijne	35th Annual Meeting of Danish Society for Biochemistry and Molecular Biology: Membrane Proteins: Structure and Function	DK–Fyn	30 October – 1 November	
	Hans Clevers	Molecular biology of Colorectal Cancer	DK–Copenhagen	23 November	
	Siv Andersson	8th International EMBL Ph.D. Student Symposium	DE–Heidelberg	30 November – 2 December	
	Mary Osborn	XV National Congress of Biochemistry	PT–Aveiro	8–10 December	
	<b>plenary lectures 2006</b> outside Europe	Nadia Rosenthal	The 6th Hunter Cellular Biology Meeting	AU–Hunter Valley	22–24 March
		Paul Nurse	JR McIntosh Symposium: The molecular basis of motility and mitosis	US–Colorado	23–24 June
Tim Hunt		QMB2006: 16th Annual Queenstown Molecular Biology Meeting “Molecular Biology of the Living Cell”	NZ–Queenstown	29 August – 1 September	
Raymond A. Dwek		2006 International Hepatitis B Virus Meeting	CD–Richmond	17–20 September	
Kurt Nordström		Plasmid Biology 2006	US–South Lake Tahoe	23–27 September	
Helen Saibil		First African Structural Biology Meeting	ZA–Cape Town	24–27 October	
Randy Schekman		XLII Annual Meeting of the Argentinian society for Biochemistry	AR–Rosario	12–15 November	
Richard Flavell		3rd Australian Health and Medical research congress (AH&MRC)	AU–Melbourne	26 November – 1 December	

participation of women in EMBO activities

EMBO membership	EMBO members	% women
2001	1092	12.9
2002	1126	13.1
2003	1162	13.3
2004	1191	13.7
2005	1223	13.8
2006	1261	13.9

EMBO courses & 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	43
	lecture courses	52	20

## participation of women in EMBO activities: statistics

<b>EMBO long-term fellowships</b>		<b>applications</b>	<b>awards</b>	<b>% success rate</b>
1996–2001	female applicants	1914 (40.8%)	347 (35.0%)	18.1
	male applicants	2772 (59.2%)	644 (65.0%)	23.2
	total	4686	991	21.1
2002	female applicants	347 (43.4%)	68 (40.5%)	19.5
	male applicants	453 (56.6%)	100 (59.5%)	22.1
	total	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
	total	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
	total	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
	total	1236	198	16.0
2006	female applicants	593 (48.1%)	87 (39.2%)	14.7
	male applicants	639 (51.9%)	135 (60.8%)	21.1
	total	1232	222	18.0
1996–2006	female applicants	4445 (43.7%)	720 (37.5%)	16.2
	male applicants	5726 (56.3%)	1198 (62.5%)	20.9
	total	10171	1918	18.9

<b>EMBO short-term fellowships</b>		<b>applications</b>	<b>awards</b>	<b>% success rate</b>
2001	female applicants	130 (55.7%)	70 (56.4%)	53.8
	male applicants	103 (44.2%)	54 (43.5%)	52.4
	total	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
	total	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
	total	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
	total	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
	total	383	200	52.2
2006	female applicants	203 (51.7%)	99 (51.0%)	48.7
	male applicants	190 (48.3%)	95 (49.0%)	50.0
	total	393	194	49.3
2001–2006	female applicants	971 (52.6%)	494 (50.7%)	50.9
	male applicants	875 (47.4%)	481 (49.3%)	55.0
	total	1846	975	52.8

## participation of women in EMBO activities: statistics

<b>EMBO young investigators</b>		<b>applications</b>	<b>awards</b>	<b>% success rate</b>
2000–2001	female applicants	138 (24.4%)	17 (21.8%)	12.3
	male applicants	427 (75.6%)	61 (78.2%)	14.3
	total	565	78	13.8
2002	female applicants	45 (26.8%)	4 (17.4%)	8.9
	male applicants	123 (73.2%)	19 (73.8%)	15.4
	total	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
	total	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
	total	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
	total	128	17	13.3
2006	female applicants	32 (20.9%)	6 (28.6%)	18.7
	male applicants	121 (79.1%)	15 (71.4%)	12.4
	total	153	21	13.7
2000–2006	female applicants	332 (24.6%)	40 (22.2%)	12.0
	male applicants	1017 (75.4%)	140 (77.8%)	13.7
	total	1349	180	13.3



**Eilish Craddock** (left),  
personal secretary to Frank Gannon  
and **Joan Winter**  
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‡ left EMBO in 2006 or prior to March 2007



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and assists with meetings.



**Seán Bourke**

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EVENTS

2007





<b>practical courses 2007</b> Europe/EMBC	pages 136–137
<b>practical courses 2007</b> outside Europe	page 137
<b>lecture courses 2007</b> Europe/EMBC	page 137
<b>workshops 2007</b> Europe/EMBC	pages 138–139
<b>workshops 2007</b> outside Europe	page 139
<b>conference series 2007</b>	pages 139–140
<b>EMBO-ESF symposia 2007</b>	page 140
<b>plenary lectures 2007</b> Europe/EMBC	page 141
<b>plenary lectures 2007</b> outside Europe	page 141
<b>other EMBO events 2007</b>	pages 142–143

<b>practical courses 2007</b> Europe (EMBC)	Mass Spectrometry and Proteomics	O. Nørregaard Jensen	DK–Odense	15–20 April
	High throughput microscopy for systems biology	J. Ellenberg	DE–Heidelberg	30 April–5 May
	RNAi	J. Taipale	DE–Heidelberg	6–12 June
	Tissue microarray construction and image analysis	W. Gallagher	IE–Dublin	11–15 June
	Light microscopy in living cells	N. Moreno	PT–Oeiras	14–22 June
	Microinjection and detection of probes in cells	R. Pepperkok	DE–Heidelberg	17–22 June
	Exploiting anomalous scattering in macromolecular structure determination	C. Mueller–Dieckmann	FR–Grenoble	18–22 June
	High–throughput Protein Production and Crystallisation	R. Owens	UK–Oxford	20–28 June
	Quantification of target sequences by qPCR	V. Benes	DE–Heidelberg	23–28 June
	Structure determination of biological macromolecules by solution NMR	S. Grzesiek	CH–Basel	6–13 July
	BioXAS on metalloproteins and organism tissue	W. Meyer–Klaucke	DE–Hamburg	10–15 July
	Animal models for development, physiology and disease	V. Cunliffe	UK–Sheffield	16–28 July
	Shotgun proteomics	J. Thomas	UK–York	23–26 July
	Current methods in cell biology	F. Nedelec	DE–Heidelberg	22–31 August
	SNP genotyping and genome-wide association	L. Peltonen	FI–Helsinki	27 August–1 September
Chromatin immunoprecipitation and related techniques	F. Gannon	DE–Heidelberg	2–8 September	
Identification and characterisation of protein complexes using the TAP method	B. Séraphin	DE–Heidelberg	Autumn	

<b>practical courses 2007</b> Europe (EMBC) <i>cont.</i>	Image processing for cryo electron microscopy	E. Orlova	UK–London	10–20 September
	Studying cytoskeletal dynamics: from biology to physics	M.-F. Carlier	FR–Gif-sur-Yvette	24 September–4 October
	Advanced analysis and informatics of microarray data	A. Brazma	UK–Hinxtton	15–20 October
	Combining x–ray and EM data in structure determination	J. Navaza	FR–Gif-sur-Yvette	28 October–3 November
<b>practical courses 2007</b> outside Europe	Bioinformatics and comparative genome analysis	F. Tekaia	TN–Tunis	18 March–7 April
	Molecular immunology of protozoan infections	J. Raats	AR–Buenos Aires	18–31 March
	Comparative Genomics	A. Dávila	BR–Rio de Janeiro	9–15 April
	Imaging in 3–D and the F–techniques	S. Ahmed	SG–Singapore	17–29 June
	Electron microscopy and stereology in cell biology	G. Griffiths	SG–Singapore	20–30 June
	DNA microarray	V. Prakash	IN–Tamilnadu	11–16 August
	Computational biology: From genomes to cells and ecosystems	J. Korbel	MX–Cancun	20–26 August
	Calcium and the cytoskeleton	J. Sotelo	UY–Montevideo	29 October–9 November
	Nanobiotechnology: from magnetic nanoparticles to cellular nanomachines	U. Aebi	BR–Ribeiro	7–14 October
	Advanced methods in reconstructing molecular phylogenetic relationships	M. Embley	BR–Rio de Janeiro	29 October–4 November
<b>lecture courses 2007</b> Europe (EMBC)	Cellular and molecular biology of membranes	A. Pugsley	FR–Cargese	18–29 June
	Molecular mechanisms in signal transduction and cancer	J. Bos	GR–Spetses	15–24 August

<b>workshops 2007</b> Europe (EMBC)	Protein and lipid sorting in the secretory pathway	S. Tooze	AT – Goldegg am See	9–14 January
	Pathogens and diseases meet the immune system	P. Pierre	FR – Marseille	11–13 January
	Viral RNA: structure, function and targeting	M. Sattler	DE – Heidelberg	5–7 March
	The role and control of GATA factors in tissue development and disease	R. Patient	IT – Capri	14–17 April
	The molecular biology and biochemistry of septins and septin function	Y. Barral	CH – Monte Verità	6–10 May
	Molecular biodiversity and DNA barcode	C. Saccone	IT – Rome	17–19 May
	Intrinsically unfolded proteins: biophysical characterisation and biological significance	P. Tompa	HU – Budapest	23–28 May
	Plant DNA repair and recombination	A. Levy	FR – Giens	31 May–3 June
	DNA supercoiling and topoisomerases	N. Dekker	FR – Frejus	17–22 June
	The chemistry and biochemistry of catalysis by biological systems	A. Schmidt	DE – Hamburg	20–22 June
	Intracellular RNA localisation and localised translation	A. Ephrussi	IT – Il Ciocco	1–7 July
	Model systems for infectious disease and cancer in zebrafish	H. Spaink	NL – Leiden	16–18 July
	EMBO Molecular Medicine Workshop: Drug action and chemical biology in the post-genomic era	G. Superti-Furga	AT – Vienna	23–26 August
New methods in membrane protein research	G. von Heijne	SE – Stockholm	24–26 August	

<b>workshops 2007</b> Europe (EMBC) <i>cont.</i>	RNA viruses: replication, evolution and drug design	K. Dijnovic	AT–Vienna	27–30 August
	Current challenges and problems in phylogenetics	V. Moulton	UK–Cambridge	3–7 September
	EMT in development and disease	K. Verschuere	PL–Krakow	10–12 September
	Endocytic systems: mechanism and function	H. Riezman	CH–Les Diablerets	18–23 September
	Common regulatory mechanisms in haemopoiesis and neurogenesis	D. Kioussis	DE–Heidelberg	3–5 October
	Molecular mechanisms of cell cycle control in normal and malignant cells	C.E. Sekeris	GR–Spetses	5–8 October
	<i>Escherichia coli</i> – facets of a versatile pathogen	J. Hacker	DE–Bad Staffelstein	9–12 October
	Mechanisms of nucleocytoplasmic transport	E. Hurt	IT–Sicily	27–31 October
Glycoscience and development	T. Merry	FR–Lille	9–12 December	
<b>workshops 2007</b> outside Europe	8th European meiosis meeting	M. Yamamoto	JP–Kanagawa	13–18 September
<b>conference series 2007</b> Europe (EMBC)	Pre mRNA processing and disease	F. Baralle	IT–Cortina d’Ampezzo	14–17 January
	Nuclear receptors: structure and function in health and disease	T. Perlmann	IT–Gardone	1–5 May
	From basic genomics to systems biology	D. Inzé	BE–Gent	2–4 May
	Chromatin and epigenetics	A. Akhtar	DE–Heidelberg	3–7 May
	Molecular and cellular mechanisms of immune regulation	P. Ricciardi-Castagnoli	IT–Sardinia	7–12 May
	Lymphocyte antigen receptor and coreceptor signaling	C. Baldari	IT–Siena	24–28 May
	Protein folding & chaperones in biology	U. Hartl	PT–Tomar	9–14 June

<b>conference series 2007</b> Europe (EMBC) <i>cont.</i>	Protein phosphatases in health and disease	E. Da Cruz Silva	PT–Aveiro	24–28 July
	Nuclear structure and dynamics	G. Cavalli	FR–Montpellier	1–5 September
	Protein synthesis and translational control	M. Hentze	DE–Heidelberg	12–16 September
	Ubiquitin and ubiquitin like modifiers	T. Sommer	IT–Riva del Garda	22–26 September
	The assembly and function of neuronal circuits	P. Caroni	CH–Ascona	23–28 September
	Stem cell biology	U. Lendahl	SE–Stockholm	12–14 October
	EMBO Members Workshop	H. Bujard	ES–Barcelona	26–29 October
	Genetics and mechanisms of susceptibility to infectious diseases	M. Yaniv	FR–Paris	21–24 November
<b>joint EMBO-ESF symposia 2007</b>	Biological surfaces and interfaces	M. Textor	ES–San Feliu de Guixols	1–6 July
	Biomagnetism and magnetic biosystems based on molecular recognition processes	J. Bland	ES–San Feliu de Guixols	22–27 September
	Comparative genomics of eukaryotic microorganisms	E. Louis	ES–San Feliu de Guixols	20–25 October
	Probing interactions between nanoparticles/biomaterials and biological systems – alternative approaches to bio-toxicity	K. Dawson	ES–San Feliu de Guixols	3–8 November
	Three dimensional sensory and motor space	J. Smeets	ES–San Feliu de Guixols	6–11 October

<b>plenary lectures 2007</b> Europe (EMBC)	Contact meeting of the Norwegian Biochemical Society	Erik Boye	NO–Lillehammer	1–4 February
	4th Int. Workshop on the Structural Biology of Small DNA Viruses	Paolo Amati	IT–Pontignano	11–16 May
	2007 Red Cell Gordon Conference	Jon Morrow	FR–Aussois	20–25 May
	15th Int. Course on Cytochromes P450	Damjana Rozman	SI–Bled	17–21 June
	32rd FEBS Congress 2007 Molecular Machines	Andrea Barta	AT–Vienna	7–12 July
	Life Sciences 2007	Sheila Alink-Brunsdon	UK–Glasgow	9–12 July
	2nd World Conference of Stress	Dirk Inzé	HU–Budapest	23–26 August
	5th ISABS Conference in Forensic Genetics and Molecular Anthropology	Damir Marjanovic	HR–Split	3–4 September
	10th Int. Colloquium on Endocytobiology and Symbiosis	Wolfgang Loeffelhardt	AT–Gmunden	10–13 September
	European Drosophila Research Conference (EDRC 2007)	Barry Dickson	AT–Vienna	12–14 September
	7th Meeting of Slovenian Biochemical Society (with int. participation)	Roman Jerala	SI–Maribor	26–29 September
	RNA Polymerase I Transcription	Gernot Laengst	DE–Regensburg	4–7 October
	<b>plenary lectures 2007</b> outside Europe	The Hunter Cellular Biology Meeting	David James	AU–Hunter Valley
The IXth Int. Meeting on Cholinesterases		Jean Massoulié	CN–Suzhou	6–10 May
Development Biology Gordon Conference		Steve Cohen	US–New Hampshire	24–29 June
14th Int. Symposium on Glycoconjugates		Paul Gleeson	AU–Cairns	15–20 July
19th Int. Plant Growth Substances Association Meetings		Gladys Cassab	MX–Puerto Vallarta	21–25 July
6th Int. Conference of Biological Physics		Raul Grigera	UY–Montevideo	23–30 August
16th Annual Queenstown Molecular Biology Meeting		John McCallum	NZ–Queenstown	28–31 August

<b>membership</b>	EMBO Members Workshop "Frontiers of Molecular Biology"	H. Bujard	ES–Barcelona	26–29 October
<b>fellowship programme</b>	EMBO Fellows Meeting	J. Taplick A. Visser-de Matteis	DE–Heidelberg (EMBL)	22–25 June
<b>science &amp; society programme</b>	6th International Workshop on Secondary School Biology Education "New biology for new curricula"	A. Moore A. Bendiscioli	DE–Heidelberg (EMBL)	17–19 May
	EMBO Media Workshop	A. Moore A. Bendiscioli	DE–Heidelberg (EMBL)	23 June
	FEBS-EMBO Science & Society Workshop "Aging of the Brain" (32nd FEBS Congress, "Molecular Machines")	A. Moore A. Bendiscioli	AT–Vienna	8 July
	Science & Society Special Session at the EMBO Members Workshop	A. Moore A. Bendiscioli	ES–Barcelona	28 October
	8th EMBO/EMBL joint conference on Science and Society, "The future of our species – Evolution, disease and sustainable development"	A. Moore A. Bendiscioli H. Stefánsson S. Helbing	DE–Heidelberg (EMBL)	2–3 November
<b>women in science</b>	SET-Routes Women in Science Conference, "The Way Forward"	G. Wallon A. Ledin	DE–Heidelberg	9–11 May



<b>young investigator programme</b>	Open Lab Management Course (Course I)	G. Wallon K. Krynauw	DE – Heidelberg	15–18 January
	Open Lab Management Course (Course II)	G. Wallon K. Krynauw	DE – Heidelberg	16–19 April
	Laboratory Management Courses for Fellows (Course I)	G. Wallon K. Krynauw	DE – Heidelberg	9–11 May
	Young Investigator Meeting	G. Wallon K. Krynauw	DE – Heidelberg	13–15 June
	Young Investigator Sectoral Meeting on Neurobiology	G. Wallon K. Krynauw	DE – Heidelberg	16 June
	Open Lab Management Course (Course III)	G. Wallon K. Krynauw	DE – Heidelberg	9–12 July
	EMBO/HHMI Central European Scientists Meeting	G. Wallon K. Krynauw	EE – Tallinn	14–16 September
	Young Investigator PhD Course	G. Wallon K. Krynauw	DE – Heidelberg	23–30 September
	Laboratory Management Courses for Fellows (Course II)	G. Wallon K. Krynauw	DE – Heidelberg	24–26 September
	Open Lab Management Course (Course IV)	G. Wallon K. Krynauw	DE – Heidelberg	8–11 October
	Laboratory Management Course Group Leadership II	G. Wallon K. Krynauw	DE – Heidelberg	15–17 October
	Open Lab Management Course (Course V)	G. Wallon K. Krynauw	DE – Heidelberg	5–8 November
	Laboratory Management Courses for Fellows (Course III)	G. Wallon K. Krynauw	DE – Heidelberg	12–14 November
	Laboratory Management Course Conflict Management	G. Wallon K. Krynauw	DE – Heidelberg	26–28 November

The following organisations are represented by their acronyms throughout this report:

ABI	Adolf Butenandt Institute (Adolf-Butenandt-Institut), Munich, Germany	CEA	Atomic Energy Commission (Commissariat à l'Énergie Atomique) Grenoble, France
AMC-DEI	Amsterdam Medical Center Department of Experimental Immunology University of Amsterdam (Academisch Medisch Centrum Universiteit van Amsterdam) The Netherlands	CERN	European Organization for Nuclear Research Geneva, Switzerland
AMOLF	Institute for Atomic and Molecular Physics ( Instituut voor Atoom- en Molecuulfysica) Amsterdam, The Netherlands	CIHR-IRCM	Canadian Institutes of Health Research (l'Institut de recherches cliniques de Montréal) Canada
BBSRC	Biotechnology and Biological Sciences Research Council Swindon, UK	CIML	Marseille Luminy Immunology Centre (Centre d'Immunologie de Marseille Luminy) France
BIOTEC	Biotechnological Centre of the Dresden University of Technology (Biotechnologisches Zentrum der Technischen Universität Dresden), Germany	CMU	University of Geneva Medical Centre (Centre Médical Universitaire, Université de Genève) Switzerland
BM:BWK	Federal Ministry for Education, Science and Culture (Bundesministerium für Bildung, Wissenschaft und Kultur) Vienna, Austria	CNB	Spanish National Biotechnology Centre (Centro Nacional de Biotecnología) Madrid, Spain
BMBF	Federal Ministry of Education and Research (Bundesministerium für Bildung und Forschung) Bonn, Germany	CNIO	Spanish National Cancer Centre (Centro Nacional de Investigaciones Oncológicas) Madrid, Spain
BTI	Boyce Thompson Institute for Plant Research Ithaca, USA	CNR-IBC	Italian National Research Centre Institute of Cell Biology (Consiglio Nazionale delle Ricerche Istituto di Biologia Cellulare) Rome, Italy
BUTE	Budapest University of Technology and Economics Budapest, Hungary	CNRS	French National Center for Scientific Research (Centre national de la recherche scientifique) France
CABIMER	Andalusian Molecular Biology and Regenerative Medicine Centre (Centro Andaluz de Biología Molecular y Medicina Regenerativa) Seville, Spain	CNRS-CGM	Centre of Molecular Genetics (Centre de Génétique Moléculaire) Gif-sur-Yvette, France
CBM-UAM	Centre of Molecular Biology, Autonomous University of Madrid (Centro de Biología Molecular Universidad Autónoma de Madrid) Spain	CNRS-CRBM	Macromolecular Biochemistry Research Center (Centre de Recherche de Biochimie Macromoléculaire) Montpellier, France
		CNRS-IGH	Institute of Human Genetics (Institut de Génétique Humaine) Montpellier, France

## organisations and acronyms

CRG	Center for Genomic Regulation (Centre de Regulacio Genomica) Barcelona, Spain	ETH-IBC	Swiss Federal Institute of Technology Zurich Institute of Biochemistry (Eidgenössische Technische Hochschule Zürich) Switzerland
CRU-CHL	Cancer Research UK, London Research Institute: Clare Hall Laboratories South Mimms, UK	EU TMR	European Union's Research Training Networks – Training and Mobility of Researchers (Europe-wide)
CRU-LIFL	Cancer Research UK, London Research Institute: Lincoln's Inn Fields Laboratories London, UK	FASEB	Federation of American Societies for Experimental Biology Bethesda, USA
CRU-TBL	Cancer Research UK, London Research Institute: Telomeres Biology Laboratory London, UK	FEBS	Federation of European Biochemical Societies (Europe-wide)
CSHL	Cold Spring Harbor Laboratory Cold Spring Harbor, USA	FESPB	Federation of European Societies of Plant Biology Heraklion, Greece
CSIC	Spanish National Research Council (Consejo Superior de Investigaciones Científicas) Spain	FIRC	Italian Cancer Research Foundation (Fondazione Italiana per la Ricerca sul Cancro) Milan, Italy
DKBW	Dept. of Clinical Biological Research University of Basel (Dept. Klinisch-Biologische Wissenschaften Universität Basel) Switzerland	FIUBA	Faculty of Engineering, University of Buenos Aires (Facultad de Ingeniería de la Universidad de Buenos Aires) Argentina
EEBMB	Hellenic Society for Biochemistry and Molecular Biology Patras, Greece	FMI	Friedrich Miescher Institute for Biomedical Research Basel, Switzerland
EED	European Society for Evolutionary Developmental Biology Leiden, The Netherlands	GRC	Gordon Research Conferences West Kingston, USA
ELSF	European Life Sciences Forum Heidelberg, Germany	GRICES	Office for International Relations in Science and Higher Education (Gabinete de Relações Internacionais da Ciência e do Ensino Superior) Lisbon, Portugal
ELSO	European Life Scientist Organization Sandhausen, Germany	GSF	National Research Center for Environment and Health (Forschungszentrum für Umwelt und Gesundheit) Neuherberg, Germany
EMBL	European Molecular Biology Laboratory (Europe-wide)	HFSP	Human Frontier Science Program Strasbourg, France
ERC	European Research Council Brussels, Belgium	HHMI	Howard Hughes Medical Institute USA
ESF	European Science Foundation Strasbourg, France	HINARI	Health InterNetwork Access to Research Initiative World Health Organization Geneva, Switzerland
ETH	Swiss Federal Institute of Technology Zurich (Eidgenössische Technische Hochschule Zürich) Switzerland	IAPTC&B	International Association for Plant Tissue Culture and Biotechnology Beijing, China

IBB-PAS	Institute of Biochemistry and Biophysics Polish Academy of Sciences Warsaw, Poland	IHEM- CONICET	Institute of Histology and Embryology Argentinian Centre of Science and Technology (Instituto de Histología y Embriología El Centro Regional de Investigaciones Científicas y Tecnológicas) Mendoza, Argentina
IBCMIP	Cellular and Molecular Immunobiology of Infectious Parasites Pierre and Marie Curie University (Immuno-Biologie Cellulaire et Moléculaire des Infections Parasitaires, Université Pierre et Marie Curie) Paris, France	IJM	Jacques Monod Institute (L'Institut Jacques-Monod) Paris, France
IBDM	Developmental Biology Institute of Marseille (Institut de Biologie du développement de Marseille) France	IMBA	Institute of Molecular Biotechnology of the Austrian Academy of Sciences (Institut für molekulare Biotechnologie der Österreichischen Akademie der Wissenschaften) Vienna, Austria
IBMC	Institute for Molecular and Cell Biology (Institut de Biologie Moléculaire et Cellulaire) Strasbourg, France	IMBB-FORTH	Institute of Molecular Biology & Biotechnology Heraklion, Greece
IBMP	Institute of Plant Molecular Biology (Institut de Biologie Moléculaire des Plantes) Strasbourg, France	IMCB	Institute of Molecular and Cellular Biosciences The University of Tokyo Japan
IBPC	Institute of Biology and Physical Chemistry (Institut de Biologie Physico-Chimique) Paris, France	IMCR	Institute of Molecular Cancer Research University of Zurich Switzerland
ICGEB	International Centre for Genetic Engineering and Biotechnology Trieste, Italy	IMG	Institute of Microbiology and Genetics Technical University of Darmstadt (Institut für Mikrobiologie und Genetik Technische Universität Darmstadt) Germany
ICL-DMB	Imperial College of London, Division of Molecular Biosciences London, UK	IMG	Institute of Molecular Genetics (Ústav molekulární genetiky AV CR) Prague, Czech Republic
ICT	Institute of Chemical Technology Prague (Vysoká škola Chemicko-Technologická v Praze) Prague, Czech Republic	IMM	Molecular Medicine Institute (Instituto de Medicina Molecular) Lisbon, Portugal
IEO	European Institute of Oncology (Istituto Europeo di Oncologia), Milan, Italy	IMP	Research Institute of Molecular Pathology (Forschungsinstitut für Molekulare Pathologie) Vienna, Austria
IFOM	FIRC Institute of Molecular Oncology (Istituto FIRC di oncologia molecolare) Milan, Italy	IMT	Institute for Molecular Biology and Tumour Research Philipps University (Institut für Molekularbiologie und Tumorforschung, Philipps-Universität Marburg) Germany
IGBMC	Institute of Genetics and Molecular and Cellular Biology (Institut de Génétique et de Biologie Moléculaire et Cellulaire) Illkirch, France		
IGUC-DCG	Institute for Genetics of the University of Cologne Department of Cell Genetics Cologne, Germany		

## organisations and acronyms

InCoB	International Conference in Bioinformatics Department of Biotechnology, Government of India New Delhi, India	LBMMS	Laboratory for Biological and Medical Mass Spectrometry Uppsala, Sweden
INSERM	French National Institute for Health and Medical Research (Institut national de la santé et de la recherche médicale) France	LCGTI	The Lautenberg Center for General and Tumour Immunology The Hebrew University Hadassah Medical School Jerusalem, Israel
IPBO	Plant Biotechnology Institute for Developing Countries Gent University (Instituut voor Plantenbiotechnologie voor Ontwikkelingslanden) Gent, Belgium	LICR	Ludwig Institute for Cancer Research (international)
IRCC	Institute for Cancer Research and Treatment Torino, Italy	LMU	Ludwig Maximilian University (Ludwig-Maximilians-Universität) Munich, Germany
IRIBHM	Institute of Interdisciplinary Research in Human and Molecular Biology Brussels, Belgium	LNCIB	National Laboratory, Interuniversity of Biotechnology (Laboratorio Nazionale, Consorzio Interuniversitario Biotechnologie) Trieste, Italy
ISE	Initiative for Science in Europe Heidelberg, Germany	LPCMP	Laboratory of Cellular and Molecular Plant Physiology (Laboratoire de Physiologie Cellulaire et Moléculaire des Plantes) Ivry-sur-Seine, France
ISIS-ULP	Institute of Supermolecular Science and Engineering Louis Pasteur University (Institut de Science et d'Ingénierie Supramoléculaires, Université Louis Pasteur) Strasbourg, France	LRI	Cancer Research UK, London Research Institute London, UK
ISME	International Society for Microbial Ecology Vienna, Austria	LSRC-SCBCT	Lund Strategic Research Center for Stem Cell Biology and Cell Therapy Lund, Sweden
ISPMB	International Society for Plant Molecular Biology Athens, USA	LU-DCMP	Division for Cellular and Molecular Pharmacology Department of Experimental Medical Science Lund University (Cellulär och molekylär farmakologi Lunds Universitet) Lund, Sweden
ISV	Plant Science Institute (Institut des Sciences du Végétal – UPR 2355) Gif-sur-Yvette, France	LVMS	Laboratory of molecular and structural virology (Laboratoire de virologie moléculaire et structurale) Gif-sur-Yvette, France
IWR	Interdisciplinary Center for Scientific Computing of the Ruprecht Karls University of Heidelberg (Interdisziplinäres Zentrum für Wissenschaftliches Rechnen der Ruprecht-Karls-Universität Heidelberg) Germany	MEC	Ministry of Education and Science (Ministerio de Educación y Ciencia) Madrid, Spain
KTH	Royal Institute of Technology (Kungliga Tekniska högskolan) Stockholm, Sweden	MIT	Massachusetts Institute of Technology Cambridge, USA
LBI-CR	Ludwig Boltzmann Institute for Cancer Research (Ludwig Boltzmann Institut für Krebsforschung) Vienna, Austria	MPI	Max Planck Institute (Max-Planck-Institut) Germany

## organisations and acronyms

MPI-CBG	Max Planck Institute of Molecular Cell Biology and Genetics (Max-Planck-Institut für molekulare Zellbiologie und Genetik) Dresden, Germany	SIBS-HHMI	Salk Institute for Biological Studies, Howard Hughes Medical Institute La Jolla, USA
MRC	Medical Research Council United Kingdom	SNF	Swiss National Science Foundation (Schweizerische Nationalfonds) Bern, Switzerland
MRC-LMB	Medical Research Council Laboratory of Molecular Biology Cambridge, UK	UAB-DBMB	Autonomous University of Barcelona Department of Biochemistry and Molecular Biology (Universitat Autònoma de Barcelona) Bellaterra, Spain
MSSM	Mount Sinai School of Medicine New York, USA	UCB	University of California Berkeley, USA
MTA	Hungarian Academy of Sciences (Magyar Tudományos Akadémia) Budapest, Hungary	UCLA	University of California Los Angeles USA
NCMLS	Nijmegen Centre for Molecular Life Sciences Nijmegen, The Netherlands	UCSF	University of California San Francisco, USA
NIMR	National Institute for Medical Research London, United Kingdom	UG-FM	University of Geneva, Faculty of Medicine Geneva, Switzerland
NIOB	Netherlands Institute for Developmental Biology – The Hubrecht Laboratory (Nederlands Instituut voor Ontwikkeling Biologie – Het Hubrecht Laboratorium) Utrecht, The Netherlands	UHIB	University of Helsinki, Institute of Biotechnology (Helsingin Yliopisto, Biotekniikan instituutti) Helsinki, Finland
NKI-AVL	The Netherlands Cancer Institute – Antoni van Leeuwenhoek Hospital (Het Nederlands Kanker Instituut – Antoni van Leeuwenhoek Ziekenhuis) Amsterdam, The Netherlands	UMC	University Medical Center Utrecht The Netherlands
NLGB	National Laboratory of Genomics for Biodiversity Center for Research and Advanced Studies of the National Polytechnic Institute Irapuato, Mexico	UMC St Radboud	Radboud University Medical Centre (UMC St Radboud) Nijmegen, The Netherlands
NPG	Nature Publishing Group London, UK	UMC-DEO	University Medical Center Utrecht Division of Experimental Oncology Institute for Developmental Biology and Oncology Utrecht, The Netherlands
NPHI	National Public Health Institute Helsinki, Finland	UNIL	University of Lausanne (Université de Lausanne) Switzerland
PICR	Paterson Institute for Cancer Research Manchester, UK	UNIL-CIG	University of Lausanne Center for Integrative Genomics (Université de Lausanne Faculté de biologie et de médecine) Lausanne, Switzerland
SBC	Stockholm Bioinformatics Center Stockholm University Stockholm, Sweden		

UO-UL	University of Lausanne (Unité d'Oculogénétique Université de Lausanne) Switzerland	WIMM	The Weatherall Institute of Molecular Medicine University of Oxford John Radcliffe Hospital Oxford, UK
UoD- DBCMM	University of Dundee Division of Biological Chemistry and Molecular Microbiology Dundee, UK	WMCCU	Weill Medical College of Cornell University Ithaca, USA
UPMC	Pierre and Marie Curie University (Université Pierre et Marie Curie) Paris, France	WTCCB	Wellcome Trust Centre for Cell Biology University of Edinburgh, UK
USD-DBMB	University of Southern Denmark Department of Biochemistry and Molecular Biology (Syddansk Universitet) Odense, Denmark	WWU	Westphalian Wilhelm University Institute for Zoology (Westfälischen-Wilhelms Universität Institut für Zoologie) Muenster, Germany
VIB	Flanders Interuniversity Institute for Biotechnology (Vlaams Interuniversitair Instituut voor Biotechnologie) Gent, Belgium	ZMBH	Centre for Molecular Biology University of Heidelberg (Zentrum für Molekulare Biologie der Universität Heidelberg) Germany
WEHI	The Walter and Eliza Hall Institute of Medical Research Melbourne, Australia	ZMBP	Center for Plant Molecular Biology University of Tuebingen (Zentrum für Molekularbiologie der Pflanzen Universität Tübingen) Germany
WHO	World Health Organization Geneva, Switzerland		









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**print**

M+M Druck GmbH  
Heidelberg, Germany

# 2007

← OUTLOOK



<b>EMBO Executive Director</b>	Executive Director, <i>Frank Gannon</i> , leaves EMBO to take up the directorship of Science Foundation Ireland (SFI).
<b>EMBO Fellowships for clinicians</b>	EMBO will launch a special short-term fellowship scheme to promote collaboration between clinicians and basic researchers.
<b>SET-Routes Women in Science Conference</b>	"The Way Forward" will discuss concrete ways of improving prospects for women in science. 9–11 May, Heidelberg, DE
<b>EMBO Members Meeting</b>	The 2007 meeting will introduce the EMBO Members elected in 2006. 26–29 October, Barcelona, ES
<b>EMBO/EMBL Joint Conference on Science &amp; Society</b>	EMBO will organise the 2007 conference on "The future of our species – Evolution, disease and sustainable development." 2–3 November, Heidelberg, DE
<b>The EMBO Journal special issue</b>	<i>The EMBO Journal</i> will publish a special issue on quality control in biological processes.
<b>EMBO reports special issue</b>	<i>EMBO reports</i> will publish a Science & Society special issue on "Genes, brain/mind and behaviour".
<b>Molecular Systems Biology</b>	<i>Molecular Systems Biology</i> will publish a reprint collection on systems medicine, start publishing biannual archival print copies and launch its own online blog, "The Seven Stones".
<b>Training in professional skills</b>	Existing EMBO training in professional skills (e.g. laboratory management courses and media training) will be consolidated into an integrated training activity.
<b>First Young Investigator Programme Sectoral Meeting</b>	This new annual initiative will bring together scientists from the young investigator network to discuss different research sectors. The 2007 meeting will focus on neurobiology. 16 June, Heidelberg, DE

## promoting excellence in the molecular life sciences