

promoting excellence in the molecular life sciences



HIGHLIGHTS 2010



the
EMBO
meeting

BARCELONA
4-7 September 2010



EMBO
Molecular Medicine

EMBO Long-Term Fellowships	Second co-funding grant proposal accepted by the European Commission
New EMBO Members & Young Investigators	EMBO elects 63 new members (pages 22–27), selects 21 Young Investigators (page 76) and 7 Installation Grantees (page 82).
EMBO Gold Medal	Synthetic biologist <i>Jason W. Chin</i> awarded the 2010 Gold Medal (page 95).
EMBO Courses & Workshops	Inaugural EMBO EMBL Symposia
EMBO Global Exchange	Lecture Series by <i>Satyajit Mayor</i> in Taiwan and Germany/the Netherlands; Lecture Courses in India and Tunisia; and a Life Science Research in India meeting.
FEBS EMBO Women in Science Award	Geneticist <i>Ingrid Grummt</i> wins FEBS EMBO Women in Science Award.
Joint EMBL EMBO Science & Society Conference	Record number of participants at 11th annual conference on <i>The Difference between the Sexes – From Biology to Behaviour</i> .
<i>The EMBO Meeting 2010</i>	Second EMBO life science conference in Barcelona attracts 1300 attendees, providing an annual European forum for scientific exchange (page 7).
<i>The EMBO Journal</i>	Focus issue <i>Spatial organization of signalling</i> .
<i>EMBO reports</i>	Science & Society series on <i>Food and Science</i> .
<i>Molecular Systems Biology</i>	Workshop on deep sequencing at <i>The EMBO Meeting</i> ; three web focuses on signalling, metabolic networks and evolution.
<i>EMBO Molecular Medicine</i>	Recognized as best new journal in Science, Technology and Medicine by the American Publishers Awards; <i>Stefanie Dimmeler</i> appointed as academic chief editor.

EMBO

facts & figures 2010

The European Molecular Biology Organization (EMBO) promotes excellence in molecular life sciences in Europe by recognizing and fostering talented scientists.

Since 1964, leading scientists are elected annually to become EMBO Members based on proven excellence in research. Members number almost 1500 today. Fifty-five scientists from the EMBO membership have received the Nobel Prize.

EMBO funding, training and networking activities attract thousands of scientists every year, promoting collaboration in all areas of molecular biology.

Four peer-reviewed journals span a broad spectrum of topics of molecular biology and reflect how science is shaping the world.

The European Molecular Biology Conference (EMBC), founded in 1969, is the inter-governmental funding body for EMBO comprising 27 member states including most of the European Union and some of the neighbouring countries.

Both EMBO and EMBC are driven by a common commitment to quality research at the European level. Their joint activities are characterized by quality and encouragement of co-operation within the scientific community.



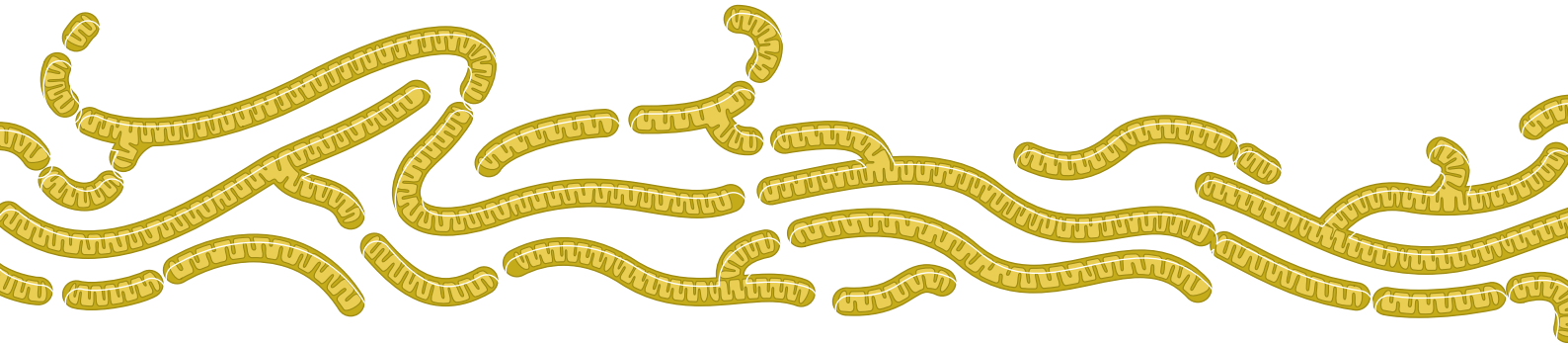


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Maria Leptin

EMBO Director

2010 began a new Indicative Scheme and a tighter budget than we would have liked, but careful and responsible financial management allowed us to add value to individual programmes. While contributions from the EMBC Member States make up the majority of our total annual budget and fund the EMBC General Programme executed by EMBO, additional publications-derived income supplements the programme budgets and allows EMBO to pilot activities to benefit the scientific community.

In my preface I can only detail some of the achievements in 2010. The tables that follow outline the facts and figures of each programme and activity. EMBO Members are, of course, the organization's greatest asset. Sixty-three scientists from 14 countries elected in 2010 bring total membership to 1465 worldwide. The objective and unbiased guidance we receive from members to execute the EMBC General Programme and all our activities differentiates EMBO from many other organizations. We must encourage not only scientists but also

preface

At the end of my first year at EMBO I am pleased to report on the continued high demand for the numerous EMBO activities that train young researchers and further scientific exchange. Outstanding researchers joined the EMBO community; new initiatives began to strengthen scientific ties outside Europe; and the organization took the first steps to take a more proactive role in the science policy arena.

policy-makers and politicians to recognize and make use of EMBO membership as a resource for their own initiatives – as is already happening in the recruitment of the evaluation panels of the ERC. As we begin to shift the former focus of creating dialogue between science and society to one of playing a bigger role at a policy level through the *EMBO Science Policy Programme*, members will be invited to contribute on key issues within the programme's scope of analyzing and influencing European research policy for the benefit of science.

The younger sectors of our community have also grown. Twenty-nine new EMBO Young Investigators and Installation Grantees were selected last year, joining the strong network of young scientists that is beginning to feed into the EMBO membership, largely due to the excellent science of these researchers but also to the mentoring and increased visibility the network affords them. Fifty-three Young Investigators have been elected as full EMBO Members to date, a number that will surely rise in future years.

EMBO Long-Term Fellowships received a record number of 1668 applications in 2010 from postdoctoral researchers planning to move country. In total, 275 fellowships were awarded – a seven per cent increase from 2009 due to co-funding from the European Commission to complement the majority EMBC financing. A second application for co-funding was approved, enabling further the dissemination of knowledge and talent through researcher mobility. Another highlight of 2010 was the sign up of more than 60 per cent of the 2010 awardees to the newly introduced pension scheme for EMBO Fellows. EMBO is the first European organization to introduce a pension scheme following the call in the *European Charter for Researchers* (2005).

The *EMBO Courses and Workshops Programme* – the mainstay of the organization’s efforts to further scientific training and exchange – funded 82 events during 2010. The option for Conference Series, whereby an organizer may apply for multiple rounds of support over a series of years has been taken up avidly. With a defined programme budget and applications for practical courses and workshops continuing at equal quality and quantity, it becomes difficult to choose between funding the second and third renewal of a highly successful conference and the excellent and original new conference proposals – a wealth of offers that highlights a genuine community need.

With more than 1300 participants at our second conference, *The EMBO Meeting 2010* in Barcelona, this annual life science event is becoming a forum that equally presents the latest cutting-edge science to Europeans and the best of European science to the world. Additional funding from EMBC for the early years of this annual event is most appreciated. Most of the EMBC Member States were represented in the participant list while, significantly, one quarter came from outside Europe, meaning that the conference is ideal for promotion of the excellent research opportunities here.

The first year of *EMBO/EMBL Symposia* saw three events held in the EMBL Advanced Training Centre in Heidelberg, with attendance growing beyond 400 participants for the third symposium. Each symposium highlights future directions in the life sciences and delivers the latest research in the field covered.

To remain strong, EMBO must adapt to and evolve within the international life sciences environment. Connections beyond European confines can be nurtured by the expertise and experience of our scientists – and their institutes – who

are interested in strong interactions globally. To this end, the EMBC approved the renewal and extension of a cooperation agreement with South Africa and the initiation of a similar agreement with Singapore.

The *EMBO Global Exchange Programme* will establish high-level scientific interactions with scientists in countries in which life sciences research is evolving towards global competitiveness. Short-term help to selected partner countries will have a large long-term payback, not only in the partner countries but also in Europe. Some may consider that Europe will not reap benefits from such activities. I disagree: not only will awareness of EMBO and our philosophy spread, it will also establish European laboratories as preferred partners for future scientific collaborations and exchange of researchers.

In the first year of operation, *EMBO Global Exchange* courses and lecture series were organized in Taiwan, Tunisia and India. A satellite workshop at *The EMBO Meeting* in Barcelona and a lecture tour of EMBO Members of Indian research institutions laid the foundations for intensive interactions with the Indian science ministry.

I invite you to peruse the facts and figures of 2010 for each of the EMBO programmes, activities and publications. The EMBO calendar for 2011 is already brimming with opportunities for scientific training and exchange and for the promotion of European life science research. I look forward to reporting outcomes over the course of the year and again at year-end.



EMBO actions 2010

→ EMBO OFFICERS & COUNCIL 2010

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EMBO SECRETARY GENERAL

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CHAIR

Andrea Ballabio

Maria Blasco

Patrick Charnay

Pascale Cossart

Carl-Henrik Heldin

Ari Helenius

Daniel Louvard

Ferenc Nagy

Richard Treisman

Daniela Rhodes

Benny Shilo

David Shore

VICE-CHAIR

Veronica van Heyningen

Detlef Weigel

→ See page 19 for a complete list of the 2011 EMBO Council

The EMBO Council met in April and in October 2010. Major decisions are listed below along with other important

EMBO actions not described elsewhere in this report.

Council and membership elections

■ *Daniela Rhodes* was elected as Chair of the EMBO Council for 2011, *David Shore* was re-elected as Vice-Chair of EMBO Council for 2011. *Anton Berns* was re-elected as Secretary General of EMBO for 2011.

■ *Veronica van Heyningen* and *Ferenc Nagy* were re-elected to Council by the membership for the period 2011–2013. *Geneviève Almouzni*, *Mart Saarma* and *Dimitris Thanos* were newly elected for the same period.

■ Forty-nine EMBO Members and 14 EMBO Associate Members were elected in the 2010 membership election. More information is listed on pages 22–27.

Financial matters

■ The EMBO Council unanimously approved the accounts for 2009 and the budget for EMBO activities for 2011. This funding comes from income generated by EMBO publications and supplements the EMBC financing of the *EMBO Fellowship, Young Investigator, Courses & Workshops* and *Science & Society Programmes*. It is also used to pilot EMBO activities that are not part of the EMBC General Programme.

■ Since 2009 the EMBO and EMBC accounts have been audited by KPMG (Switzerland). This is in addition to the standard auditing as done by a national audit court from one of the EMBC Member States.

EMBO programmes

■ Council approved a change in focus of the former *Science & Society Programme* and renamed it *EMBO Science Policy Programme*.

EMBO actions 2010

Cooperation

■ The EMBO Council suggested three candidates and one reserve for each of four scientific areas to represent EMBO on the EMBL Scientific Advisory Committee (SAC). *Naama Barkai, Denis Duboule, Andrea Musacchio* and *Michael Snyder* were selected.

■ EMBO and EMBL held three joint *EMBO/EMBL Symposia* in the new EMBL Advanced Training Centre (ATC) in 2010. Another three joint symposia are planned for 2011.

■ The EMBO Council agreed to negotiate a cooperation agreement with Singapore.

Other EMBO activities

Awards

■ *Jason W. Chin* from the MRC, LMB in Cambridge (UK) won the 2010 EMBO Gold Medal in recognition of his pioneering work on reprogramming the genetic code (see page 96).

Meetings

■ *The EMBO Meeting 2010* was held in Barcelona from 4 to 7 September, continuing the tradition of an annual life sciences conference in Europe started by the former European Life Scientist Organisation (ELSO).

■ New EMBO Members in 2009 were welcomed to the organization during the *EMBO Members' Workshop* held from 27 to 29 October in Heidelberg.

■ The EMBO Director and EMBO managers were engaged in a variety of other meetings and collaborations – in particular with the Federation of European Biochemical Societies (FEBS), the European Science Foundation (ESF) and the various programmes of the European Commission (EC).

■ EMBO continues to participate in the activities and meetings of the European Life Sciences Forum (ELSF) and the Initiative for Science in Europe (ISE).

→ EMBO COMMITTEE CHAIRS 2010

David Sherratt

EMBO Membership Committee

Jürgen Knoblich

EMBO Fellowship Committee

Bill Earnshaw

EMBO Course Committee

Michael Bevan

EMBO Young Investigator Committee

Wendy Bickmore

EMBO Science & Society Committee

Maria Leptin

The EMBO Meeting Committee

Benny Shilo

EMBO Global Exchange Committee

Reinhard Jahn

EMBO Publications Advisory Board

→ See page 21 for a complete list of the 2011 Committee members.

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EMBC actions 2010

→ EMBC OFFICERS 2010

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Leszek Kaczmarek POLAND
Claudio Sunkel PORTUGAL
VICE-PRESIDENTS

Krešimir Pavelić CROATIA
SECRETARY GENERAL

Jeannette Ridder-Numan NETHERLANDS
Finance Committee CHAIR

Frédéric Dardel FRANCE
Finance Committee VICE-CHAIR

→ STRATEGIC WORKING PARTY 2010

Ahmet Ademoğlu TURKEY

Frédéric Dardel FRANCE

Josiane Entringer LUXEMBOURG

Jan Grapentin GERMANY

Kalervo Hiltunen FINLAND

Leszek Kaczmarek POLAND

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M. Angela Nieto SPAIN

Mark Palmer UNITED KINGDOM

Krešimir Pavelić CROATIA

Jeannette Ridder-Numan NETHERLANDS

Glauco Tocchini-Valentini ITALY

→ See pages 12 – 16 for a list of
all EMBC Delegates

EMBC Delegates met in two formal sessions in 2010 (June and November) in Heidelberg. The EMBC Finance Committee and the EMBC Strategic Working

Party also met in June; the decisions and actions resulting from these meetings are listed below.

Financial matters

- EMBC accepted the accounts for 2009 and noted the reports of the external and internal auditors.
- The budget for 2011 was approved.

EMBC decisions and actions

- At the November meeting, EMBC heard a detailed report from EMBO on the delivery of the EMBC General Programme.
- The EMBC Special Project supporting *Strategic Development Installation Grants* (known as EMBO Installation Grants) received 34 applications. Six scientists were selected to receive funding from the participating member states as of 2011.
- Bulgaria's application for EMBC membership was rejected.
- EMBC agreed to renew its cooperation agreement with the Republic of South Africa and to negotiate a cooperation agreement with Singapore.

Election of Officers for 2011

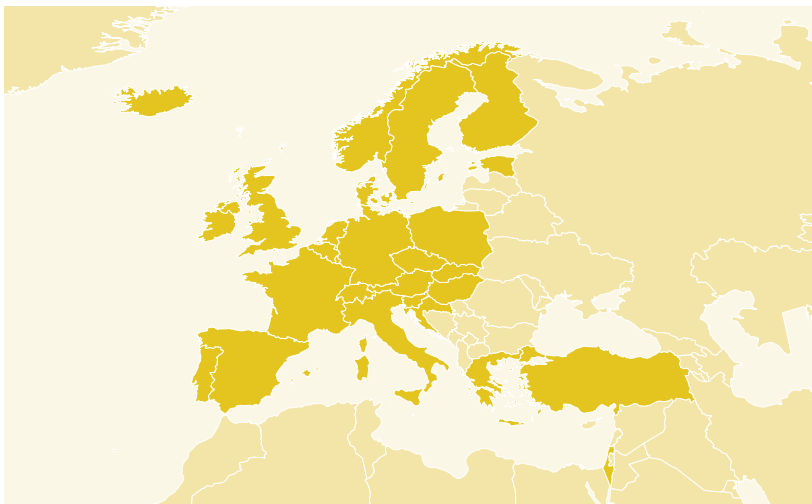
- *Toivo Maimets* (Estonia) was re-elected President of EMBC for 2011. *Leszek Kaczmarek* (Poland) was re-elected Vice-President and *M. Angela Nieto* (Spain) was elected Vice-President for a first term.
- *Krešimir Pavelić* (Croatia) was re-appointed EMBC Secretary General for 2011.

→ EMBC MEMBER STATES

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

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

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



→ FINANCE COMMITTEE

PERMANENT MEMBERS

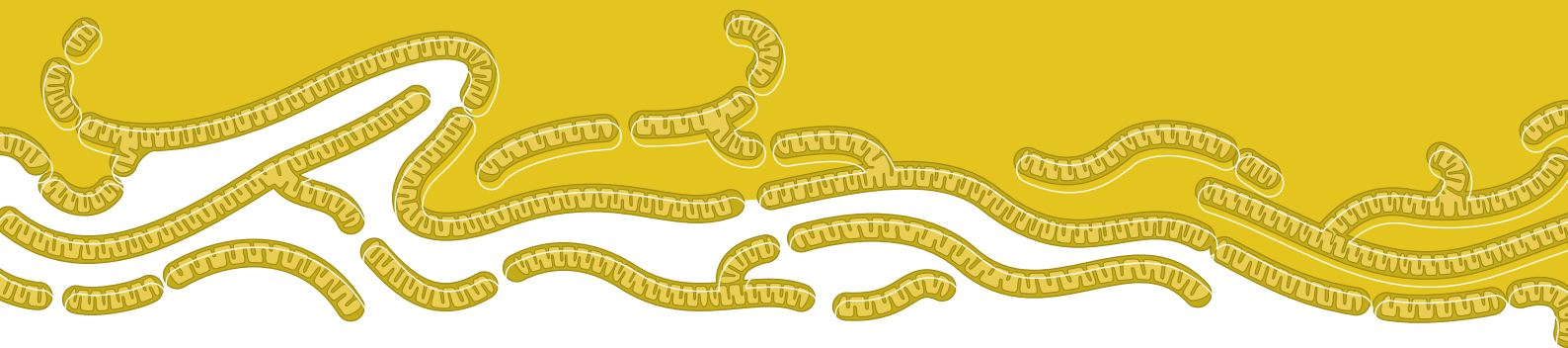
France
Germany
Italy
Spain
United Kingdom

ELECTED MEMBERS

Finland
Greece
Ireland
Netherlands
Poland
Portugal
Sweden

→ For the scale of contributions by the individual EMBC Member States, see page 17

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facts & figures 2010

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EMBC Delegates & Advisers

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A President, two Vice Presidents and a Secretary General lead the EMBC, the intergovernmental funding body of EMBO. The governments of the member states nominate EMBC Delegates. Typically each member state appoints one delegate from a relevant ministry and one scientific adviser. EMBC Delegates meet every six months in an ordinary session and each member state has one vote.

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EMBC Member State	2010 % of total contributions	2011 % of total contributions
Austria	2.00	1.99
Belgium	2.49	2.48
Croatia	0.25	0.25
Czech Republic	0.74	0.74
Denmark	1.61	1.60
Estonia	0.10	0.10
Finland	1.28	1.27
France	14.76	14.72
Germany	19.12	19.09
Greece	1.69	1.69
Hungary	0.62	0.62
Iceland	0.09	0.09
Ireland	1.15	1.15
Israel	0.90	0.90
Italy	11.68	11.66
Luxembourg	0.16	0.24
Netherlands	4.33	4.32
Norway	2.02	2.02
Poland	1.93	1.93
Portugal	1.11	1.11
Slovak Republic	0.19	0.29
Slovenia	0.22	0.22
Spain	7.31	7.30
Sweden	2.49	2.49
Switzerland	2.81	2.81
Turkey	2.83	2.82
United Kingdom	16.12	16.09
Total	100.00	100.00

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2010

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EMBO Council members	Elected term(s) of office	Name	Country – Town
	2009–2011	Andrea Ballabio	IT–Naples
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	2010	Veronica van Heyningen	UK–Edinburgh

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	Anton Berns	EMBO Secretary General

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	Iain Mattaj	EMBL Director General
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	Michael W. Bevan	CHAIR EMBO Young Investigator Committee
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Name	Institute	Research interest
Anna Akhmanova	Erasmus Medical Center Rotterdam, Netherlands	Microtubule cytoskeleton and vesicular traffic
Judith Patricia Armitage	University of Oxford United Kingdom	Sensory networks regulating bacterial behaviour
Jürg Bähler	University College London United Kingdom	Genome regulation in fission yeast
Yves Barral	Swiss Federal Institute of Technology (ETH) Zurich Switzerland	Mechanisms of asymmetric cell division in yeast
Michael Bate	University of Cambridge United Kingdom	Development of neuromuscular networks
Roland Beckmann	Ludwig Maximilian University of Munich Germany	Structural analysis of protein biosynthesis
Michel Bornens	Institut Curie Paris, France	Cell division cycle and cell polarity
Nick Brown	The Gurdon Institute & University of Cambridge United Kingdom	Molecular mechanisms of morphogenesis
Keith Caldecott	University of Sussex United Kingdom	Molecular mechanisms of DNA strand break repair
Jason W. Chin	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Reprogramming the genetic code
Tim Clausen	Institute of Molecular Pathology (IMP) Vienna, Austria	Molecular mechanisms of protein quality control

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Gideon J. Davies	University of York United Kingdom	Structural enzymology of carbohydrate-active enzymes
Ilan Davis	University of Oxford United Kingdom	mRNA localisation in oocytes and neurons
Stefanie Dimmeler	Goethe University Frankfurt am Main, Germany	Vascular biology and disease
Patrik Ernfors	Karolinska Institute Stockholm, Sweden	Stem cell self-renewal and sensory lineage diversification
Marie-Anne Felix	CNRS & Ecole Normale Supérieure Paris, France	Evolution of <i>C. elegans</i> development and ecology
Dominique Ferrandon	IBMC Strasbourg, France	Host–pathogen interactions in <i>Drosophila</i>
Jiří Friml	VIB/Gent University Belgium	Cell polarity and trafficking in plant development
Rudolf Glockshuber	Swiss Federal Institute of Technology (ETH) Zurich Switzerland	Protein folding and assembly
Keith Gull	University of Oxford United Kingdom	Microtubule cytoskeleton and flagella of trypanosomes
Douglas Hanahan	The Swiss Institute for Experimental Cancer Research (ISREC), Lausanne, Switzerland	Mechanisms and therapeutic targeting of cancer
Michael Häusser	University College London United Kingdom	Computation in single neurons and neural circuits
Karl-Peter Hopfner	Ludwig Maximilian University of Munich Germany	Mechanisms of DNA repair and innate immunity
Laurent Keller	University of Lausanne Switzerland	Evolution of social behaviour in ants

EMBO Members elected in 2010

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Karim Labib	Paterson Institute for Cancer Research Manchester, United Kingdom	Chromosome replication and cytokinesis in yeast
Ernest Laue	University of Cambridge United Kingdom	NMR analysis in structural biology
Thomas Laux	University of Freiburg Germany	Cell fate regulation in plant development
Elena A. Levashina	IBMC, Strasbourg France	Immune responses in malaria mosquitos
Carlos López-Otín	University of Oviedo Spain	Functional analysis of proteases in life and disease
Zachary F. Mainen	Gulbenkian Science Institute Oeira, Portugal	Systems neuroscience
Andreas Radbruch	German Rheumatism Research Center Berlin Germany	Immunological memory in immunity and immunopathology
Freddy Radtke	The Swiss Institute for Experimental Cancer Research (ISREC), Lausanne, Switzerland	Molecular mechanisms of stem cells and cancer
Nikolaus Rajewsky	Max Delbrück Center for Molecular Medicine Berlin, Germany	Systems biology of gene regulatory elements
Erez Raz	Center for Molecular Biology of Inflammation – ZMBE Münster, Germany	Germ-cell development and migration in zebrafish
Carol Robinson	University of Oxford United Kingdom	Mass spectrometry of dynamic protein complexes
Giampietro Schiavo	Cancer Research UK London Research Institute United Kingdom	Axonal transport of neurotrophins and pathogens
Ton N.M. Schumacher	Netherlands Cancer Institute Amsterdam, Netherlands	Dissection and manipulation of T cell immunity
Irmgard Sinning	University of Heidelberg Germany	Protein targeting and membrane protein biogenesis

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Name	Institute	Research interest
Holger Stark	Max Planck Institute for Biophysical Chemistry Göttingen, Germany	3D structure determination by cryo-EM
Michel O. Steinmetz	Paul Scherrer Institute Villigen, Switzerland	Proteins regulating the microtubule cytoskeleton
Sharon Tooze	Cancer Research UK London Research Institute United Kingdom	Molecular insights into mammalian autophagy
Miltos Tsiantis	University of Oxford United Kingdom	Comparative plant development
Malcolm White	University of St Andrews United Kingdom	The molecular biology of archaea
Kenneth H. Wolfe	Trinity College Dublin Ireland	Genome evolution in yeast species
John Wood	University College London United Kingdom	Genetic approaches to pain mechanisms
Arturo Zychlinsky	Max Planck Institute for Infection Biology Berlin, Germany	Initiation and resolution of infectious diseases

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Scientists who have made outstanding contributions to the molecular life sciences, and reside in countries other than the member states, are nominated and elected annually by the membership. EMBO Associate Members total 105.

EMBO Associate Members elected in 2010

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Shizuo Akira	Osaka University Japan	Pathogen recognition and signalling pathways in innate immunity
Elizabeth H. Blackburn	University of California, San Francisco United States	Telomeres and telomerase
Roger J. Davis	HHMI, University of Massachusetts Medical School Worcester, United States	Role of inflammation in cancer and diabetes
Andrew Z. Fire	Stanford University School of Medicine United States	Cellular response to genetic change
Jeffrey Friedman	HHMI, Rockefeller University New York, United States	Molecular studies of food intake and body weight
Elaine Fuchs	HHMI, Rockefeller University New York, United States	Skin stem cells in morphogenesis and cancer
Michael R. Green	HHMI, University of Massachusetts Medical School Worcester, United States	Eukaryotic gene regulation and cancer biology
Thomas M. Jessell	HHMI, Columbia University New York, United States	Neurons and networks of spinal motor control
Robert Martienssen	Cold Spring Harbor Laboratory United States	Epigenetic mechanisms in gene regulation and development
Thomas D. Pollard	Yale University New Haven, United States	Mechanisms of cellular motility and cytokinesis
Clifford Tabin	Harvard Medical School Boston, United States	The development and evolution of morphology

EMBO Associate Members elected in 2010

Name	Institute	Research interest
Robert A. Weinberg	Whitehead Institute for Biomedical Research MIT Department of Biology Cambridge, United States	Epithelial – mesenchymal transition and the stem-cell state
Chi-Huey Wong	Academia Sinica Taipei Taiwan, Province of China	Chemical biology and carbohydrate-based drug discovery
Shinya Yamanaka	CiRA, Kyoto University Japan	Understanding of cellular reprogramming

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EMBO Scientific Publications

Molecular Systems Biology

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EMBO Scientific Publications

EMBO Molecular Medicine

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EMBO Fellowships

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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.

Jan Taplick
Programme Manager

EMBO Long-Term Fellowships →→

EMBO Long-Term Fellowships: Statistics

Applications and awards 1977–2010

Year	Applications	Awards	Success rate %
2010	1668	275	16
2009	1332	258	19
2008	1218	215	18
2007	1288	212	16
2006	1232	222	18
2005	1236	198	16
2004	1137	163	14
2003	1080	164	15
2002	790	178	22
2001	645	147	23
2000	707	155	22
1999	830	170	20
1998	790	144	18
1997	831	185	22
1996	898	160	18
1995	877	147	17
1994	806	176	22
1993	739	199	27
1992	626	142	23
1991	571	139	24
1990	526	123	23
1989	460	118	26
1988	455	141	31

Year	Applications	Awards	Success rate %
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: Statistics

Applications and awards 2000–2010

Country from	Applications	% of total	Awards	% of total	Success rate %
Austria	168	1.36	52	2.38	31
Belgium	190	1.54	35	1.60	18
Croatia	64	0.52	14	0.64	22
Czech Republic	109	0.88	18	0.82	17
Denmark	86	0.70	18	0.82	21
Estonia	6	0.05	0	0.00	0
Finland	130	1.05	25	1.14	19
France	2304	18.68	379	17.33	16
Germany	1353	10.97	357	16.32	26
Greece	262	2.12	56	2.56	21
Hungary	155	1.26	25	1.14	16
Iceland	16	0.13	2	0.09	13
Ireland	119	0.96	15	0.69	13
Israel	660	5.35	131	5.99	20
Italy	841	6.82	121	5.53	14
Luxembourg	1	0.01	1	0.05	100
The Netherlands	426	3.45	107	4.89	25
Norway	22	0.18	3	0.14	14
Poland	197	1.60	31	1.42	16
Portugal	245	1.99	61	2.79	25
Slovak Republic	15	0.12	3	0.14	20
Slovenia	37	0.30	2	0.09	5
Spain	1524	12.36	178	8.14	12
Sweden	460	3.73	65	2.97	14
Switzerland	197	1.60	57	2.61	29
Turkey	91	0.74	12	0.55	13
United Kingdom	564	4.57	84	3.84	15
Eastern Europe	289	2.34	29	1.33	10
USA/Canada	508	4.12	107	4.89	21
Others	1294	10.49	199	9.10	15
Total	12333	100	2187	100	18

EMBO Long-Term Fellowships awarded in 2010 | EMBC Member States' nationals

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Baubec, Tuncay	Austrian	Friedrich Miescher Institute, Basel, Switzerland	Schübeler, Dirk	Gregor Mendel Institute, Vienna, Austria	Comprehensive and functional analysis of methyl-CpG-binding domain (MBD) protein localisation <i>in vivo</i>
Labi, Verena	Austrian	Harvard Medical School, Boston, United States	Rajewsky, Klaus	Innsbruck Medical University, Austria	Dissecting the interaction of miR-17-92 with oncogenic signalling networks in B lymphomagenesis
Meissl, Katrin	Austrian	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Peeper, Daniel	University of Vienna, Austria	Identification and functional characterisation of tumour suppressor genes <i>in vitro</i> and <i>in vivo</i>
Huysmans, Gerard	Belgian	Pasteur Institute, Paris, France	Pugsley, Anthony	University of Leeds, United Kingdom	Folding and assembly of the outer membrane component PuD of the type II secretion pathway of <i>Klebsiella oxytoca</i>
Murchison, Elizabeth	British	Wellcome Trust Sanger Institute, Cambridge, United Kingdom	Stratton, Michael	Cold Spring Harbor Laboratory, United States	Evolution of clonally transmissible cancers in dogs and Tasmanian devils
Wilson, Christopher	British	Imperial College London, Ascot, United Kingdom	Barraclough, Timothy	Cornell University, Ithaca, United States	Pathogenesis and the evolution of sex: The genetics of immunity in an anciently asexual invertebrate
Briggs, Adrian	British	Harvard Medical School, Boston, United States	Church, George	Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany	Understanding and accelerating mammalian genome modification with single stranded oligonucleotides
Routh, Andrew	British	The Scripps Research Institute, La Jolla, United States	Johnson, John	MRC Laboratory of Molecular Biology, Cambridge, United Kingdom	Structural characterisation of early- intermediates in the cellular entry of non-enveloped viruses
Gold, Vicki	British	Max Planck Institute of Biophysics, Frankfurt am Main, Germany	Kühlbrandt, Werner	School of Biochemistry, Bristol, United Kingdom	Determination of the supramolecular organisation of mitochondrial import sites <i>in situ</i>
Stevens, Naomi	British	Sloan-Kettering Institute, New York, United States	Zallen, Jennifer	University of Oxford, United Kingdom	Elucidating the function of RhoL GTPase in the establishment of epithelial cell polarity
Mallam, Anna	British	University of Texas at Austin, United States	Lambowitz, Alan	St John's College, Cambridge, United Kingdom	RNA-duplex strand separation by RNA chaperones at near-atomic resolution
Leaver, Mark	British	Max Planck Institute for Cell Biology and Genetics, Dresden, Germany	Hyman, Anthony	The Sir William Dunn School of Pathology, United Kingdom	Adaptation to temperature changes in the nematodes <i>Caenorhabditis elegans</i> and <i>Caenorhabditis briggsae</i>
Zeqiraj, Elton	British	Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto, Canada	Sicheri, Frank	University of Dundee, United Kingdom	A structural and biochemical approach to understand the molecular mechanism of glycogen synthesis

EMBO Long-Term Fellowships awarded in 2010 | EMBC Member States' nationals

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Henstridge, Christopher	British	Hungarian Academy of Sciences, Budapest, Hungary	Katona, Istvan	University of Dundee, United Kingdom	Unraveling the neurophysiological significance of the orphan receptor GPR35
Vadas, Oscar	British	MRC Laboratory of Molecular Biology, Cambridge, United Kingdom	Williams, Roger	University of Geneva, Switzerland	Structural and functional characterisation of class I phosphoinositide 3-kinase beta regulation
Branch, Richard	British	Harvard University, Cambridge, United States	Berg, Howard	University of Oxford, United Kingdom	Investigating allosteric cooperativity in the bacterial switch complex
Yalcin, Binnaz	British	Cochin Institute, Paris, France	Chelly, Jamel	Wellcome Trust Centre for Human Genetics, Oxford, United Kingdom	Genetic basis of cognitive disorders
Zafirova, Biljana	Croatian	Pasteur Institute, Paris, France	Albert, Matthew	University of Rijeka, Croatia	Role of plasmacytoid dendritic cells in the orchestration of <i>in vivo</i> immune responses
Amulic, Borko	Croatian	Max Planck Institute for Infection Biology, Berlin, Germany	Zychlinsky, Arturo	Weill Cornell University, New York, United States	Neutrophil extracellular traps in pathogenesis of severe malaria
Tonnesen, Jan	Danish	University of Bordeaux, France	Nagerl, Valentin	Wallenberg Neuroscience Center, Lund, Sweden	Nanoscale photoactivation and imaging of synaptic spine dynamics
Bunnik, Evelien	Dutch	University of California, Riverside, United States	Le Roch, Karine	Academic Medical Center, Amsterdam, The Netherlands	Role of DNA methylation in regulation of gene transcription in <i>Plasmodium falciparum</i>
Paridaen, Judith	Dutch	Max Planck Institute for Cell Biology and Genetics, Dresden, Germany	Huttner, Wieland B.	Hubrecht Institute, Utrecht, The Netherlands	The role of the primary cilium in neural progenitors during development of the mammalian neocortex
Verweij, Marieke	Dutch	Orgeon Health and Science University, Portland, United States	Frueh, Klaus	Leiden University Medical Center, The Netherlands	Unmasking the masters of evasion: Immune escape by varicello viruses
Peperzak, Victor	Dutch	Walter and Eliza Hall Institute, Parkville Victoria, Australia	Tarlinton, David	Netherlands Cancer Institute, Amsterdam, The Netherlands	The role of Mcl-1 in plasma cell maintenance
Van Der Wijst, Jenny	Dutch	University of Dundee, College of Life Sciences, United Kingdom	Alessi, Dario	Radboud University, Nijmegen, The Netherlands	Regulation and function of the TRPM6 Mg ²⁺ channel-protein kinase
Bemer, Marian	Dutch	Institute of Plant Biology, University of Zurich, Switzerland	Grossniklaus, Ueli	Radboud University, Nijmegen, The Netherlands	Function of the FIS-PRC2 complex in <i>Arabidopsis</i> embryo development
Le Sage, Carlos	Dutch	Gurdon Institute, Cambridge, United Kingdom	Jackson, Steve	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Deubiquitylase activity profiles and changes influencing the cell cycle and the DNA damage response

EMBO Long-Term Fellowships awarded in 2010 | EMBC Member States' nationals

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Van Heijst, Jeroen	Dutch	Memorial Sloan-Kettering Cancer Center, New York, United States	Pamer, Eric	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Elucidating the interplay of monocytes and CD4 T cells in the defence against <i>Mycobacterium tuberculosis</i>
Kedde, Martijn	Dutch	NYU School of Medicine, New York, United States	Schneider, Robert J.	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Regulation of the ionizing radiation-induced inflammatory response by AUF1 and associated proteins
Jongerius, Ilse	Dutch	Imperial College London, United Kingdom	Tang, Christoph M	University Medical Center Utrecht, The Netherlands	Complement mediated interaction of <i>Neisseria meningitidis</i> with epithelial cells
Mommersteeg, Mathilda	Dutch	University College London, United Kingdom	Parnavelas, John	University of Amsterdam, The Netherlands	Unraveling the role of Robo-Slit signaling in the development of the cardiac conduction system and its appropriate nervous innervation
Van Zanten, Martijn	Dutch	Max Planck Institute for Plant Breeding Research, Cologne, Germany	Soppe, Wim J.	Utrecht University, The Netherlands	The role of epigenetic modifications in the control of embryo and seed development, seed maturation and germination in <i>Arabidopsis thaliana</i>
De Vries, Sjoerd	Dutch	Technical University Munich, Germany	Zacharias, Martin	Utrecht University, The Netherlands	A multidisciplinary approach for the computational assembly of large molecular machines from electron density maps
Kornet, Noortje	Dutch	University of Freiburg, Germany	Laux, Thomas	Utrecht University, The Netherlands	Transcriptional profiling of the columella stem cell system and cellular differentiation dynamics in the <i>Arabidopsis</i> root
Miettinen, Markus	Finnish	University of Potsdam, Germany	Ignatova, Zoya	Aalto University, School of Science and Technology, Helsinki, Finland	Initial stages of polyglutamine aggregation: combining experimental and simulational techniques to unravel molecular structures in unprecedented detail
Nieminen, Kaisa	Finnish	University of Lausanne, Switzerland	Hardtke, Christian	University of Helsinki, Finland	Hormonal and genetic regulation of xylem expansion in <i>Arabidopsis</i>
Kilpinen, Helena	Finnish	University of Geneva, Switzerland	Dermitzakis, Emmanouil	Wellcome Trust Sanger Institute, Cambridge, United Kingdom	Impact of histone modifications on genome-wide gene expression phenotypes
Eymery, Angeline	French	Friedrich Miescher Institute, Basel, Switzerland	Peters, Antoine	Albert Bonniot Institute, Grenoble, France	Dissecting the role of H3K9 histone methyltransferase in pre-implantation embryogenesis
Genevet, Alice	French	University of Geneva, Switzerland	González-Gaitán, Marcos	Cancer Research UK, London, United Kingdom	Biophysical study of the coupling between cell proliferation and morphogen gradients
Britton, Sebastien	French	Cancer Research UK, Cambridge, United Kingdom	Jackson, Stephen P.	CNRS-University, Toulouse, France	Roles for molecular chaperones in the detection, signalling and repair of DNA double-strand breaks
Jaglin, Xavier	French	NYU School of Medicine, New York, United States	Fishell, Gordon	Cochin Institute, Paris, France	Roles of the transcriptional activators ets1 and ets2 in the specification of cortical interneuron subtypes downstream of FGF signaling

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Khoueiry, Pierre	French	European Molecular Biology Laboratory, Heidelberg, Germany	Furlong, Eileen	Developmental Biology Institute of Marseille, France	Defining functionality and essentiality in the <i>Drosophila</i> mesoderm network using an experimental based comparative approach
Gendrel, Marie	French	Columbia University, New York, United States	Hobert, Oliver	Ecole Normale Supérieure, Paris, France	Development and function of a <i>Caenorhabditis elegans</i> GABAergic interneuron
Alliouachene, Samira	French	University of London, United Kingdom	Vanhaesebroeck, Bart	Faculty of Medicine Necker, Paris, France	Characterization of signalling and physiologic roles of the class II PI 3-kinases
Prouteau, Manoël	French	University of Geneva, Switzerland	Gotta, Monica	Institute of Genetics and Molecular and Cellular Biology, Strasbourg, France	The role of MEX-5 and MEX-6 CCCH-proteins in regulation of mRNA stability during asymmetric cell division
Vinet, Adrien F.	French	University of Basel, Switzerland	Pieters, Jean	INRS-Institut Armand-Frappier, Laval, Canada	Analysis of actin-independent coronin functions in eukaryotic organisms
Stefanovic, Sonia	French	Sir William Dunn School of Pathology, Oxford, United Kingdom	Robertson, Elizabeth	INSERM, Paris, France	Understanding unique and possibly shared roles played by FLRT2 and FLRT3 cell surface proteins during heart development
Stefanovic, Sonia	French	University of Amsterdam, The Netherlands	Christoffels, Vincent	INSERM, Paris, France	Identification of molecular and epigenetic mechanisms of Gata transcription factor-mediated gene regulation in the atrioventricular canal (AVC) of the heart
Sorre, Benoit	French	Rockefeller University, New York, United States	Brivanlou, Ali	Curie Institute, Paris, France	Quantitative study of signal transduction by TGF β pathway during development
Godin, Juliette	French	University of Liege, Belgium	Nguyen, Laurent	Curie Institute, Paris, France	Defining the functions of elongator in adult brain neurogenesis
Kamel, Hammani	French	University of Oregon, Eugene, United States	Barkan, Alice	Institute of Molecular and Plant Biology, Strasbourg, France	Exploring the potential of pentatricopeptide repeat proteins for the site-directed modulation of RNA metabolism
Mathieu, Frechin	French	Institute of Molecular Systems Biology, Zurich, Switzerland	Pelkmans, Lucas	Institute of Genetics and Molecular and Cellular Biology, Strasbourg, France	System design of population context-dependent regulation of membrane lipid composition and downstream activities in mammalian cells
Jasin, Marion	French	Max Planck Institute for Biochemistry, Martinsried, Germany	Baumeister, Wolfgang P.	Institute Laue-Langevin, Grenoble, France	Cytoskeleton architecture in host cells during <i>Listeria</i> infection using cryo-electron tomography
Nury, Hugues	French	Swiss Institute for Cancer Research, Lausanne, Switzerland	Vogel, Horst	Pasteur Institute, Paris, France	Fusion proteins between pentameric ligand-gated ion channels and engineered pentameric bacterial toxins that allow selection of unique, specific, heteropentameric ion channels
Caillat, Christophe	French	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Perrakis, Anastassis	Laboratory of Structural Enzymology and Biochemistry, Gif-sur-Yvette, France	The Geminin protein as a regulator of cell fate

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Panis, Gaël	French	University of Geneva, Switzerland	Viollier, Patrick	National Center for Scientific Research, Marseille, France	Mechanism of coordination of lytic cycle of CbK and Cb13 phages with the <i>Caulobacter crescentus</i> cell cycle
Souphron, Judith	French	Curie Institute, Paris, France	Janke, Carsten	Saint-Jude Children's Research Hospital, Memphis, United States	Enzymatic mechanisms and regulatory role of microtubule polyglutamylation
Gambino, Frederic	French	University of Geneva, Switzerland	Holtmaat, Anthony	Strasbourg University, France	Structural correlates of hebbian plasticity in the barrel cortex <i>in vivo</i>
Medyouf, Hind	French	German Cancer Research Center, Heidelberg, Germany	Trumpp, Andreas	Terry Fox laboratory, Vancouver, Canada	Control of hematopoietic stem cell function by IGF signaling
Peyrache, Adrien	French	Rutgers University, Newark, United States	Buzsaki, György	UNIC, Gif-sur-Yvette, France	Selective inhibition by optogenetic in the hippocampo-entorhinal pathway to unravel the integration process of spatial-related activity
Dehorter, Nathalie	French	Institute of Neuro Science, Alicante, Spain	Marín, Oscar	University Luminy, Marseille, France	Analysis of the transcription factor Er81 function in the development of cortical GABAergic interneurons
Emre, Yalin	French	University of Geneva, Switzerland	Imhof, Beat	University Descartes, Paris, France	Role of CYR61 in leukocyte trafficking and inflammation
Benazet, Jean-Denis	French	Harvard University, Cambridge, United States	McMahon, Andrew P.	University of Basel, Switzerland	Elucidating the gene regulatory network controlling branching morphogenesis of mammalian organ systems
Villeneuve, Julien	French	Center for Genomic Regulation, Barcelona, Spain	Malhotra, Vivek	University of Bordeaux, France	Unconventional protein secretion: Identification of the mechanisms underlying this secretory process
Loquet, Antoine	French	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Lange, Adam	University of Lyon, France	High-resolution structure determination of the <i>Salmonella typhimurium</i> type III secretion system needle using solid-state NMR spectroscopy
Laage, Ségolène	French	Columbia University, New York, United States	McDermott, Ann	University of Lyon, Villeurbanne, France	Structural and functional investigation of the c subunit of ATP synthase in a membrane-mimetic environment by solid-state nuclear magnetic resonance spectroscopy
Peret, Benjamin	French	Institute for Biotechnology and Environmental Biology, St Paul lez Durance, France	Nussaume, Laurent	University of Nottingham, Loughborough, United Kingdom	Dissecting the regulation of lateral root formation by phosphate
Benjdia, Alhosna	French	Max Planck Institute for Medical Research, Heidelberg, Germany	Schlichting, Ilme	University of Paris, Sud Orsay, France	Structure–function studies of the spore photoproduct lyase, a new DNA repair enzyme

EMBO Long-Term Fellowships awarded in 2010 | EMBC Member States' nationals

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Keller, Jenny	French	European Institute of Oncology, Milano, Italy	Musacchio, Andrea	University of Paris, Sud Orsay, France	The role of Zwint-1, a link between the KMN network and the spindle assembly checkpoint
Le Bourhis, Lionel	French	Curie Institute, Paris, France	Lantz, Olivier	University of Toronto, Canada	Mucosal associated invariant T (MAIT) cells in intestinal immune homeostasis
Laue, Kathrin Julia	German	Columbia University, New York, United States	Karsenty, Gerard	Cologne University, Germany	Bone-derived osteocalcin, a positive regulator of male reproduction
Dultz, Elisa	German	University of California, Berkeley, United States	Weis, Karsten	European Molecular Biology Laboratory, Heidelberg, Germany	A systematic approach to determine the mechanism of nuclear envelope gene targeting
Veron, Nathalie	German	Friedrich Miescher Institute, Basel, Switzerland	Peters, Antoine	Free University Berlin, Germany	Elucidating the role of paternal histone methylation in transgenerational inheritance and epigenetic memory
Pfeiffer, Verena	German	Swiss Institute for Cancer Research, Lausanne, Switzerland	Lingner, Joachim	Free University Berlin, Germany	Function of telomeric repeat-containing RNA (TERRA) in yeast
Corsini, Nina	German	Institute for Molecular Biotechnology, Vienna, Austria	Knoblich, Jürgen	German Cancer Research Center, Heidelberg, Germany	Spindle orientation and asymmetric stem cell division in adult neurogenesis
Ischebeck, Till	German	University of Vienna, Austria	Weckwerth, Wolfram	Göttingen University, Germany	The next step in lipid signaling: Identifying targets of PI(4,5)P2 regulation in plants and fungi
Bruns, Oliver	German	Massachusetts Institute of Technology, Cambridge, United States	Bawendi, Moungi	Heinrich-Pette-Institute, Hamburg, Germany	Development of an <i>in vivo</i> sensor for lipoprotein lipase activity based on nanocrystals
Schulz, Edda	German	Curie Institute, Paris, France	Heard, Edith	Humboldt University, Berlin, Germany	The interplay of cis-regulatory elements and trans-acting factors during initiation of random X-chromosome inactivation – a systems biology approach
Guschanski, Katerina	German	University of Lausanne, Switzerland	Kaessmann, Henrik	Imperial College London, Ascot, United Kingdom	Origins and evolution of new mammalian genes
Brueckner, Florian	German	Paul Scherrer Institute, Villigen, Switzerland	Schertler, Gebhard	Imperial College London, Didcot, United Kingdom	Crystallization and structure determination of adrenergic G protein-coupled receptor subtypes
Leibfried, Andrea	German	European Molecular Biology Laboratory, Heidelberg, Germany	Ephrussi, Anne	Curie Institute, Paris, France	A dual screen for X-chromosomal genes required for RNA transport and polarization of the microtubule cytoskeleton in the <i>Drosophila</i> oocyte
Petrovic, Milan	German	Vesalius Research Center, Leuven, Belgium	Schmucker, Dietmar	Institute for Neurobiologie, Münster, Germany	Cell recognition molecules controlling synaptic specificity in the CNS of <i>Drosophila</i>

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Hilgers, Valerie	German	University of California, Berkeley, United States	Levine, Michael	Institute of Molecular and Cell Biology, Singapore, Singapore	PcG-mediated regulation of RNA Pol II transcriptional state in suppression of developmental plasticity
Haesemeyer, Martin	German	Harvard Medical School, Boston, United States	Engert, Florian	Institute of Molecular Pathology, Vienna, Austria	Sensor-motor control and associative memory in zebrafish
Spitzweck, Bettina	German	Center for Molecular Neurobiology, Hamburg, Germany	Kramer, Edgar	Institute of Molecular Pathology, Vienna, Austria	Functional specification of the two GDNF receptors RET and N-CAM in the dopaminergic system
Müller-McNicol, Michaela	German	Max Planck Institute for Molecular Cell Biology and Genetics, Dresden, Germany	Neugebauer, Karla	Laval University, Quebec, Canada	<i>In vivo</i> analysis of SR protein functions in gene expression after splicing
Mortusewicz, Oliver	German	Stockholm University, Sweden	Helleday, Thomas	LMU Biocenter, Martinsried, Germany	Role of the RNA Polymerase II cofactor PC4 at the crossroads of transcription and repair
Kornfeld, Jan-Wilhelm	German	University of Cologne, Germany	Brüning, Jens C.	Ludwig Boltzmann Institute for Cancer Research, Vienna, Austria	Molecular brakes of cytokine signaling in metabolic diseases
Heuck, Alexander	German	Institute of Molecular Pathology, Vienna, Austria	Clausen, Tim	Ludwig-Maximilians University, Munich, Germany	Characterization of the beta-barrel assembly machinery
Ohnmacht, Caspar	German	Pasteur Institute, Paris, France	Eberl, Gerard	Ludwig-Maximilians University, Munich, Germany	Identification of innate lymphoid cells through characterization and fate mapping of Id2-expressing cells.
Weininger, Ulrich	German	Lund University, Sweden	Akke, Mikael	Martin-Luther-University, Halle-Wittenberg, Germany	Dynamics of enzymatic catalysis and allosteric ligand binding
Boldajipour, Bijan	German	University of California, San Francisco, United States	Krummel, Matthew	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Role of chemokine function in the subversion of T cell responses by the immune-evading tumour microenvironment
Schneider, Marc	German	Gurdon Institute, Cambridge, United Kingdom	Kouzarides, Tony	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Characterization of spliceosome-chromatin interactions
Schneider, Robert	German	Institute of Structural Biology, Grenoble, France	Blackledge, Martin	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Protein interactions mediated by intrinsically disordered sequences: The mechanisms of transcription and replication in Sendai and measles paramyxoviruses
Walter, Alexander	German	Free University, Amsterdam, The Netherlands	Verhage, Matthijs	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Vital ties: the role of two endosomal SNAREs in cellular trafficking and dense core vesicle biogenesis
Molawi, Kaaweh	German	Center of Immunologie, Marseille, France	Sieweke, Michael	Max Planck Institute for Infection Biology, Berlin, Germany	Analysis of subtype specific macrophage function in regeneration and development of monocyte based cellular therapy including linage reprogramming

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Werbeck, Nicolas	German	Institute of Structural and Molecular Biology, University College London, United Kingdom	Hansen, D. Flemming	Max Planck Institute for Medical Research, Heidelberg, Germany	Investigation of the structural dynamics and regulation of histone deacetylases
Polier, Sigrun	German	Institute of Cancer Research, London, United Kingdom	Pearl, Laurence H.	Max Planck Institute of Biochemistry, Martinsried, Germany	Structural analysis of Hsp90/Cdc37/kinase complexes
Von Moeller, Holger	German	Free University of Berlin, Germany	Wahl, Markus	Max Planck Institute of Biochemistry, Martinsried, Germany	Structural, biophysical and biochemical analysis of histone mRNA 3'-processing factors
Herrgen, Leah	German	University of Oxford, United Kingdom	Akerman, Colin	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Controlling the onset of neurogenesis <i>via</i> intercellular signalling mechanisms
Gerlach, Holger	German	University of Oxford, United Kingdom	Bayley, Hagan	Max Planck Institute of Molecular Physiology, Dortmund, Germany	Light-induced protein expression within droplet interface bilayers
Wartosch, Lena	German	University of Cambridge, United Kingdom	Luzio, Paul	Max Delbrück Center for Molecular Medicine, Berlin, Germany	The fusion of autophagosomes with lysosomes
Hubner, Nina	German	University Medical Center Utrecht, The Netherlands	Kops, Geert	Max-Planck Institute of Biochemistry, Martinsried, Germany	Moving in the right direction: Post-translational control of the metaphase-to-anaphase transition
Lange, Christian	German	Vesalius Research Center, Leuven, Belgium	Carmeliet, Peter	Max Planck Institute for Molecular Cell Biology and Genetics, Dresden, Germany	A role for a hypoxic niche and cellular oxygen sensors in the proliferation of adult neural precursors
Gasper-Schönenbrücher, Raphael	German	MRC Laboratory of Molecular Biology, Cambridge, United Kingdom	Löwe, Jan	Max Planck Institute for Molecular Physiology, Dortmund, Germany	Functional and structural studies of bacterial cell division and elongation: The SEDS protein family
Kalocsay, Marian	German	Harvard Medical School, Boston, United States	Moazed, Danesh	Max Planck Institute of Biochemistry, Martinsried, Germany	Molecular switches regulating RNAi-directed heterochromatin formation
Scholzen, Anja	German	Radboud University Nijmegen Medical Centre, The Netherlands	Sauerwein, Robert	Monash University, Melbourne, Australia	The cellular basis of impaired humoral immune memory in <i>Plasmodium falciparum</i> malaria
Güttler, Thomas	German	Harvard Medical School, Boston, United States	Rapoport, Tom A.	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Structural and functional analysis of an active protein-conducting channel
Wittkopp, Nadine	German	Hubrecht Laboratory, Utrecht, The Netherlands	Ketting, René	Max Planck Institute for Developmental Biology, Tuebingen, Germany	miRNA identification during the onset of bone formation

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Arenz, Alexander	German	Max-Planck-Institute for Neurobiology, Martinsried, Germany	Borst, Alexander	National Institute for Medical Research, London, United Kingdom	The neuronal basis of multi-modal sensory processing during flight control in <i>Drosophila melanogaster</i>
Hermkes, Rebecca	German	Umeå University, Sweden	Grebe, Markus	Ruhr University, Bochum, Germany	Unravelling mechanisms underlying polar lateral nuclear movement in the <i>Arabidopsis</i> root
Uhlenhaut, Nina Henriette	German	Max Delbrück Center for Molecular Medicine, Berlin, Germany	Huebner, Norbert	Salk Institute, La Jolla, United States	Identification of inflammatory cistromes in macrophages
Duerr, Katharina	German	Orgeon Health and Science University, Portland, United States	Gouaux, Eric	Technical University of Berlin, Germany	Studying the atomic structure of AMPA receptor/TARP complexes by X-ray diffraction methods
Hagn, Franz	German	Harvard Medical School, Boston, United States	Wagner, Gerhard	Technical University Munich, Germany	NMR structural investigations of VADC ion channels and their complexes using phospholipid nanodiscs as a novel membrane mimic
Hehemann, Jan-Hendrik	German	University of Victoria, Canada	Boraston, Alisdair	The Biological Station, Roscoff, France	Structural and biochemical characterization of seaweed degrading carbohydrate active enzymes of marine bacterial origin in Japanese human gut bacteria
Yazdan Panah, Benyamin	German	Swiss Institute for Cancer Research, Lausanne, Switzerland	Trono, Didier	University Hospital, Cologne, Germany	KRAB/KAP1 epigenetic regulation in hematopoietic stem cells homeostasis and lineage commitment
Warnecke, Tobias	German	Center for Genomic Regulation, Barcelona, Spain	Kondrashov, Fyodor	University of Bath, United Kingdom	The impact of pleiotropic conflict on protein evolvability
Esk, Christopher	German	Institute for Molecular Biotechnology, Vienna, Austria	Knoblich, Jürgen	University of California, San Francisco, United States	Identification and characterization of novel mammalian neural differentiation factors
Lautenschlaeger, Franziska	German	Curie Institute, Paris, France	Piel, Matthieu	University of Cambridge, United Kingdom	Cell polarity in cell migration under confinement
Jonas, Stefanie	German	Max Planck Institute for Developmental Biology, Tübingen, Germany	Izaurrealde, Elisa	University of Cambridge, United Kingdom	Functional and structural analysis of the human nonsense-mediated mRNA decay pathway
Pechmann, Sebastian	German	Stanford University, United States	Frydman, Judith	University of Cambridge, United Kingdom	Computational and experimental reconstruction of the yeast chaperone network
Bartels, Sebastian	German	University of Basel, Switzerland	Boller, Thomas	University of Freiburg, Germany	DAMP signalling: Complementing innate immunity in plants
Kastenhuber, Edda	German	University of Zurich, Switzerland	Neuhaus, Stephan	University of Freiburg, Germany	Characterization of glutamate signaling in distinct pathways of zebrafish visual streams

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Frank, Thomas	German	Friedrich Miescher Institute, Basel, Switzerland	Friedrich, Rainer	University of Göttingen, Germany	Circuit dynamics and information processing in the olfactory forebrain – role of interneurons and cholinergic modulation
Bechtluft, Philipp	German	Centrum for Molecular Biology, Heidelberg, Germany	Bukau, Bernd	University of Groningen, The Netherlands	The mechanism of protein disaggregation by chaperones at a single molecule level
Huemmer, Stefan	German	University of Basel, Switzerland	Spang, Anne	University of Konstanz, Germany	In search of conserved mRNA localization and anchoring mechanisms
Rückerl, Florian	German	Curie Institute, Paris, France	Sykes, Cécile	University of Leipzig, Germany	Forces and dynamics of formin mediated artificial filopodia
Wolf, Alexander	German	University of Oxford, United Kingdom	Schofield, Christopher	University of Oxford, United Kingdom	To repair or not to repair? The endogenous role of human AlkB homologs and their association to obesity and cancer
Utrecht, Charlotte	German	Uppsala University, Sweden	Hajdu, Janos	Utrecht University, The Netherlands	Three-dimensional snapshots of viruses in defined states
Essmann, Clara Luise	German	University College London, United Kingdom	Nurrish, Stephen	Goethe University, Frankfurt, Germany	A new branch of the neuroligin family? Characterisation of the role of the neuroligin related carboxylesterases T02b5.1 and T02b5.3 in <i>C. elegans</i> synapse function
Papathanos, Philippos Aris	Greek	California Institute of Technology, Pasadena, United States	Hay, Bruce	Imperial College London, London, United Kingdom	Development of the MEDEA synthetic gene drive system for insect vectors of human disease
Karras, Georgios	Greek	Whitehead Institute for Biomedical Research, Cambridge, United States	Lindquist, Susan	Max Planck Institute of Biochemistry, Munich, Germany	Roles of Hsp90 in genome maintenance and evolution
Poulopoulos, Alexandros	Greek	Harvard Medical School, Boston, United States	MackKlis, Jeffrey	Max Planck Institute of Experimental Medicine, Göttingen, Germany	Proteomic, <i>in vivo</i> knockdown and transplantation approaches to study targeting mechanisms of axonal projections in the cerebral cortex
Keramisanou, Dimitra	Greek	Goethe University, Frankfurt, Germany	Frangakis, Achilleas	The State University of New Jersey, USA	3D structure of 30 nm chromatin fibre by cryo-electron tomography
Nikoletopoulou, Vassiliki	Greek	Institute of Molecular Biology and Biotechnology, Heraklion, Greece	Tavernarakis, Nektarios	University of Basel, Switzerland	Investigating the role of the MAGE protein Necdin in neurons using <i>C. elegans</i> and mouse embryonic stem cell based models
Dimas, Antigone	Greek	Institute of Molecular Biology and Genetics, Athens, Greece	Ragoussis, Ioannis	University of Geneva, Switzerland	The contribution of adipose tissue gene regulation to obesity-related pathogenesis
Zovoilis, Athanasios	Greek	Canada's Michael Smith Genome Sciences Centre, Vancouver, Canada	Jones, Steven	University of Göttingen, Germany	Mapping the non-coding RNA regulatory circuitry and its interplay with the epigenome in human cancer tissues

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Kovács, Sándor Dénes	Hungarian	King's College London, United Kingdom	Collier, David	Hungarian Academy of Sciences, Budapest, Hungary	Functional genomics of transcription factor 4 (e2-2)
Gazdag, Emese	Hungarian	Nijmegen Centre for Molecular Life Sciences, The Netherlands	Veenstra, Gert Jan	Institute of Genetics and Molecular and Cellular Biology, Strasbourg, France	Functional requirements for productive gene expression initiation during <i>Xenopus</i> embryogenesis
Olah, Szabolcs	Hungarian	Swiss Institute for Cancer Research, Lausanne, Switzerland	Petersen, Carl	University of Szeged, Hungary	Contribution of neurogliaform cells to signal flow in the barrel cortex during whisking behaviour
Bates, Mark	Irish	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Hell, Stefan	Harvard University, Cambridge, United States	High resolution light microscopic studies of cell division in prokaryotes
Cronin, Shane	Irish	Childrens Hospital Boston, United States	Woolf, Clifford	Institute for Molecular Biotechnology, Vienna, Austria	Annotated compound screen to identify novel analgesics and regulatory mechanisms for neuropathic and inflammatory pain
O'Gorman, Céline	Irish	University of Nottingham, United Kingdom	Dyer, Paul	Ruhr University, Bochum, Germany	Exploitation of sexual reproduction in the opportunistic fungal pathogen <i>Aspergillus</i> <i>fumigatus</i> for improved disease control
Elad, Nadav	Israeli	Center for Human Genetics, KU Leuven, Belgium	De Strooper, Bart	Ben Gurion University of the Negev, Beer-Sheva, Israel	Structure and function of gamma-secretase studied by single particle cryo-electron microscopy
Rog, Ofar	Israeli	University of California, Berkeley, United States	Dernburg, Abby F.	Cancer Research UK, London, United Kingdom	Dynamics of chromosome synapsis during meiosis
Rosenzweig, Rina	Israeli	University of Toronto, Canada	Kay, Lewis	Technion - Israel Institute of Technology, Haifa, Israel	Combining NMR structural analysis with biochemical research to unveil the mechanism through which ClpB/Hsp104 molecular chaperones mediate protein disaggregation
Preger-Ben Noon, Ella	Israeli	Princeton University, United States	Stern, David	Technion - Israel Institute of Technology, Haifa, Israel	Cis-regulatory region occupancy as the basis for morphological evolution
Sharon, Itai	Israeli	University of California, Berkeley, United States	Banfield, Jillian	Technion - Israel Institute of Technology, Haifa, Israel	Population genomic analysis of virus-host relationships during microbial colonization of the premature infant gut
Yogev, Ohad	Israeli	University College London, United Kingdom	Boshoff, Chris	Hebrew University, Jerusalem, Israel	The role of KSHV-encoded and cellular miRNAs in tumorigenesis and in the relationship between viruses and the immune system
Medalsy, Izhar	Israeli	Swiss Federal Institute of Technology, Zurich, Switzerland	Müller, Daniel J.	Hebrew University, Jerusalem, Israel	Probing the three-dimensional ligand- receptor energy landscape
Carmi-Levy, Irit	Israeli	Curie Institute, Paris, France	Soumelis, Vassili	Hebrew University, Jerusalem, Israel	The role of TSLP in intercellular communication in the skin

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Frechter, Shahar	Israeli	MRC Laboratory of Molecular Biology, Cambridge, United Kingdom	Jefferis, Gregory	Hebrew University, Jerusalem, Israel	Analyzing neuroanatomy and olfactory processing in the lateral horn of <i>Drosophila</i>
Shvets, Elena	Israeli	MRC Laboratory of Molecular Biology, Cambridge, United Kingdom	Nichols, Benjamin	The Weizmann Institute of Science, Rehovot, Israel	The role of cavin proteins in caveolar structure and function
Wexler-Cohen, Yael	Israeli	University of California, Los Angeles, United States	Johnson, Patricia	The Weizmann Institute of Science, Rehovot, Israel	Identification of a <i>Trichomonas</i> hydrogenosomal membrane translocon
Gelbard-Sagiv, Hagar	Israeli	California Institute of Technology, Pasadena, United States	Koch, Christof	The Weizmann Institute of Science, Rehovot, Israel	Seeking a neuronal signature of conscious perception in the human frontal lobe
Ron-Harel, Noga	Israeli	Harvard Medical School, Boston, United States	Haigis, Marcia C.	The Weizmann Institute of Science, Rehovot, Israel	Immune regulation of metabolic homeostasis: A role for sirtuins?
Feinberg, Konstantin	Israeli	Hospital for Sick Children, Toronto, Canada	Freda, Miller	The Weizmann Institute of Science, Rehovot, Israel	The p75 neurotrophin receptor and axonal degeneration
Efroni, Idan	Israeli	New York University, United States	Birnbaum, Kenneth	The Weizmann Institute of Science, Rehovot, Israel	Translating the combinatorial auxin code to cell fate decisions
Mitchell, Amir	Israeli	Stanford University, United States	Endy, Drew	The Weizmann Institute of Science, Rehovot, Israel	Design principles of adaptation-impaired biological systems: Understanding evolvability by engineering fragility
Shulman, Ziv	Israeli	Rockefeller University, New York, United States	Nussenzweig, Michel	The Weizmann Institute of Science, Rehovot, Israel	Real time analysis of immune cell interactions and communication in formation of germinal centers in living lymph nodes
Yovel, Yossi	Israeli	University of Chicago, United States	Biron, David	The Weizmann Institute of science, Rehovot, Israel	Understanding lethargus – the sleep-like state of the nematode <i>C. elegans</i>
Khersonsky, Olga	Israeli	University of Washington, Seattle, United States	Baker, David	The Weizmann Institute of Science, Rehovot, Israel	Combination of computational protein design and synthetic biology for construction of <i>E. coli</i> that converts CO ₂ to liquid fuels
Cohen, Ariel	Israeli	Harvard Medical School, Boston, United States	Daley, George	The Weizmann Institute of Science, Rehovot, Israel	Mapping protein dynamics of embryonic and reprogrammed stem cells prior to, during and following the differentiation switch
Mozzetta, Chiara	Italian	University Diderot, Paris, France	Ait-si-Ali, Slimane	Dulbecco Telethon Institute, Rome, Italy	Epigenetic regulation of muscle stem cells proliferation and differentiation: Cooperation between Polycomb/H3K27 methylation and H3K9 methylation pathways
Bonfanti, Paola	Italian	Free University Brussels, Belgium	Heimberg, Harry	Swiss Institute for Cancer Research, Lausanne, Switzerland	Activation, isolation and characterization of endogenous stem/progenitor cells from the adult pancreas to generate new beta cells

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Maiolica, Alessio	Italian	Swiss Federal Institute of Technology Zurich, Switzerland	Aebersold, Ruedi	European Institute of Oncology, Milan, Italy	Characterization of phosphorylation networks in mitosis
Fachinetti, Daniele	Italian	University of California, La Jolla, United States	Cleveland, Don	European Institute of Oncology, Milan, Italy	Exploring different aspects of the histone H3 variant CENP-A
Cassani, Barbara	Italian	Harvard Medical School, Boston, United States	Mora, J. Rodrigo	Humanitas Clinical Institute, Milan, Italy	Reassessing the physiological role of the gut-specific lymphocyte homing: Implications for tolerance and autoimmunity
Rauzi, Matteo	Italian	Cologne University, Institute of Genetics, Germany	Leptin, Maria	IBDML, Marseille, France	Mapping tissue forces controlling ventral furrow formation during <i>Drosophila</i> embryo morphogenesis
Casazza, Andrea	Italian	Flanders Institute for Biotechnology, Leuven, Belgium	Mazzone, Massimiliano	Institute for Cancer Research and Treatment, Torino, Italy	Role of neuropilin 1 in bone marrow-derived mononuclear cells in physiological and pathological angiogenesis
Filosa, Alessandro	Italian	University of California, San Francisco, United States	Baier, Herwig	Max Planck Institute of Neurobiology, Martinsried, Germany	Functional characterization of decision-making neural circuits in zebrafish
Amendola, Mario	Italian	The Netherlands Cancer Institute, Amsterdam, The Netherlands	van Steensel, Bas	San Raffaele Telethon Institute for Gene Therapy, Milan, Italy	Gene regulation by chromatin associated long non coding RNAs
Mantiero, Davide	Italian	Gurdon Institute, Cambridge, United Kingdom	Zegerman, Philip	University of Cambridge, United Kingdom	The execution and function of the temporal program of DNA replication initiation in <i>Saccharomyces cerevisiae</i>
Ferraro, Teresa	Italian	Swiss Institute for Cancer Research, Lausanne, Switzerland	Naef, Felix	University of Naples Federico II, Italy	Temporal derivatives and growth control in the <i>Drosophila</i> wing disk
Martino, Luigi	Italian	King's College London, United Kingdom	Conte, Maria	University of Naples Federico II, Italy	Elucidation of RNA recognition mechanisms for the La autoantigen and LARP7
Ziviani, Elena	Italian	Dulbecco-Telethon Institute, Padova, Italy	Scorrano, Luca	University of Sheffield, United Kingdom	Regulation of mitochondria-endoplasmic reticulum tethering by Parkin: Implication for Parkinson's disease
Pigino, Gaia	Italian	Swiss Federal Institute of Technology Zurich, Switzerland	Ishikawa, Takashi	University of Siena, Italy	Understanding cilia assembly and regulation of bending motion by 3D cryo-microscopy
von Grotthuss, Marcin	Polish	Brigham and Women's Hospital, Harvard Medical School, Boston, United States	Lee, Charles	Bioinfobank Institute, Poland	Determining if mutations occurred in linear manner or in non-linear-manner in human Y chromosome during dozens of generations
Garstka, Malgorzata	Polish	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Neefjes, Jacques	Jacobs University Bremen, Germany	Formation of ER-late endosomal contact sites and signaling dynamics

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Andrecka, Joanna	Polish	European Molecular Biology Laboratory, Grenoble, France	Panne, Daniel	Ludwig-Maximilians University, Munich, Germany	Specificity in cytokine signaling through conformational control
Strzelecka, Magdalena	Polish	University of California, Berkeley, United States	Heald, Rebecca	Max Planck Institute for Molecular Cell Biology and Genetics, Dresden, Germany	Investigating the role of RNA in mitotic spindle assembly
Krzyzaniak, Magdalena	Polish	Swiss Federal Institute of Technology, Zurich, Switzerland	Helenius, Ari H.	University of Alabama at Birmingham, United States	Cell entry mechanisms used by human cytomegalovirus (HCMV)
Sroczyńska, Patrycja	Polish	University of Copenhagen, Denmark	Helin, Kristian	University of Manchester, United Kingdom	<i>In vitro</i> and <i>in vivo</i> screens for novel regulators in leukaemia (NOREL)
Morais De Sá, Eurico	Portuguese	University of Porto, Portugal	Sunkel, Claudio E.	Gurdon institute, Cambridge, United Kingdom	Understanding the coordination between mitosis and cell polarity in <i>Drosophila</i>
Melo, Sónia	Portuguese	Harvard Medical School, Boston, United States	Kalluri, Raghu	Spanish National Cancer Center, Madrid, Spain	To determine the role of DICER1 and microRNAs in stroma-cancer cell interactions
Khmelinskii, Anton	Portuguese	European Molecular Biology Laboratory, Heidelberg, Germany	Knop, Michael	University of Heidelberg, Germany	Quantitative systematic analysis of proteome homeostasis and cellular ageing
Bernardes, Gonçalo	Portuguese	Swiss Federal Institute of Technology Zurich, Switzerland	Neri, Dario	University of Oxford, United Kingdom	Exploiting matrix-metalloproteinases for antibody-directed enzyme prodrug delivery
Amaral Gomes Barbosa Fonseca, Andreia De Jesus	Portuguese	Institute of Molecular Medicine, Lisbon, Portugal	Espada De Sousa, Ana	Wageningen University, The Netherlands	Application of massive parallel sequencing to microRNA profiling of cellular and molecular response of HIV-1 and HIV-2 infection to modulation of integration
Abreu Ribeiro, Susana	Portuguese	University of California, San Francisco, United States	Vale, Ronald D.	Wellcome Trust Centre for Cell Biology, Edinburgh, United Kingdom	Measurement and function of microtubule dynamics in neuronal axon processes
Polakova, Silvia	Slovak	University of Vienna, Austria	Gregan, Juraj	Lund University, Sweden	Molecular mechanisms of chromosome segregation during meiosis, a genome-wide approach
Buzon, Maria Jose	Spanish	Ragon Institute of MGH, Charlestown, United States	Yu, Xu	AIDS Research Institute Irsi, Badalona, Spain	Identification and characterization of cellular and tissue sources contributing to ongoing low level HIV-1 viremia in individuals with immunological or pharmacological suppression of HIV-1 replication
Güell, Marc	Spanish	Harvard Medical School, Boston, United States	Church, George	Center for Genomic Regulation, Barcelona, Spain	A drug design platform based on directed evolution

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Rodríguez-Villalón, Antía	Spanish	University of Lausanne, Switzerland	Hardtke, Christian	Center of Research on Agricultural Genomics, Barcelona, Spain	Identification of primary BRX target genes and their relevance in plant growth
Pascual, Pau	Spanish	The Salk Institute, La Jolla, United States	Hetzer, Martin	Research Center Príncipe Felipe, Valencia, Spain	Defining the roles of nuclear pore complexes in gene expression activity
De Lucas, Miguel	Spanish	University of California, Davis, United States	Brady, Siobhan	National Center for cardiovascular Research, Madrid, Spain	Cell type specific transcriptional regulation by polycomb-group proteins in <i>Arabidopsis</i>
Pernaute, Barbara	Spanish	Imperial College London, United Kingdom	Rodriguez, Tristan	CNIC, Madrid, Spain	MicroRNA regulation of apoptosis and differentiation during early mammalian development
Matamales, Miriam	Spanish	University of Sydney, Australia	Gotz, Jurgen	INSERM, Paris, France	Selective vulnerability in Alzheimer's disease and related disorders: Mechanism of tau pathology
Ordóñez, Paloma	Spanish	Swiss Institute for Cancer Research, Lausanne, Switzerland	Huelsken, Joerg	Alberto Sols Institute, Madrid, Spain	Identifying key components of the regulatory network which control intestinal stem cells and tumours
Rincon, Sergio	Spanish	Curie Institute, Paris, France	Paoletti, Anne	University of Salamanca, Spain	Spatio-temporal control of cell division in fission yeast
Sanglas Crespi, Laura	Spanish	University of Aarhus, Denmark	Enghild, Jan	University of Barcelona, Spain	Molecular and functional characterization of an isoform of TAFI
Fernández- Majada, Vanesa	Spanish	University Cologne, Germany	Pasparakis, Manolis	University of Barcelona, Spain	Function of NF-κB pathway in lung epithelium homeostasis and tumourigenesis
Del Toro, Daniel	Spanish	Max Planck Institute for Neurobiology, Martinsried, Germany	Klein, Rüdiger	University of Barcelona, Spain	Genetic analysis of a novel family of repulsive guidance cues acting through Unc5 receptors
Roman, Angel Carlos	Spanish	University of Geneva, Switzerland	Schibler, Ueli	University of Extremadura, Badajoz, Spain	Identification of signalling pathways involved in the synchronization of peripheral circadian oscillators
Blanchart, Albert	Spanish	Karolinska Institute, Stockholm, Sweden	Ernfors, Patrik	University of Madrid, Spain	Identification of a new mechanism of stem cell self-renewal; direct implications on self- repair and tumour initiating cells in the brain
Lopez-Gallego, Fernando	Spanish	University of Groningen, The Netherlands	Quax, Wim	University of Minnesota, St Paul, United States	Protein engineering of human-P450 monooxygenases applied to terpene oxidation
Pelechano García, Vicente José	Spanish	European Molecular Biology Laboratory, Heidelberg, Germany	Steinmetz, Lars	University of Valencia, Spain	In depth analysis of the <i>S. cerevisiae</i> transcriptome architecture using parallel sequencing of individual transcripts
Genander, Maria	Swedish	Rockefeller University, New York, United States	Fuchs, Elaine	Karolinska Institute, Stockholm, Sweden	Deciphering the mechanisms governing Bmp regulated stem cell maintenance in hair follicles

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Hennig, Janosch	Swedish	Helmholtz Zentrum Munich, Neuherberg, Germany	Sattler, Michael	Linköping University, Sweden	Structural basis for the cooperative assembly of the UNR-SXL-msl-2-mRNA complex in <i>Drosophila</i> dosage compensation
Andersson Nordahl, Emma	Swedish	Statens Serum Institute, Copenhagen, Denmark	Skytt Andersen, Paal	Lund University, Sweden	Importance of copy number variation of defensin genes during infections
Carlson, Lars-Anders	Swedish	National Institutes of Health, Bethesda, United States	Hurley, James H	Max Planck Institute for Neurobiology, Martinsried, Germany	<i>In vitro</i> reconstitution of HIV-1 assembly and release
Iglesias, Nahid	Swiss	Harvard Medical School, Boston, United States	Moazed, Danesh	Swiss Institute for Cancer Research, Lausanne, Switzerland	Understanding the relationship between the RNAi machinery and the histone H3 lysine 9 methyltransferase complex in fission yeast
Luke-Glaser, Sarah	Swiss	University of Heidelberg, Germany	Luke, Brian	Swiss Federal Institute of Technology, Zurich, Switzerland	Molecular study of Fanconi anaemia homologs in budding yeast
El Boustani, Sami	Swiss	Picower Institute for Learning and Memory, Cambridge, United States	Sur, Mriganka	Center for Neurosciences, Gif-sur-Yvette, France	Optogenetic decomposition of inhibitory micro-circuits responsible for the emergence of simple cell functional selectivity in the mouse primary visual cortex
Von Castelmur, Eleonore	Swiss	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Perrakis, Anastassis	University of Basel, Switzerland	Exploring the molecular mechanisms regulating FoxM1 transcriptional activity
Gfeller, David	Swiss	University of Lausanne, Switzerland	Michielin, Olivier	University of Toronto, Canada	Peptide-based design of kinase inhibitors
Lehmann, Steffi	Swiss	Nijmegen Center for Molecular Life Sciences, The Netherlands	Friedl, Peter	University of Zurich, Switzerland	Intravital multiphoton microscopy of the tumor microenvironment: Impact on growth, local invasion and metastatic dissemination
Aygun, Ozan	Turkish	National Cancer Institute, Bethesda, United States	Grewal, Shiv	Cancer Research UK, South Mimms, United Kingdom	Molecular analysis of the relationship between stress signaling and heterochromatin dynamics
Kaya Copur, Aynur	Turkish	Max-Planck Institute for Biochemistry, Martinsried, Germany	Schnorrer, Frank	European Molecular Biology Laboratory, Heidelberg, Germany	Mechanisms of myofibril and sarcomere formation in <i>Drosophila</i> adult muscles
Somel, Mehmet	Turkish	University of California, Berkeley, United States	Nielsen, Rasmus	Institute for Computational Biology, Shanghai, China	Assessing natural selection on human transcriptomic and regulatory variation

EMBO Long-Term Fellowships awarded in 2010 | Non-EMBC Member States' nationals

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Liko, Dritan	Albanian	Beatson Institute for Cancer Research, Glasgow, United Kingdom	White, Robert	University of Wisconsin, Madison, United States	Regulation of RNA polymerase III transcription by Id proteins and E47
Birtwistle, Marc	American	Systems Biology Ireland, Conway Institute, Dublin, Ireland	Kolch, Walter	Beatson Institute for Cancer Research, Bearsden, United Kingdom	The effects of protein expression noise on signal transduction and cell fate decisions
Nolen, Leisha	American	MRC Human Genetics Unit, Western General Hospital, Edinburgh, United Kingdom	Bickmore, Wendy	Childrens Hospital of Boston, United States	Nuclear organization and interactions in Cornelia De Lange syndrome and progeria
Svendsen, Jennifer	American	Cancer Research UK, London Research Institute, United Kingdom	Boulton, Simon	Harvard Medical School, Boston, United States	Identification of factors involved in the crossover/noncrossover decision during eukaryotic meiosis
Katsir, Leron	American	University of Freiburg, Germany	Laux, Thomas	Michigan State University, East Lansing, United States	Role of chromatin states in the <i>Arabidopsis</i> root stem cell system
Williams, Allison	American	Pasteur Institute, Paris, France	Boneca, Ivo Gomperts	St. Jude Children's Research Hospital, Memphis, United States	Structural and mechanistic studies of the interplay between peptidoglycan hydrolases, peptidoglycan fragments and Nod proteins detection
Kvikstad, Erika	American	UMR CNRS, Villeurbanne, France	Duret, Laurent	The Pennsylvania State University, State College, United States	Genome-wide impact of biased gene conversion on human-specific insertions and deletions
Yamawaki, Tracy	American	Institute of Molecular Pathology, Vienna, Austria	Dickson, Barry J.	University of California, San Francisco, United States	Identification and characterization of sleep circuitry regulated by the <i>Drosophila</i> sex peptide
O'Hare (nee Massaro), Catherine	American	University of Cambridge, United Kingdom	Holt, Christine	University of California, San Francisco, United States	The role of localized protein degradation in retinal axon targeting
Bedford, Trevor	American	University of Edinburgh, United Kingdom	Rambaut, Andrew	University of Michigan, Ann Arbor, United States	Phylogenetic prediction of the evolutionary trajectory of the influenza virus
Kim, Yujin	American	Max Planck Institute for Biochemistry, Martinsried, Germany	Hartl, F. Ulrich	University of Southern California, Los Angeles, United States	Role of misfolded huntingtin interactions during neuronal degeneration
Alam, Amer	American	Institute of Molecular Biology and Biophysics, Zurich, Switzerland	Locher, Kaspar	University of Texas, Houston, United States	Understanding mechanisms of substrate polyspecificity in P-glycoprotein
Webb, Alexis	American	Max Planck Institute for Cell Biology and Genetics, Dresden, Germany	Oates, Andrew	Washington University, Saint Louis, United States	Single cell analysis of the segmentation clock

EMBO Long-Term Fellowships awarded in 2010 | Non-EMBC Member States' nationals

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Soler Bistué, Alfonso Jc	Argentinian	Pasteur Institute, Paris, France	Mazel, Didier	Institute Leloir / IIBBA-CONICET, Buenos Aires, Argentina	Genome architecture as an epigenetic mechanism for gene regulation
Lisa, María Natalia	Argentinian	Pasteur Institute, Paris, France	Alzari, Pedro	University of Rosario, Argentina	Molecular characterization of PknG-GarA mediated signaling pathways in <i>Mycobacterium tuberculosis</i>
Nikel, Pablo I	Argentinian	National Center for Biotechnology, Madrid, Spain	de Lorenzo, Victor	University of San Martín, Argentina	Re-factoring the <i>Pseudomonas putida</i> genome for lego-lizing metabolic properties
Maslowski, Kendle	Australian	University of Lausanne, Switzerland	Tschopp, Jurg	The Garvan Institute of Medical Research, Darlinghurst, Australia	The function of neuronal apoptosis inhibitory proteins (NAIP) in innate immunity
Rompani, Santiago	Brazilian	Friedrich Miescher Institute, Basel, Switzerland	Roska, Botond	Harvard Medical School, Boston, United States	Determining the patterns of activity in the visual cortex evoked by the stimulation of genetically identified retinal circuits
Trabuco, Leonardo	Brazilian	University of Heidelberg, Germany	Russell, Rob	University of Illinois, Urbana, United States	Design of specific inhibitors targeting protein interaction networks
Nedialkova, Danny	Bulgarian	Max Planck Institute for Molecular Biomedicine, Münster, Germany	Leidel, Sebastian	Leiden University Medical Center, The Netherlands	The role of tRNA wobble uridine modifications in translation: A systems approach
Perron, Gabriel	Canadian	Uppsala University, Sweden	Andersson, Dan	Imperial College London, Ascot, United Kingdom	Diversity and interactions in mammalian antimicrobial peptides modulates resistance in bacteria
Abella, Jasmine	Canadian	Cancer Research UK, London, United Kingdom	Way, Michael	McGill University, Montreal, Canada	Identification of new regulators of invadopodia and tumour cell invasion
Soulière, Marie	Canadian	University of Innsbruck, Austria	Micura, Ronald	University of Sherbrooke, Canada	Folding of the preQ1 class II riboswitch
Scott, Angela	Canadian	University of Edinburgh, United Kingdom	Becker, Catherina	University of British Columbia, Vancouver, Canada	Determining the molecular mechanisms of trauma-induced adult neurogenesis in the vertebrate spinal cord
Nunes, Flavia	Canadian	University of Geneva, Switzerland	Milinkovitch, Michel	University of Rennes, France	The genetic basis of convergent characters: Syndactyly in Australian marsupials
Wang, Sheila	Canadian	University of Oxford, United Kingdom	Robinson, Carol	University of Toronto, Canada	Mass spectrometry of membrane proteins
Matus Picero, José Tomás	Chilean	Center for Research in Agricultural Genomics, Barcelona, Spain	Riechmann, Jose Luis	Catholic University of Chile, Santiago, Chile	Functional characterization of transcription factors identified as APETALA1 target genes by genome-wide network analysis of early flower development
Jin, Jian	Chinese	Center for Research in Agricultural Genomics, Barcelona, Spain	Riechmann, Jose Luis	Chinese Academy of Sciences, Shanghai, China	Genomic analyses of the regulatory network controlling flower development in <i>Arabidopsis</i>

EMBO Long-Term Fellowships awarded in 2010 | Non-EMBC Member States' nationals

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Xu, Chun	Chinese	Friedrich Miescher Institute, Basel, Switzerland	Luthi, Andreas	Chinese Academy of Sciences, Shanghai, China	Dissecting the neuronal circuitry of conditioned fear using viral transsynaptic tracing
Shen, Yidong	Chinese	Max Planck Institute for Biology for Ageing, Cologne, Germany	Antebi, Adam	University of Texas, Houston, United States	Analysis of microRNA functions in <i>C. elegans</i> ageing
Fu, Jingyan	Chinese	University of Cambridge, United Kingdom	Glover, David M.	Peking University, Beijing, China	Plk4, Asterless, Sas-4 interactions in centriole formation and function
Chan, Yingguang Frank	Hong Kong Chinese	Max Planck Institute for Evolutionary Biology, Ploen, Germany	Tautz, Diethard	Stanford University, United States	Selecting for giants – dissecting the adaptive bodyweight complex in laboratory and wild mice
Guha Roy, Mainak	Indian	Institute for Biophysical Chemistry, Paris, France	Robert, Charles	Bose Institute, Calcutta, India	Investigation of large-scale dynamic behaviour in protein – protein interactions: Relating interface architectures to function and identification of binding hotspots
Akhter, Yusuf	Indian	European Molecular Biology Laboratory, Hamburg, Germany	Wilmanns, Matthias	Center for DNA-fingerprinting & Diagnostics, Hyderabad, India	Structural and molecular dissection of the mycobacterial prokaryotic ubiquitin-like protein (Pup) conjugation pathway
Joshi, Anagha	Indian	Cambridge Institute for Medical Research, United Kingdom	Gottgens, Bertie	Ghent University, Belgium	TransRegHaem – reconstructing post-genomic network models for blood stem cells
Prabu, Jesuraj Rajan	Indian	Max Planck Institute for Biochemistry, Martinsried, Germany	Conti, Elena	Indian Institute of Science, Bangalore, India	Structural and functional characterization of THO complex
Dhir, Ashish	Indian	University of Oxford, United Kingdom	Proudfoot, Nicholas J.	International Centre for Genetic Engineering and Biotechnology, Trieste, Italy	The influence of RNA pol II elongation and coupled splicing on the process of pri-miRNA processing and exon tethering
Chatterjee, Jayanta	Indian	European Molecular Biology Laboratory, Heidelberg, Germany	Koehn, Maja	Technical University Munich, Germany	Chemical genetics of protein phosphatase-1
Abraham, Nixon	Indian	University Medical Center, Geneva, Switzerland	Carleton, Alan	University of Heidelberg, Germany	Mechanisms regulating adult born neurons migration
Subramanian, Lakshmi	Indian	University of Edinburgh, United Kingdom	Allshire, Robin C.	University of Illinois at Chicago, United States	Mechanisms of CENP-A assembly and propagation at fission yeast centromeres
Rashid, Umar Jan	Indian	European Molecular Biology Laboratory, Heidelberg, Germany	Mueller, Christoph	Goethe University, Frankfurt, Germany	Structural and Functional analysis of RNA Polymerase III from <i>S. cerevisiae</i>
Akiyoshi, Bungo	Japanese	Sir William Dunn School of Pathology, Oxford, United Kingdom	Gull, Keith	Fred Hutchinson Cancer Research Center, Seattle, United States	Elucidate the segregation mechanism of large and small chromosomes in <i>Trypanosoma brucei</i>

EMBO Long-Term Fellowships awarded in 2010 | Non-EMBC Member States' nationals

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Maeda, Shoji	Japanese	Paul Scherrer Institute, Villigen, Switzerland	Schertler, Gebhard	University of Hyogo, Kohto, Japan	Structure determination of active rhodopsin/ G-protein nano-signaling complex
Toda, Hirofumi	Japanese	Institute of Molecular Pathology, Vienna, Austria	Dickson, Barry J.	University of Tsukuba, Ibaraki, Japan	Divergence and convergence of pheromone signals in the fly brain
Krupovic, Mart	Lithuanian	Pasteur Institute, Paris, France	Forterre, Patrick	University of Helsinki, Finland	Sampling the unexplored diversity of novel DNA replication proteins from mobile elements
Loh, Edmund	Malaysian	Imperial College London, United Kingdom	Tang, Christoph M	Umeå University, Sweden	To identify and elucidate the role of novel regulatory RNAs in the human pathogen <i>Neisseria meningitidis</i> virulence
Chung, Betty Ying-Wen	New Zealander	University of Cambridge, United Kingdom	Baulcombe, David	University College Cork, Ireland	High resolution genome-wide analysis of RNA-silencing mediated translational regulation
Kang, Hae Joo	New Zealander	Imperial College London, United Kingdom	Iwata, So	University of Auckland, New Zealand	High-resolution structure determination of the GLUT family of membrane transporters
Cisse, Ibrahim	Nigerien	Ecole Normale Superieure, Paris, France	Darzacq, Xavier	University of Illinois, Urbana, United States	Single-molecule studies of RNA polymerase II dynamics in the nucleus of living mammalian cells
Popadin, Konstantin	Russian	University of Geneva, Switzerland	Antonarakis, Stylianios	Russian Academy of Sciences, Moscow, Russian Federation	Towards understanding of mitochondrial dysfunctions in Down syndrome patients – in-depth analysis of mitochondrial genome heteroplasmy
Popov-Celeketic, Dusan	Serbian	University of Groningen, The Netherlands	Poolman, Bert	University of Munich, Germany	Identification of the signals responsible for targeting of proteins to the vacuolar membrane
Tan, Linette	Singaporean	University of Heidelberg, Germany	Kuner, Rohini	The University of Melbourne, Parkville, Australia	Tumour-induced changes in sensory transmission in early- and late-stage bone cancer
Lee, Yuree	South Korean	University of Lausanne, Switzerland	Geldner, Niko	Pohang University of Science and Technology, South Korea	Localized cell wall deposition and vesicle trafficking in endodermal polarity and differentiation
Park, Hyun Jung	South Korean	Cambridge Institute for Medical Research, United Kingdom	Green, Anthony R	University of Illinois, Chicago, United States	An epigenetic mode of JAK/STAT signaling in haematological malignancies
Chou, Hsin-Hung	Taiwanese	Institute of Molecular Systems Biology, Zurich, Switzerland	Sauer, Uwe	Harvard University, Cambridge, United States	Role of redox homeostasis in robustness and evolvability of metabolic systems
Bui, Khanh Huy	Vietnamese	European Molecular Biology Laboratory, Heidelberg, Germany	Beck, Martini	Swiss Federal Institute of Technology, Zurich, Switzerland	Nuclear pore complex: Determination of subcomplex positioning by cryo-electron tomography and gene silencing approaches

EMBO Long-Term Fellowships 2010: Geographical distribution

Applications

Destination	Nationality																										Total				
	Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Irish	Israeli	Italian	Luxembourgian	Dutch	Norwegian	Polish	Portuguese	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British	Eastern European nationalities	US-American/Canadian	Other nationalities	
Austria								2	6							1		1		1		1			1	1	1	2	6	23	
Belgium		2						8	5	1				1	6					2			4			1		1	7	38	
Croatia																1														1	
Czech Republic																					1									1	
Denmark					1				6		1		1			1		1				5	4			2	1	1	2	26	
Estonia																														0	
Finland							2									1	1										1		3	8	
France		2	2		1	3	12	11	1	3			1	1	13	1		1	1				28				6	4	11	33	135
Germany	2	3	1	1		1	14	14	3	1			3		11	8		2	3			16	2	2	1	4	5	15	40	152	
Greece										8					1															9	
Hungary																										1				1	
Iceland																														0	
Ireland							2	1					2	1								4						2	1	13	
Israel						1		1						2	2				1	1			1				1	3	1	14	
Italy		1					5	2		1			1		10	2							3				1		2	8	36
Luxembourg																														0	
Netherlands	1	1					9	12		1				1	3			1	1			1	8		2	3	1		5	50	
Norway													1										1						2	4	
Poland																			1								1			2	
Portugal							2							2						12			4					1		21	
Slovak Republic																														0	
Slovenia																														0	
Spain		1			1	1	13	4	1				2		14	1		1	3	1	2	18	1	1		2		3	22	92	
Sweden				1			5	5	1					1	1	1	1	2	2			4					5	2	16	47	
Switzerland	3		2		1	3	19	17	2	3			1	4	10	4			3	2			9	1	1	2	1	6	9	20	123
Turkey				2																										2	
UK	1	2	1	1	1	1	41	24	1	4			2	15	24	12			5	4			58	2	4	1	3	6	16	57	288
EMBL							3	7							2				1	1			3							17	
Eastern Europe																														0	
USA/Canada	8	4	2	3	1	1	105	61	18	2	1	4	72	42		25		7	10	1		70	15	9	6	32	1	2	4	507	
Others	2	4					12	8	1				2	3	4	5						5	5	3		2			2	58	
Total	17	20	8	8	5	3	12	254	184	37	16	1	20	102	144	0	63	3	27	41	4	3	242	30	22	12	58	34	69	229	1668

EMBO Long-Term Fellowships 2010: Geographical distribution

Awards

Destination	Nationality	Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Irish	Israeli	Italian	Luxembourgian	Dutch	Norwegian	Polish	Portuguese	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British	Eastern European nationalities	US-American/Canadian	Other nationalities	Total
Austria										4											1								2	1	8	
Belgium									1	2					1	2															6	
Croatia																																
Czech Republic																																
Denmark																				1				1	1						3	
Estonia																																
Finland																																
France			1	1		1			3	6					1	1								1				1	1	2	4	23
Germany				1				1	4	7	1			1		1	4				1			3	1	1	1	2	1	3	9	42
Greece											2																				2	
Hungary																											1				1	
Iceland																																
Ireland																													1		1	
Israel																																
Italy									1							1															2	
Luxembourg																																
Netherlands		1							2	4		1				1								1		2		1			14	
Norway																																
Poland																																
Portugal																					2										2	
Slovak Republic																																
Slovenia																																
Spain									2	1																				3	6	
Sweden										4														1						1	6	
Switzerland		1					2	9	9		1				1	3	1		1	1				3	1			1	2	7	43	
Turkey																																
UK								3	10		1		1	3	2		4						1				3		7	10	45	
EMBL								1	1											1											3	
Eastern Europe																																
USA/Canada		1							7	12	4			1	14	3	4				2	2		4	2	2	2	6			66	
Others																	1						1								2	
Total		3	1	2	0	1	0	3	33	60	7	3	0	3	20	14	0	14	0	6	6	1	0	16	4	6	3	13	4	18	34	275

EMBO Short-Term Fellowships →→

EMBO Short-Term Fellowships: Statistics

Applications and awards 1977–2010

Year	Applications	Awards	Success rate %
2010	421	219	52
2009	495	255	52
2008	395	213	54
2007	409	211	52
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 and awards 2000–2010

Country from	Applications	% of total	Awards	% of total	Success rate %
Austria	34	1	17	1	50
Belgium	66	2	46	2	70
Croatia	33	1	17	1	52
Czech Republic	76	2	44	2	58
Denmark	24	1	13	1	54
Estonia	5	0	4	0	80
Finland	35	1	21	1	60
France	232	6	143	7	62
Germany	268	7	153	7	57
Greece	143	4	81	4	57
Hungary	90	2	53	3	59
Iceland	13	0	8	0	62
Ireland	38	1	22	1	58
Israel	148	4	100	5	68
Italy	601	16	303	15	50
Luxembourg	0	0	0	0	0
The Netherlands	107	3	67	3	63
Norway	14	0	6	0	43
Poland	145	4	67	3	46
Portugal	85	2	46	2	54
Slovak Republic	9	0	7	0	78
Slovenia	44	1	20	1	45
Spain	624	16	328	16	53
Sweden	42	1	27	1	64
Switzerland	54	1	34	2	63
Turkey	79	2	32	2	41
United Kingdom	149	4	95	5	64
Eastern Europe	257	7	116	6	45
Others	430	11	198	10	46
Total	3845	100	2068	100	54

EMBO Short-Term Fellowships awarded in 2010

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Sadou, Amel	Algerian	European Institute of Oncology, Milan, Italy	Scita, Giorgio	Curie Institute, Paris, France	Biochemical analysis of the interaction between WAVE and exocyst, two protein complexes involved in cell motility
Bubeck, Doryen	American	Spanish National Research Council, Madrid, Spain	Llorca, Oscar	Wellcome Trust Centre for Human Genetics / University of Oxford, UK	Assembly and regulation of the membrane attack complex in plasma
Burton, Oliver	American	Yale University, New Haven, USA	Wen, Li	University of Cambridge, UK	Investigating the role of TLR2 on T cells in Foxp3 induction by <i>Schistosoma mansoni</i> egg antigens in non obese diabetic mice
Watanabe, Shigeki	American	CNRS UMR 5091 PCS, Bordeaux, France	Choquet, Daniel	University of Utah, Salt Lake City, USA	Nanoscale localization of AMPA glutamate receptors within the synaptic spine by correlative fluorescence nanoscopy and electron microscopy
Astiz, Mariana	Argentinian	Severo Ochoa' Molecular Biology Centre, Madrid, Spain	Wandosell, Francisco	National University of La Plata, Argentina	Primary culture of mice cortical neurons as a model to study neurodegeneration mechanisms induced by environmental toxins
Binaghi, Maria	Argentinian	University of Victor Segalen, Bordeaux, France	Mongrand, Sebastien	Institute for Genetic Engineering and Molecular Biology, Buenos Aires, Argentina	Role and regulation of remorin and viral TGBp1 proteins in plant-virus interactions
Robles Luna, Gabriel	Argentinian	Institute of Plant Molecular Biology, Strasbourg, France	Heinlein, Manfred	Institute of Biotechnology and Molecular Biology, La Plata, Argentina	Study of the subcellular distribution and interaction among ophiiovirus proteins in <i>Nicotiana benthamiana</i>
Schor, Ignacio	Argentinian	Wellcome Trust Centre for Gene Regulation & Expression/University of Dundee, UK	Lleres, David	University of Buenos Aires, Argentina	New connections between chromatin structure and pre-mRNA splicing process
Vilchez Larrea, Salomé	Argentinian	Abo Akademi University, Turku, Finland	Lehtiö, Lari	Institute for Research on Molecular Biology and Genetic Engineering (INGEBI), Buenos Aires, Argentina	Structural analysis and inhibition of <i>Trypanosoma cruzi</i> poly(ADP-ribose) polymerase
Zanetti, Flavia Adriana	Argentinian	Spanish National Biotechnology Centre, Madrid, Spain	Rodriguez-Aguirre, Jose Francisco	Institute of Biotechnology, Buenos Aires, Argentina	Expression of structural IBDV-protein in recombinant poxviruses-infected cells – subviral particles analysis by electron microscopy
Boddey, Justin	Australian	Institute of Molecular Medicine, Lisbon, Portugal	Mota, Maria	The Walter and Eliza Hall Institute for Medical Research, Melbourne, Australia	Protein export by malaria parasites during liver cell infection
Kargl, Julia	Austrian	University of California, San Francisco, USA	Whistler, Jennifer	Medical University of Graz, Austria	Anxiolytic/anxiogenic effect of Rimonabant in GASP-1 knock-out mice

EMBO Short-Term Fellowships awarded in 2010

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Zaborsky, Nadja	Austrian	Laboratory of Molecular Biology, Cambridge, UK	Teichmann, Sarah	University of Salzburg, Austria	Unravelling the IRS1/2-responsive transcriptional regulatory network controlling TH2 differentiation: Insights from the granzyme B response to IL-4
Helsens, Kenny	Belgian	Aarhus University, Denmark	Bendixen, Eموke	Ghent University, Belgium	Design and development of an across-omics knowledge system for high-throughput data
Silva, Priscilla	Brazilian	Nencki Institute of Experimental Biology, Warsaw, Poland	Kaczmarek, Leszek	Fluminense Federal University, Rio de Janeiro, Brazil	Impact of metalloproteinases activity in the visual system of rats during development and plasticity
Kirkham, Amy	British	Pierre and Marie Curie University, Paris, France	Falciatore, Angela	University of East Anglia, Norwich, UK	RNA interference in the diatom <i>Thalassiosira pseudonana</i>
Ricketts, Thomas	British	International Centre for Genetic Engineering and Biotechnology, Trieste, Italy	Baralle, Francisco E.	University College London, UK	Functional characterisation of TDP-43 point mutations to guide future mouse phenotypic efforts
Short, Kirsty	British	Radboud University Nijmegen Medical Centre, The Netherlands	Hermans, Peter	University of Melbourne, Australia	The role of the influenza hemagglutinin in pneumococcal otitis media
White, Duncan	British	Harvard University, Cambridge, USA	Weitz, David	University of Cambridge, UK	Protein aggregation and disease in microfluidic devices
Saez, Pablo	Chilean	Curie Institute, Paris, France	Lennon, Ana-Maria	The Pontifical Catholic University of Chile, Santiago, Chile	Interferon-gamma and interleukin-6 regulate dendritic cell migration: Role of myosin II, Ii, connexin and pannexin hemichannels
Gómez Posada, Juan Camilo	Columbian	University of Cambridge, UK	Murrell-Lagnado, Ruth	University of the Basque Country, Bilbao, Spain	Analysis of the assembly and subunit arrangement of voltage-gated KCNQ2/KCNQ3 ion channels
Grcevic, Danka	Croatian	School of Dental Medicine/University of Connecticut Health Center, Farmington, USA	Kalajzic, Ivo	University of Zagreb/ School of Medicine, Croatia	Effects of lipopolysaccharide on osteoclast precursor cells
Kalebic, Nereo	Croatian	Columbia University, New York, USA	Chalfie, Martin	European Molecular Biology Laboratory, Monterotondo (RM), Italy	Defining the function of a novel family of acetyl-transferases in <i>C. elegans</i> mechanosensation
Matokanovic, Mirela	Croatian	McGill University, Montreal, Canada	Maysinger, Dusica	University of Zagreb, Croatia	RNA interference nanotechnology utilization in scaling heat shock protein 70 involvement in tumour cell apoptosis
Arbesu Valdivia, Alejandro	Cuban	Stockholm University, Sweden	Barth, Andreas	Center of Molecular Immunology, Havana, Cuba	Structural characterization of recombinant proteins of therapeutic relevance in cancer
Campos, Javier	Cuban	University of Cantabria, Santander, Spain	de la Cruz, Fernando	National Center for Scientific Investigation, Havana, Cuba	High-throughput screening of inhibitors of bacterial conjugation

EMBO Short-Term Fellowships awarded in 2010

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Valiente Flores, Pedro Alberto	Cuban	Max Plank Institute for Biophysical Chemistry, Göttingen, Germany	Groenhof, Gerrit	Centre for Protein Research/University of Havana, Cuba	Identification of novel conformational states in Plasmepsin II by molecular dynamic simulations: Implications for designing more potent and selective antimalarial drugs
Jindrichova, Marie	Czech	University of Cambridge, UK	Murrell-Lagnado, Ruth	Institute of Physiology ASCR, Prague, Czech Republic	The regulation of trafficking of the P2X4 purinergic receptor from lysosomes to the cell surface and investigation of its role in lysosome function
Krylov, Vladimir	Czech	National Institute for Medical Research, London, UK	Zimmerman, Lyle	Charles University, Prague, Czech Republic	A binary transgenic enhancer trap screen in <i>Xenopus tropicalis</i>
Vopalensky, Pavel	Czech	European Molecular Biology Laboratory, Heidelberg, Germany	Arendt, Detlev	Institute of Molecular Genetics, Prague, Czech Republic	Molecular dissection of <i>Platynereis</i> r-opsin promoter
Peng, Xu	Danish	Sir William Dunn School of Pathology/University of Oxford, UK	Bell, Stephen D.	Archaea Center/ Copenhagen University, Denmark	Virus – host interactions in the model archaeon <i>Sulfolobus</i>
Abeln, Sanne	Dutch	The University Chemical Laboratory, Cambridge, UK	Dobson, Chris	VU University, Amsterdam, The Netherlands	Structural and dynamical properties of neurodegenerative disease causing oligomers: A computational multi-scale approach intertwined with experimental input
Borst,* Gerben	Dutch	Royal Cancer Hospital, London, UK	Harrington, Kevin	The Netherlands Cancer Institute “Antoni van Leeuwenhoek” Hospital, Amsterdam, The Netherlands	<i>In vitro</i> and <i>in vivo</i> radiosensitization by inhibiting Chk1
Meuleman, Wouter	Dutch	Broad Institute of MIT and Harvard, Cambridge, USA	Kellis, Manolis	The Netherlands Cancer Institute (NKI), Amsterdam, The Netherlands	Identification of functional elements mediating genome – nuclear lamina interactions
Oudhoff, Menno	Dutch	Whitehead Institute for Biomedical Research, Cambridge, USA	Ploegh, Hidde	Academic Centre for Dentistry Amsterdam, The Netherlands	Isolation and identification of the cellular receptor for histatin
Riem Vis, Paul	Dutch	Heart Science Centre/ Harefield Hospital, UK	Chester, Adrian H.	University Medical Center Utrecht, The Netherlands	Determination of pathways that regulate Runx2 expression and are involved in heart valve calcification
van Dijk, David	Dutch	Weizmann Institute of Science, Rehovot, Israel	Segal, Eran	University of Amsterdam, The Netherlands	Stochastic simulation of nucleosome positioning and transcriptional regulation
van Duivenvoorde, Leonie	Dutch	UT Southwestern Medical Center, Dallas, USA	Taugog, Joel David	Amsterdam Medical Center, The Netherlands	Self-antigens can trigger chronic autoimmune inflammation through activation of innate rather than acquired immune pathways

*recipient of the 2010 EMBO Molecular Medicine Sabbatical

EMBO Short-Term Fellowships awarded in 2010

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
van Vugt, Marcel	Dutch	Whitehead Institute for Biomedical Research, Cambridge, USA	Brummelkamp, Thijn	University Medical Center Groningen, The Netherlands	Haploid genetics screens to identify genes that modulate homologous recombination-deficiency
Zaal, Afra	Dutch	Merck Research Laboratories, Palo Alto, USA	Oft, Martin	University Medical Center Utrecht, The Netherlands	Prognostic value of micrometastasis in cervical cancer in relation to serum proteins
Hussein Ibrahim, Gehan	Egyptian	University of Trento, Italy	Denti, Michela A.	Suez Canal University, Ismailia, Egypt	Application of antisense RNA mediated gene therapy as a new therapeutic strategy for retinal dystrophies and dysfunctions
Lorents, Annelly	Estonian	University of Coimbra, Portugal	Pedroso de Lima, Maria C.	Institute of Molecular and Cell Biology, Tartu, Estonia	Cell-penetrating peptide and membrane interactions: A biophysical approach
Beaslas, Olivier	French	Amsterdam Center for Drug Research, Leiden, The Netherlands	Van Eck, Miranda	Minerva Foundation Institute for Medical Research, Helsinki, Finland	Involvement of oxysterol binding-protein related protein 8 in atherosclerotic lesions development
Bordes, Patricia	French	Stockholm University, Sweden	de Gier, Jan-Willem	CNRS - LMGM, Toulouse, France	Membrane-localized DnaK(Hsp70) chaperone in <i>E. coli</i> : Implications for biogenesis of the inner membrane proteome
Chateau, Alice	French	Tufts University School of Medicine, Boston, USA	Sonenshein, Abraham L.	Pasteur Institute, Paris, France	Direct identification of CodY binding sites in the total <i>Bacillus anthracis</i> genome
Chauveau, Anne	French	Cochin Institute, Paris, France	Trautmann, Alain	Imperial College London, UK	Characterisation of membrane nanotubes <i>in vivo</i>
Crozat, Estelle	French	Howard Hughes Medical Institute/Columbia University, New York, USA	Greene, Eric	University of Oxford, UK	Real time DNA translocation by FtsK
Hiblot, Julien	French	Weizmann Institute of Science, Rehovot, Israel	Tawfik, Dan	University of the Mediterranean Aix-Marseille II, France	Development of a new weapon against <i>Pseudomonas aeruginosa</i> by rational directed evolution
Poque, Sylvain	French	Spanish National Biotechnology Centre, Madrid, Spain	Garcia, Juan Antonio	INRA - Research Centre of Bordeaux, France	Identification of the viral protein(s) interacting with newly-identified plum pox virus susceptibility host factor(s)
Vingadassalom, Didier	French	University of Cambridge, UK	Koronakis, Vassilis	University of Massachusetts Medical School, Worcester, USA	N-WASP independent actin assembly mediated by the enterohemorrhagic <i>E. coli</i> protein EspF(U)
Alwes, Frederike	German	Institute of Molecular Biology and Biotechnology (IMBB), Heraklion, Greece	Averof, Michalis	Harvard University, Cambridge, USA	Germline regeneration in the crustacean <i>Parhyale hawaiensis</i>
Bartfeld, Sina	German	Hubrecht Institute, Utrecht, The Netherlands	Clevers, Hans	Max Planck Institute for Infection Biology, Berlin, Germany	Establishment of a new model for <i>Helicobacter pylori</i> infection using stem cell-derived organoids

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Becker, Annemarie	German	University of California, San Francisco, USA	Weissman, Jonathan	Center for Molecular Biology/University of Heidelberg, Germany	Quantitative analysis of trigger factor and DnaK substrates using <i>in vivo</i> chemical cross-linking and deep sequencing
Berndt, Andre	German	Friedrich Miescher Institute, Basel, Switzerland	Oertner, Thomas	Humboldt University Berlin, Germany	Performance of new channelrhodopsin-2 variants for the optical control of neural activity
Buchert, Felix	German	The University of Kansas, Lawrence, USA	Richter, Mark	Justus-Liebig-University Giessen, Germany	Reassembly of recombinant chloroplast ATP synthase F1 portion and its susceptibility to singlet oxygen
Fischer, Daniela	German	European Molecular Biology Laboratory, Grenoble, France	Weissenhorn, Winfried	Institute of Virology/ University Hospital Ulm, Germany	Investigation of the binding characteristics of the human cytomegalovirus tegument protein pUL71 with the ESCRT protein Vps4
Keinath, Nana	German	University of California, Riverside, USA	Raikhel, Natasha	University of Heidelberg, Germany	Proteomic analysis of early endosomal cargo accumulating after V-ATPase inhibition and bacterial elicitor treatment
Kohlhepp, Florian	German	Glasgow University, UK	Mottram, Jeremy	Heidelberg University School of Medicine, Germany	Unfurling ferlin-family members in the apicomplexan parasite <i>Toxoplasma</i>
Kolb, Thorsten	German	University of Cambridge, UK	Guck, Jochen	German Cancer Research Center, Heidelberg, Germany	The contribution of nuclear lamins for cellular mechanics
Parzefall*, Thomas	German	Sackler School of Medicine, Tel Aviv, Israel	Avraham, Karen B.	Medical University of Vienna, Austria	Identification of microRNAs involved in hair cell regeneration in vertebrate inner-ear sensory epithelia
Paulick, Anja	German	Oxford Centre for Integrative Systems Biology/University of Oxford, UK	Armitage, Judith	Max Planck Institute for Terrestrial Microbiology, Marburg, Germany	A novel functional hybrid motor in <i>Shewanella oneidensis</i> MR-1
Schlieder, Marlen	German	Hiesinger Neurogenetics Laboratory, Dallas, USA	Hiesinger, Robin	University of Leuven School of Medicine, Belgium	Analysis of pruning events of synaptic axonal branches by high-resolution 4D live imaging
Schmohl, Michael	German	Albanova University, Stockholm, Sweden	Schwenk, Jochen	University of Tübingen, Germany	Multiplexed bead based immunoassays to analyze hundreds of parameters using a direct labelling approach
Schroter, Christian	German	Institute of Bioengineering, Lausanne, Switzerland	Deplancke, Bart	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	The bHLH interactome of the zebrafish segmentation clock
Siegmund, Kerstin	German	University of Calgary, Canada	Kubes, Paul	University of Basel, Switzerland	Role for coronin-1A in leukocyte migration – <i>in vivo</i> analysis using intravital microscopy
Tamer, Ceyhun	German	University College London, UK	Sivilotti, Lucia	Institute of Zoology/ Technical University of Darmstadt, Germany	NR1/NR3A excitatory glycine receptors: analysis of channel properties and desensitisation kinetics

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Tillich, Michael	German	University of Exeter, UK	Grant, Murray	Humboldt University Berlin, Germany	Chloroplast gene expression and functions in plant immunity
Tsytlonok, Maksym	German	Duke University, Durham, USA	Marszalek, Piotr E.	Hutchison/MRC Research Centre, Cambridge, UK	Single molecule atomic force microscopy of HEAT repeat protein PR65/A
Wagner, Nicole	German	MRC Human Genetics Unit/Western General Hospital, Edinburgh, UK	Hastie, Nick	INSERM U907, Nice, France	WT1 function in cancer growth <i>via</i> tumour vascularisation
Wintermann, Frank	German	University of Chicago, USA	Kent, Stephen B. H.	University of Osnabrück, Germany	Total chemical synthesis of subunit gamma of <i>E. coli</i> F-ATPase
Dimarogona, Maria	Greek	University of Copenhagen, Denmark	Lo Leggjo, Leila	National Technical University of Athens, Greece	Structural studies of a family 61 glycoside hydrolase from <i>Sporotrichum thermophile</i> Greece
Dimitrakis, Polychronis	Greek	University of Toronto, Canada	von Harsdorf, Ruediger	University of Bern, Switzerland	Role of autophagy in Doxo-induced cardiotoxicity
Drineas, Petros	Greek	Democritus University of Thrace, Alexandroupolis, Greece	Paschou, Peristera	Rensselaer Polytechnic Institute, Troy, USA	Leveraging linear discriminant analysis for simultaneous testing of SNPs in genome- wide association studies
Evnouchidou, Irini	Greek	University of Massachusetts Medical School, Worcester, USA	Stern, Lawrence J.	NCSR Demokritos, IRRP, Agia Paraskevi Attikis, Greece	Investigation of the biochemical mechanism behind the link of ER aminopeptidase 1 single nucleotide polymorphisms and autoimmune disease predisposition
Ikonomou, Georgia	Greek	Rudbeck Laboratory, Uppsala, Sweden	Landegren, Ulf	Biomedical Sciences Research Center "Alexander Fleming", Vari, Greece	Investigation of the role of H-ras in colorectal carcinogenesis
Mylonis, Ilias	Greek	Cambridge Institute for Medical Research, UK	Siniossoglou, Symeon	University of Thessaly, Larissa, Greece	The role of hypoxia inducible factor-1 in the regulation of lipins
Papadopoulou, Aikaterini	Greek	University of Copenhagen, Copenhagen, Denmark	Silahtaroglu, Asli	University Hospital Gasthuisberg, Leuven, Belgium	Detailed mapping of miR-29 expression in the mouse brain
Pefani, Dafni	Greek	Wellcome Trust Centre for Gene Regulation & Expression/University of Dundee, UK	Blow, Julian	University of Patras, Greece	Study of Idas, a novel Geminin related protein, and its role in licensing using the <i>Xenopus</i> replication licensing system
Pertesi, Maroulis	Greek	International Agency for Research on Cancer (IARC), Lyon, France	Lesueur, Fabienne	Institute of Radioisotopes & Radiodiagnostic Products, NCSR 'Demokritos', Athens, Greece	Classification of unclassified variants in the BRCA1 and BRCA2 genes
Zacharioudaki, Evanthia	Greek	Development and Neuroscience/University of Cambridge, UK	Bray, Sarah	Institute of Molecular Biology and Biotechnology, Heraklion, Greece	Identification of Notch target genes during larval neurogenesis in <i>D. melanogaster</i>

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Álmos,* Péter	Hungarian	Medical University of Vienna, Austria	Klepetko, Walter	National Institute of Oncology, Budapest, Hungary	The role of erythropoietin in human non-small cell lung cancer
Enyedi, Balázs	Hungarian	Geneva Medical Center, Switzerland	Maechler, Pierre	Semmelweis University, Budapest, Hungary	Measurement and manipulation of hydrogen peroxide levels in pancreatic beta-cells
Kovács, Károly	Hungarian	University of Bath, UK	Hurst, Laurence	Institute of Biochemistry/ Biological Research Center of the Hungarian Academy of Sciences, Szeged, Hungary	Dissecting the spatial distribution of yeast genes
Lukács, Anna	Hungarian	Institute of Cancer Research, London, UK	Zvelebil, Marketa	Vita-Salute San Raffaele University, Milan, Italy	Analysis of gene expression in regeneration and upon oncogene induction in CSN5/JAB1 knockout livers
Rényi-Vámos,* Ferenc	Hungarian	European Molecular Biology Laboratory, Monterotondo, Italy	Gross, Cornelius	University of Szeged, Hungary	Investigation of neural circuits that control impulsivity and repetitive behaviour in transgenic models
Petursdottir, Dagbjört	Icelandic	University Medical Center Groningen, The Netherlands	Harmsen, Martin C.	Landspítali University Hospital, Reykjavik, Iceland	The role of T-cells and omega-3 polyunsaturated fatty acids in early endothelial progenitor cell differentiation
Bashir, Tufail	Indian	Institute of Plant Biology, Zurich, Switzerland	Grossniklaus, Ueli	Indian Institute of Technology Madras, Chennai, India	Induction of somatic mutations in <i>Arabidopsis</i> hybrids, an analysis of mutation types and frequencies
Johnston, Amal	Indian	National Institute for Basic Biology, Okazaki, Japan	Hasebe, Mitsuyasu	Leibniz Institute of Plant Genetics (IPK), Gatersleben, Germany	Evolution of egg cell fate in plants
Sankaran, Prabha Devi	Indian	Institution of Biomolecular Chemistry, Naples, Italy	Ciavatta, Letizia	National Institute of Oceanography, Goa, India	The use of marine microbes as potential sources of economically important compounds
Singh, Abhay Kumar	Indian	Albert-Ludwigs-University, Freiburg, Germany	Einsle, Oliver	All India Institute of Medical Sciences, New Delhi, India	Structural analysis of peptide inhibitor complexes of COX-2 and LOX by co-crystallization
Srivastava, Ashish Kumar	Indian	Institute of Plant Biology and Biotechnology, Münster, Germany	Kudla, Jörg	Bhabha Atomic Research Centre, Mumbai, India	Use of thiourea to investigate the involvement of redox state in regulating the calcium signalling: Identification of the redox-sensitive components of salinity stress perception in <i>Arabidopsis thaliana</i>
Mulhern, Orla	Irish	University of Massachusetts Medical School, Worcester, USA	Fitzgerald, Kate	School of Biochemistry and Immunology/Trinity College, Dublin, Ireland	Characterising the innate immune response in DDX3-deficient mice
Ryan, John	Irish	University of Heidelberg, Germany	Muckenthaler, Martina	Centre for Liver Disease/ Mater Misericordiae University Hospital, Dublin, Ireland	The role of bone morphogenic protein-6 (BMP-6) in the hepcidin deficiency of HFE hereditary haemochromatosis

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Bar-On, Dana	Israeli	Julius-Maximilians-University Würzburg, Germany	Sauer, Markus	Tel-Aviv University, Israel	dSTORM imaging of SNARE proteins anatomy at the inner leaflet of the plasma membrane
Frumkin, Idan	Israeli	University of Tübingen, Germany	Rapaport, Doron	The Weizmann Institute of Science, Rehovot, Israel	Uncovering the role of SPF1 in mitochondrial tail-anchored protein insertion
Kuslansky, Yael	Israeli	Max Planck Institute for Infection Biology, Berlin, Germany	Vogel, Jürg	Hadassah Medical School/ The Hebrew University, Jerusalem, Israel	Target identification of island-encoded small RNAs of <i>Salmonella</i>
Lavi Levenstein, Ayal	Israeli	Albert-Ludwigs-University, Freiburg, Germany	Egert, Ulrich	Tel-Aviv University, Israel	From neuron to network: The role of DOC2B in neuronal network plasticity
Moyal Ben Zvi, Michal	Israeli	John Innes Centre, Norwich, UK	Martin, Cathie	The Hebrew University of Jerusalem, Rehovot, Israel	Characterization of a novel regulator of floral scent production in <i>Petunia hybrida</i>
Orevi, Tomer	Israeli	Center for Structural Biochemistry, Montpellier, France	Royer, Catherine A.	Bar-Ilan University, Ramat Gan, Israel	Loop closure by non local hydrophobic interactions as essential step in initiation of folding transition of adenylate kinase
Philosof, Alon	Israeli	CNRS-INSU-UPMC, UMR 7144, Roscoff, France	Garczarek, Laurence	Technion Israel Institute of Technology, Haifa, Israel	Metagenomics of viral 'photosynthesis'
Sade, Nir	Israeli	Biochemistry and Plant Molecular Physiology, Montpellier, France	Maurel, Christophe	The Hebrew University of Jerusalem, Rehovot, Israel	Characterizing osmotic and hydraulic root and leaf conductivity of <i>Arabidopsis thaliana</i> plants silenced in the whole AtPIP AQP gene family
Bartolini, Giorgia	Italian	Harvard University, Boston, USA	Arlotta, Paola	Miguel Hernández University of Elche, Alicante, Spain	Cellular and molecular mechanisms involved in interneurons layering
Beltrami, Alessandra	Italian	Structural Genomics Consortium/University of Oxford, UK	Bullock, Alex N.	Free University of Berlin, Germany	Crosstalk between BMP type II receptor tail domain, cGMP dependent kinase I (cGKI) and LIM kinase 1 (LIMK1)
Biselli, Chiara	Italian	School of Biological Sciences/University of Bristol, UK	Edwards, Keith J.	CRA-Genomic Research Centre, Fiorenzuola d'Arda (PC), Italy	Characterisation of novel introgressions in allohexaploid wheat using targeted resequencing
Caldarola, Sara	Italian	University of Southampton, UK	Proud, Christopher	University of Rome "Tor Vergata", Rome, Italy	Relationship between mTORC1 pathway and ribosomal stress
Campello, Silvia	Italian	University of Rome Tor Vergata, Rome, Italy	Cecconi, Francesco	University of Geneva, Switzerland	Analysis of mitochondrial dynamics and autophagy on activation-induced cell death
Colonna, Vincenza	Italian	The Wellcome Trust Sanger Institute, Hinxton, UK	Tyler-Smith, Chris	Institute of Genetics and Biophysics 'Adriano Buzzati-Traverso', Naples, Italy	Modeling human demographic history using 1000 genomes project pilot data
Conte, Vito	Italian	University of Barcelona, Spain	Rodríguez, Ester	King's College London, UK	Modelling the viscoelastic behaviour of human lung epithelial cells
Corallino, Salvatore	Italian	Institute of Cancer Research, London, UK	Huang, Paul	University of Rome "Tor Vergata", Rome, Italy	Interaction network mediated by protein tyrosine phosphatases

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Corisiero, Elisa	Italian	Max-Planck Institute for Infection Biology, Berlin, Germany	Wardemann, Hedda	William Harvey Research Institute, London, UK	Generation of monoclonal antibodies from single human B cells by single RT-PCR
Croia, Cristina	Italian	Superior Health Institute, Rome, Italy	Aloisi, Francesca	William Harvey Research Institute, London, UK	Role of EBV infection and reactivation in autoimmune B cell dysregulation within tertiary lymphoid structures in rheumatoid arthritis
De Domenico, Stefania	Italian	French National Center for Scientific Research, Paris, France	Gruber, Véronique	Institute of Sciences of Food Production C.N.R., Lecce, Italy	Oxylipin signalling in abiotic stress responses of legume roots
De Filippis, Bianca	Italian	University of Oxford, UK	Bannerman, David M.	Superior Health Institute, Rome, Italy	The role of individual group II metabotropic glutamate receptors in arousal and cognition
De Rubeis, Silvia	Italian	New York University, USA	Klann, Eric	Catholic University of Leuven, Belgium	Identification of the regulatory pathways affecting the FMRP-CYFIP1 complex at synapses
Dell'Acqua, Simone	Italian	Albert-Ludwigs-University, Freiburg, Germany	Einsle, Oliver	New University of Lisbon, Caparica, Portugal	Anaerobic purification and crystallization of nitrous oxide reductase from <i>Pseudomonas nautica</i> in different redox states
Drago, Ilaria	Italian	Max Planck Florida Institute, Jupiter, USA	Young, Samuel M.	University of Padova, Italy	Production and testing of a neuron-specific adenovirus coding for a FRET-based mitochondrial Ca ²⁺ sensor
Errico, Maria Cristina	Italian	University of Surrey, Guildford, UK	Morgan, Richard	Superior Health Institute, Rome, Italy	HOXB7/PBX dependent regulation of microRNA-221/-222
Esposito, Carla Lucia	Italian	Dana Farber Cancer Institute, Boston, USA	Draetta, Giulio	Insittute of Experimental Endocrinology and Oncology "G. Salvatore", Naples, Italy	Functional characterization of glioma-specific aptamers on human neural stem cells-derived cell lines
Falace, Antonio	Italian	Mediterranean Insitute of Neurobiology (INMED), Marseille, France	Cardoso, Carlos	University of Genova, Italy	Exploring the role of TBC1D24, a new gene involved in human epilepsy, in cortical development
Ferrari, Matteo	Italian	National University of Ireland, Galway, Ireland	Santocanale, Corrado	University of Milan, Italy	Identification of Polo-like kinase interactors in response to DNA damage
Ferraro, Alessandra	Italian	Harvard Medical School, Boston, USA	Benoist, Christophe	San Raffaele Diabetes Research Institute, Milan, Italy	Gene expression profiling of T1D regulatory T cells
Iaconis, Daniela	Italian	Inserm U845, Paris Descartes University, France	Pende, Mario	TIGEM - Telethon Institute of Genetics and Medicine, Naples, Italy	Investigation of the role of OFD1 protein in mTOR pathway and in the machinery of RNA translation
Lindner, Matias	Italian	University of Zurich, Switzerland	Grossniklaus, Ueli	University of Milan, Italy	The role of TAF13 within PcG complexes

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Manfredi, Irene	Italian	Yale University, New Haven, USA	Picciotto, Marina R.	CNR-Institute of Neuroscience, Milan, Italy	<i>In vivo</i> silencing of the alpha6 nicotinic receptor subunit and its relevance to the effects of nicotine exposure relevant to addiction
Marchi, Saverio	Italian	INSERM, Villejuif, France	Kroemer, Guido	University of Ferrara, Italy	Regulation of autophagy by mitochondrion-targeted Akt
Mariggio, Stefania	Italian	University of Wisconsin School of Medicine and Public Health, Madison, USA	Gumperz, Jenny	Institute of Protein Biochemistry/Italian National Research Council, Naples, Italy	Regulation of CD1d-dependent lipid antigen presentation and T-cell activation by phosphoinositide derivatives
Matrone, Carmela	Italian	Albert Einstein College of Medicine, New York, USA	Luciano, D'Adamo	Institute of Neurobiology and Molecular Medicine, Rome, Italy	Role of NGF in APP phosphorylation and processing
Nastasi, Giancarlo	Italian	University College London, UK	Mayor, Roberto	University Polyclinic of Messina, Italy	Role of versican in neural crest cells migration
Pendin, Diana	Italian	Rice University, Houston, USA	McNew, James	University of Padova, Italy	<i>In vitro</i> analysis of human atlastins activity
Porreca, Immacolata	Italian	Cologne University/ Institute of Developmental Biology, Germany	Hammerschmidt, Matthias	University of Naples "Federico II", Italy	Uncovering the role of Bone Morphogenetic Protein (BMP) signalling on thyroid development
Puca, Rosa	Italian	Tel-Aviv University, Israel	Rechavi, Gideon	National Cancer Institute "Regina Elena", Rome, Italy	Evaluation of gene expression pathways related to reversible HIPK2 activation/ inactivation in tumour cells during hypoxia and zinc supplementation
Ramazzotti, Matteo	Italian	University of Cambridge, UK	Lio', Pietro	University Florence, Italy	Statistical approaches for studying microflora in pediatric gut diseases with microarray and pyrosequencing
Rossi, Martina	Italian	Johannes Gutenberg University, Mainz, Germany	Kadereit, Joachim W.	University of Bologna, Italy	Taxonomy and phylogeny of <i>Gentiana lutea</i> L. (Sect. <i>Gentiana</i>), inferred from chloroplast and nuclear markers
Saccone, Valentina	Italian	Sanford-Burnham Medical Research Institute, San Diego, USA	Rana, Tariq M.	Dulbecco Telethon Institute (DTI), Rome, Italy	Functional interactions between myogenic miRNAs and SWI/SNF & the control of muscle-derived stem cell decision to adopt the myogenic or adipogenic lineage
Sambri, Irene	Italian	Hospital de la Santa Creu i Sant Pau, Barcelona, Spain	Martínez-González, Jose	The Cardiovascular Research Centre, Naples, Italy	Role of the miRNA cluster -17-92 in the regulation of NR4A 2/3 subfamily of nuclear receptors: Implications for vascular remodelling
Santoriello, Cristina	Italian	Howard Hughes Medical Institute/Children's Hospital, Boston, USA	Zon, Leonard	IFOM, FIRC foundation of Molecular Oncology, Milan, Italy	Large-scale chemical screen in a zebrafish melanoma model

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Sapienza, Maria Rosaria	Italian	Ohio State University, Columbus, USA	Croce, Carlo M.	University of Bologna, Italy	Integrated expression profiling of blastic plasmacytoid dendritic cell neoplasm (BPDCN)
Scialò, Filippo	Italian	Max Planck Institute for Chemical Ecology, Jena, Germany	Hansson, Bill S.	Institute of Genetics and Biophysics, Naples, Italy	Identification of <i>Aedes albopictus</i> odorant receptors as potential targets of new insecticides or chemoattractants
Teardo, Enrico	Italian	University of Osnabrück, Germany	Wagner, Richard	University of Padova, Italy	Electrophysiological characterization of a chloroplast-located glutamate receptor
Tonazzini, Ilaria	Italian	Erasmus Medical Center, Rotterdam, The Netherlands	Elgersma, Ype	University of Pisa, Italy	Study of UBE3A-knockout neurons: Research on neuronal plasticity in patho-physiological conditions
Ishikawa, Ko	Japanese	University of Cambridge, UK	Vidal-Puig, Antonio	Chiba University, Chiba, Japan	A CXCL12-CXCR4 pathway promotes brown adipose tissue growth and activation
Shimura, Hanako	Japanese	Institute of Plant Virology, CNR, Turin, Italy	Burgyán, József	Hokkaido University, Sapporo, Japan	Characterization of the yellow mosaics induced by cucumber mosaic virus Y-satellite RNA to understand the molecular mechanism for the symptom induction
Githae, Dedan	Kenyan	University of Rome, Italy	Tramontano, Anna	Kenya Medical Research Institute, Kisumu, Kenya	Protein modelling approach of PfTR as an antimalarial drug target
Ndungu, Francis	Kenyan	Karolinska Institute, Stockholm, Sweden	Farnert, Anna	KEMRI-Wellcome Trust, Kilifi, Kenya	Immunological memory to malaria in Swedish travelers
El-Showk, Sedeer	Lebanese	John Innes Centre, Norwich, UK	Grieneisen, Veronica	Institute of Biotechnology, Helsinki, Finland	Multi-level modelling of vascular morphogenesis in the <i>Arabidopsis</i> root
Zamudio Orozco, Rodolfo	Mexican	University of Lisbon, Portugal	Carmo Fonseca, Maria	University of Bern, Switzerland	Nonsense mediated mRNA decay trapped inside the nucleus: Investigating the subcellular localization of NMD
Ghislal, Ghita	Moroccan	University of Padua, Italy	Rizzuto, Rosario	Research Centre Principe Felipe, Valencia, Spain	Involvement of calcium in the regulation of proteolysis, and analysis of the possible participation of the proteins annexin I, annexin V and copine I in the process
Poudel, Bhawana	Nepalese	European Molecular Biology Laboratory, Monterotondo, Italy	Rosenthal, Nadia	Imperial College London, UK	Cell-based gene therapy to heal the infarcted heart
Sengupta, Biswa	Nepalese	Ludwig-Maximilians University, Munich, Germany	Herz, Andreas	University of Cambridge, UK	Theoretical basis of neuronal energy efficiency
Adaramoye, Oluwatosin	Nigerian	Charite University Medicine, Berlin, Germany	Gollasch, Maik	Univeristy of Ibadan, Nigeria	High throughput screening of herbs of Nigerian-origin as soluble epoxide hydrolase and 20-hydroxyeicosatetraenoic acid synthesis inhibitors: A novel therapeutic target in hypertension

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Feroz, Saima	Pakistani	University of Groningen, The Netherlands	Fraaije, Marco W.	Technical University of Vienna, Austria	Kinetic analysis of thermostable Baeyer-Villiger monooxygenases
Hussain, Khadim	Pakistani	University of Basel, Switzerland	Hohn, Thomas	Institute for Biotechnology and Genetic Engineering, Faisalabad, Pakistan	Suppressors of RNA silencing encoded by cotton leaf curl Burewala virus, a resistance breaking species
Boniecka, Justyna	Polish	The Sainsbury Laboratory, Norwich, UK	Zipfel, Cyril	Max F. Perutz Laboratories (MFPL), Vienna, Austria	Control of signalling events downstream of PAMP perception
Grzyb, Joanna	Polish	Max Planck Institute for Bioinorganic Chemistry, Muelheim, Germany	Reijerse, Edward J.	Polish Academy of Sciences, Warsaw, Poland	<i>De novo</i> designed coiled-coil alpha helical iron-sulfur proteins – improved stability and redox properties
Hasiow-Jaroszewska, Beata	Polish	Spanish National Research Council, Valencia, Spain	Elena, Santiago F.	Institute of Plant Protection/National Research Institute, Poznan, Poland	Molecular evolution of viral multifunctional proteins – the case of potyvirus HC-PRO
Link-Lenczowski, Pawel	Polish	University of Oxford, UK	Butters, Terry D.	Jagiellonian University, Krakow, Poland	Analysis of changes in glycosylation patterns during malignant melanoma progression
Lipinska, Urszula	Polish	Pasteur Institute, Paris, France	Glaser, Philippe	Ghent University, Belgium	Genome comparison of rabbit and human <i>Staphylococcus aureus</i> strains belonging to clonal complex 121
Miekus, Katarzyna	Polish	The Bellvitge Institute for Biomedical Research, Barcelona, Spain	Fabregat, Isabel	Jagiellonian University, Krakow, Poland	Study of the crosstalk and interactions between Met and CXCR4 receptors
Roszczenko, Paula	Polish	Catholic University of Leuven, Belgium	Collet, Jean-Francois	University of Warsaw, Poland	Biochemical characterization of <i>H. pylori</i> Dsb proteins (HPO377 and HPO231)
Suska, Anna	Polish	Washington State University, Pullman, USA	Dong, Yan	European Neuroscience Institute, Göttingen, Germany	Cocaine-inducible circuitry reorganization as a basis for addiction-related memory traces
Szaumkessel, Marcin	Polish	Institute of Human Genetics/Christian-Albrechts University, Kiel, Germany	Siebert, Reiner	Institute of Human Genetics, Poznan, Poland	Epigenetic alterations study of Fanconi anaemia/BRCA pathway genes in laryngeal squamous cell carcinoma (LSCC)
Szczepaniak, Sylwia	Polish	Sir William Dunn School of Pathology/University of Oxford, UK	Murphy, Shona	University of Warsaw, Poland	Contribution of the RNA polymerase II C-terminal domain and cap-binding complex to the coordination of transcription termination of <i>S. cerevisiae</i> sn/snoRNA genes
Ferreira, Daniel	Portuguese	VU University Medical Center, Amsterdam, The Netherlands	Carvalho, Beatriz	Institute of Molecular Pathology and Immunology of the University of Porto, Portugal	Systematic analysis of novel and previously characterized E-cadherin expression repressors/modulators in gastric cancer
Henriques, Telmo	Portuguese	Sir William Dunn School of Pathology/University of Oxford, UK	Proudfoot, Nicholas	Institute of Molecular and Cell Biology, Porto, Portugal	Poised RNA polymerase II as a roadblock to promote transcription termination on tandem-closely spaced genes

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Koch, Marta	Portuguese	Dalhousie University, Halifax, Canada	Meinertzen, Ian	University of Leuven School of Medicine, Belgium	Ultrastructural characteristics of the regenerating axonal sprouts in a <i>Drosophila</i> melanogaster model of brain injury/ regeneration
Pereira, Nelson	Portuguese	European Molecular Biology Laboratory, Heidelberg, EMBL	Schneider, Reinhard	Technical University of Lisbon, Portugal	Reliability score for refined multiple sequence alignment for new homology database
Pinheiro, Hugo	Portuguese	British Columbia Cancer Agency (BCCA), Vancouver, Canada	Huntsman, David	Institute of Molecular Pathology and Immunology of the University of Porto, Portugal	Resequencing CDH1 in hereditary diffuse gastric cancer
Rocha, Miguel	Portuguese	European Molecular Biology Laboratory- European Bioinformatics Institute, Cambridge, UK	Luscombe, Nicholas	University of Minho, Braga, Portugal	Improving genome-scale phenotypic predictions and strain optimization methods using regulatory constraints
Veiga, Helena	Portuguese	Harvard FAS Center for Systems Biology, Cambridge, USA	Jun, Suckjoon	New University of Lisbon, Oeiras, Portugal	Study of <i>Staphylococcus aureus</i> cell division using the entrapped cells organized for living imaging technique
Ventura, Sonia	Portuguese	Institute of Health Carlos III, Madrid, Spain	Rodriguez Martinez, Javier Maria	The Gulbenkian Institute of Science, Oeiras, Portugal	To define the mechanism and impact of two virus genes inhibiting interferon and chemokine responses
Moruz, Luminita	Romanian	Ghent University, The Netherlands	Martens, Lennart	Stockholm Bioinformatics Center/Stockholm University, Sweden	Accurate retention time prediction for post-translationally modified peptides
Ludanny, Ruslan	Russian	Albert-Ludwigs-University, Freiburg, Germany	Wlodarski, Marcin	Institute of Gene Biology Russian Academy of Science, Moscow, Russian Federation	Study of ribosomal genes associated with Diamond Blackfan anaemia
Ludwig, Anastasia	Russian	Mediterranean Institute of Neurobiology (INMED), Marseille, France	Medina, Igor	Institute of Biotechnology, Helsinki, Finland	Role of KCC2 in synaptic plasticity and dendritic spine stabilization
Moiseeva, Tatiana	Russian	University of Leicester, UK	Eperon, Ian	Institute of Cytology RAS, Saint-Petersburg, Russian Federation	The role of proteasomes in regulation of splicing
Nenasheva, Tatiana	Russian	National Institute for Medical Research, London, UK	Molloy, Justin	Microbiology Laboratory, Satka, Russian Federation	Single molecule imaging of the mobility, clustering and dimerisation status of M2 muscarinic acetylcholine receptors in live cardiomyocytes
Shchepetilnikov, Mikhail	Russian	University of Basel, Switzerland	Pooggin, Mikhail	Institute of Plant Molecular Biology, Strasbourg, France	A link between TOR signalling and RNA silencing in plants

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Cerovic, Milica	Serbian	University of Victor Segalen, Bordeaux, France	Bezard, Erwan	Cardiff University, UK	The role of the Ras-ERK signalling pathway in the synaptic plasticity of two distinct subpopulations of striatal medium spiny neurons
Loncar, Nikola	Serbian	Cologne University, Germany	Trifunovic, Aleksandra	Belgrade University, Serbia	Mitochondrial translation defects in ageing
Vigasova, Dana	Slovak	Masaryk University, Brno, Czech Republic	Krejčí, Lumír	Cancer Research Institute/ Slovak Academy of Sciences, Bratislava, Slovakia	Defying a biological role for Nej1–Srs2 complex
Sabotic, Jerica	Slovenian	ETH Zurich/Institute of Microbiology, Switzerland	Künzler, Markus	Jozef Stefan Institute, Ljubljana, Slovenia	The role of mycocypins in fungal defence against nematodes
Agúndez Cortés, Leticia	Spanish	King's College University of London, UK	Linden, Michael	University of Cantabria, Santander, Spain	Site-specific integration of exogenous DNA in the human genome mediated by the conjugative relaxase TrwC
Alonso Curbelo, Direna	Spanish	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Agami, Reuven	Spanish National Cancer Research Centre (CNIO), Madrid, Spain	Genome-wide RNA interference to define and improve the therapeutic efficacy of dsRNA-based nanocomplexes in human melanoma
Alvarez Ortega, Maria Belen	Spanish	National Institute for Agronomic Research (INRA), Toulouse, France	Genin, Stephane	Valencian Institute for Agricultural Science Research, Spain	Molecular characterization of <i>Ralstonia solanacearum</i> PC (Phenotype Conversion) mutants isolated from natural habitats
Armesto Sulla, Paula	Spanish	National Institute for Agronomic Research (INRA), Colmar, France	Legras, Jean Luc	University of Cadiz, Spain	Re-evaluation of flor sherry wine strains variability under new specific molecular typing techniques and study of phylogenetic relationships to other yeast populations
Beltran, Eduardo	Spanish	Max-Planck Institute, Martinsried, Germany	Dornmair, Klaus	Institute of Sanitary Investigation, Valencia, Spain	Identification of neuroaxonal antigens recognized by IGM present in the CSF of MS patients
Bermudez, Maria-Angeles	Spanish	University of Essex, Colchester, UK	Mullineaux, Philip	University of Seville, Spain	Investigation on the role of S-sulfocysteine in the chloroplast function
Buitrago-Perez, Águeda	Spanish	University of Leeds, UK	Stonehouse, Nicola J.	CIEMAT, Madrid, Spain	Use of RNA aptamers as tools for basic analysis and therapy against pathologies associated with human papillomavirus infection
Cuccioli, Valentina	Spanish	Pasteur Institute, Paris, France	Lledo, Pierre Marie	Insitute of Neuroscience, Alicante, Spain	Hippocampal migratory stream in developmental and postnatal brain
Escolá Gil, Juan Carlos	Spanish	Wihuri Research Institute, Helsinki, Finland	Lee-Rueckert, Miriam	Hospital de la Santa Creu i Sant Pau, Barcelona, Spain	Role of mast cell activation on macrophage-specific reverse cholesterol transport <i>in vivo</i>
Escoté, Xavier	Spanish	Montpellier Cancer Research Institute, France	Fajas, Lluís	The Institute of Sanitary Investigations Pere Virgili, Tarragona, Spain	Apoptosis in human adipose tissue

EMBO Short-Term Fellowships awarded in 2010

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
García-Gómez, Marta	Spanish	King's College University of London, UK	Antoniou, Michael	CIEMAT, Madrid, Spain	Generation of lentiviral vectors with erythroid specific expression for gene therapy of pyruvate kinase deficiency
Garzon Arango, Marta	Spanish	Nijmegen Centre for Molecular Life Sciences, The Netherlands	Friedl, Peter	University Institute of Oncology of Asturias, Oviedo, Spain	Implication of FAK (Focal Adhesion Kinase) in three-dimensional environments: Role in collective cell migration
Gasulla, Francisco	Spanish	Institute of Molecular Physiology and Biotechnology of Plants/ University of Bonn, Germany	Bartels, Dorothea	University of Valencia, Burjassot, Spain	Insights on phospholipase D signalling in response to dehydration stress: Molecular and physiological analysis of <i>Arabidopsis</i> pld-alpha1/pld-delta /pld-epsilon mutants
Gil Rodríguez, María Concepción	Spanish	University Medical Center Schleswig-Holstein, Lübeck, Germany	Gillessen-Kaesbach, Gabriele	University of Zaragoza, Spain	Beyond the Cornelia de Lange syndrome: Interaction of NIPBL with other molecules
Guillaumet Adkins, Amy Lauren	Spanish	Institute of Human Genetics/Christian-Albrechts University, Kiel, Germany	Siebert, Reiner	Institute for Biomedical Research, Barcelona, Spain	Quantifying promoter DNA-methylation levels of the potential diagnostic/prognostic marker WT1/AWT1 in haematological malignancies
Isasa Catalan, Marta	Spanish	Harvard Medical School, Boston, USA	Cygi, Steven P.	Institute for Molecular Biology of Barcelona, CSIC, Barcelona, Spain	Characterization of novel levels of proteasome regulation
Julián, Patricia	Spanish	Max Plank Institute for Biophysical Chemistry, Göttingen, Germany	Rodnina, Marina	Center for Cooperative Research in Biosciences (CIC bioGUNE), Derio, Spain	Study of the IF2*GTPase function using transient kinetics
Llamusi, Beatriz	Spanish	Sloan-Kettering Institute, New York, USA	Baylies, Mary	University of Valencia, Spain	Analysis of miR-7 involvement in muscle development and myotonic dystrophy pathogenesis
Luque Ortega, Juan Roman	Spanish	Pasteur Institute, Paris, France	Spaeth, Gerald	Spanish National Research Council, Madrid, Spain	Inhibition of <i>Leishmania</i> MAPK signalling pathway by cell-penetrating peptides conjugated to MAPK-activation loop sequences
Martin, Irene	Spanish	Ludwig-Maximilians University, Munich, Germany	Wagner, Ernst	Institute for Research in Biomedicine (IRB), Barcelona, Spain	Solid phase synthesis of targeted polymers for nucleic acid delivery
Martin-Ibanez, Raquel	Spanish	Cardiff School of Biosciences, UK	Rosser, Anne	University of Barcelona, Spain	Study of the derivation and culture of fetal human neural stem cells
Martin-Perez, Rosa	Spanish	University of California, San Diego, USA	Niwa, Maho	Andalusian Center for Molecular Biology and Regenerative Medicine, Seville, Spain	Cross-talk between TRAIL signalling and the unfolded protein response in tumour cells

EMBO Short-Term Fellowships awarded in 2010

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Munoz-Soriano, Veronica	Spanish	Mount Sinai School of Medicine, New York, USA	Modzik, Marek	University of Valencia, Burjassot, Spain	Interactions and dynamics of the immunoglobulins Hbs and Rst during ommatidial rotation
Ortega, Esther	Spanish	Institute of Structural and Molecular Biology/ University of London, UK	Moore, Carolyn	University of Salamanca, Spain	Structure of the plakin domain of plectin
Perez-Perez, Maria Esther	Spanish	Membrane and Molecular Physiology of the Chloroplast, Paris, France	Wollman, Francis-André	Scientific Research Center "Isla de La Cartuja", Seville, Spain	The role of autophagy in chloroplast degradation under stress conditions
Queralt Martin, Maria	Spanish	Eunice Kennedy Shriver National Institute of Child Health and Development, Bethesda, USA	Rostovtseva, Tatiana K.	Jaume I University, Castello de la Plana, Spain	A molecular mechanism of interaction of VDAC with C-terminal tails of mammalian tubulin
Regot, Sergi	Spanish	ETH Zurich, Switzerland	Peter, Matthias	Pompeu Fabra University, Barcelona, Spain	Microfluidics and single cell analysis of the HOG pathway response
Rigau, Marina	Spanish	Centre de Recherche Public de la Santé (CRP-Santé), Luxemburg	Domon, Bruno	Research Insitute of Vall Hebron Hospital, Barcelona, Spain	Identification of prostate cancer urinary biomarkers by proteomics
Rodriguez-Rojas, Alexandro	Spanish	Free University of Berlin, Germany	Hengge, Regine	Spanish National Biotechnology Centre, Madrid, Spain	Potential effects of 8-oxo-GTP on <i>Escherichia coli</i> stress physiology, with a particular focus on second messenger signaling
Roig, Ignasi	Spanish	Sloan-Kettering Institute, New York, USA	Keeney, Scott	UAB Barcelona, Cerdanyola del Vallès, Spain	Analysis of meiotic checkpoint in mammalian spermatocytes
Saucedo Cuevas, Laura Paula	Spanish	Institute for Cancer Genetics/Columbia University, New York, USA	Silva, Jose M.	Spanish National Cancer Research Centre (CNIO), Madrid, Spain	Identification of novel genes involved in breast cancer pathogenesis & progression: Functional analysis of candidate genes
Sole Castellvi, Montserrat	Spanish	John Innes Center, Norwich, UK	Jone, Jonathan	University of Barcelona, Spain	Heterologous expression of <i>Ralstonia GMI1000</i> AWR effectors in <i>Pseudomonas syringae</i> and evaluation of contribution to pathogenicity in <i>A. thaliana</i>
Suárez, Cristina	Spanish	University of Heidelberg, Germany	Krijnse Locker, Jacomine	Severo Ochoa' Molecular Biology Centre, Madrid, Spain	Application of electron tomography to the study of the African swine fever virus morphogenesis
Vergarajauregui, Silvia	Spanish	Duke University, Durham, USA	Bagnat, Michel	Severo Ochoa' Molecular Biology Centre, Madrid, Spain	Analysis of new proteins implicated in lumen formation using the zebrafish gut as an <i>in vivo</i> model
Haglund, Kaisa	Swedish	Institute for Research in Biomedicine, Barcelona, Spain	Gonzalez, Cayetano	Centre for Cancer Biomedicine/The Norwegian Radium Hospital, Oslo, Norway	Analysing the role of endocytic regulators in cytokinesis using <i>Drosophila melanogaster</i> as a model system

EMBO Short-Term Fellowships awarded in 2010

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Liu, Yu-Nan	Taiwanese	University of Cambridge, UK	Jackson, Sophie	National Tsing Hua University, Hsinchu, Taiwan	The folding kinetics of the HP0242, a unique dimeric knot fold
Cadirci, Bilge	Turkish	Estacion Experimental del Zaidin, CSIC, Granada, Spain	Krell, Tino	Gaziosmanpaşa University, Tokat, Turkey	Understanding the complexity of the transcriptional regulation of solvent degradation
Mardin, Balca	Turkish	Institute of Cancer Research, London, UK	Bayliss, Richard	Center for Molecular Biology/University of Heidelberg, Germany	Biochemical and structural characterization of Mst1/2 kinases
Telkoparan, Pelin	Turkish	University Medical Center Utrecht, The Netherlands	Rehmann, Holger	Bilkent University, Ankara, Turkey	Characterization of the functional role of coiled-coil domain containing protein-124 (Ccdc-124) in the control of Rap2 by RasGEF1
Turkseven, Saadet	Turkish	Institute for Research in Biomedicine, Barcelona, Spain	Zorzano, Antonio	Ege University, Izmir, Turkey	Role of DOR protein (diabetes obesity-regulated) in mitochondrial autophagy
Pismenetskaya, Irine	Ukrainian	Glycobiology Institute of Oxford University, UK	Butters, Terry D.	Dniepropetrovsk State Medical Academy, Dniepropetrovsk, Ukraine	Free oligosaccharides – ‘by-products’ of cell quality control – as potential biomarkers of glycosylation alterations in diseases
Reyes Martínez, Carina Andrea	Uruguayan	University of Strasbourg, France	Pfeffer, Sebastien	National University of La Plata, Argentina	Study of the mechanism of down-regulation of miR-27 in cells infected with murine cytomegalovirus (MCMV)
Le, Tung	Vietnamese	University of Texas, Houston, USA	Brennan, Richard G.	John Innes Centre, Norwich, UK	The role of the disordered arm of the TetR-like protein SimR in DNA binding

EMBO Short-Term Fellowships 2010: Geographical distribution

Applications

To	From	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	Ireland	Israel	Italy	Luxembourg	Netherlands	Norway	Poland	Portugal	Slovak Republic	Slovenia	Spain	Sweden	Switzerland	Turkey	UK	Eastern Europe	USA/Canada	Others	Total
Austria										1						2															2	5
Belgium																2				1				1		1						6
Croatia																						1										0
Czech Republic																							1									1
Denmark			3								1										1			1						1		7
Estonia																																0
Finland										1														1						2		4
France			2	1				1		1	2	1		1	3	6								10				4		2	6	40
Germany	1						1							1	4	5					3	2		12		1	4	2		10		46
Greece																													2	1		3
Hungary																																0
Iceland																																0
Ireland																2								1								3
Israel								1	1						1		1											1				5
Italy								1													1		1	1	1	1	3	1		7		16
Luxembourg																								1								1
Netherlands	1						1	2	2			1			5					1	1		2	1	1			1	3		22	
Norway																				1			1									2
Poland																						1							1			2
Portugal						1										1			1					3	1				2			9
Slovak Republic																																0
Slovenia				1																		1										2
Spain	1							1		2					3		1	2	2	3						2	2	1	7		27	
Sweden								1	1	2										1				3						3		11
Switzerland	1							1	2		1				1					1			1	2		1	1		3		15	
Turkey																																0
UK	2				2	1	1	1	7	3	1				4	18		3		3	2			12	1	1		4	3	14		83
EMBL					1		1		1						1						2						1	1	1	1		10
Eastern Europe																				1												1
USA/Canada	3	3	2	2				3	10		1	1		2	17		7			1	3			19	2	2		8		1		87
Others								2	1						2		1				1		2	1		2	1				13	
Total		9	8	4	5	1	1	5	11	29	11	4	1	3	13	66	0	13	3	15	17	2	2	72	5	5	6	25	10	12	63	421

EMBO Short-Term Fellowships 2010: Geographical distribution

Awards

To	From	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	Ireland	Israel	Italy	Luxembourg	Netherlands	Norway	Poland	Portugal	Slovak Republic	Slovenia	Spain	Sweden	Switzerland	Turkey	UK	Eastern Europe	USA/Canada	Others	Total
Austria																																0
Belgium																				1												1
Croatia																																0
Czech Republic																						1										1
Denmark			2								1																					3
Estonia																																0
Finland																								1						1		2
France			1					1			1				3	4								6				3		1	4	24
Germany														1	4	4					2	1		8			2	1		5	28	
Greece																													2		2	
Hungary																																0
Iceland																																0
Ireland																1																1
Israel									1							1		1														3
Italy									1															1		1	2			4		9
Luxembourg																								1								1
Netherlands		1						1		1			1			1						1		2	1		1			1		11
Norway																																0
Poland																														1		1
Portugal																										1				1		3
Slovak Republic																																0
Slovenia																																0
Spain									1							1				1	2	1					2	2		3		13
Sweden									1	1	1																			2		5
Switzerland									1	2		1				1								1	1					2		9
Turkey																																0
UK		2						1	1	7	3	1			1	9		2		2	1			8				1	1	5		48
EMBL					1					1												2						1				5
Eastern Europe																																0
USA/Canada		1	3	2					1	5	1			1		11		5				2		9		2		5				48
Others										1																						1
Total		4	6	2	3	1	1	3	7	18	7	2	1	2	8	33	0	8	1	7	8	1	1	37	1	4	3	15	2	4	29	219

EMBO Young Investigators

www.embo.org/programmes/yip

yip@embo.org

The *EMBO Young Investigator Programme* supports outstanding young group leaders in the early years of their independent careers. Launched in 2000, the programme has highlighted 248 scientists in 23 EMBC Member States. The Young Investigators benefit from training opportunities designed to raise their profile, widen their networks and support for their research groups.

Gerlind Wallon
Programme Manager

EMBO Young Investigators 2010

Name	Nationality	Institute	Research interest	Country
Berezikov, Eugene	Russian	Hubrecht Institute, Utrecht	Small RNAs & regeneration	Netherlands
Bühler, Marc	Swiss	Friedrich Miescher Institute, Basel	Non-coding RNAs & chromatin	Switzerland
Carroll, Jason	Australian	Cancer Research UK Cambridge Research Institute	Estrogen receptor activity	United Kingdom
Corona, Davide	Italian	University of Palermo/Dulbecco Telethon Institute	Chromatin remodelling & epigenetics	Italy
Daumke, Oliver	German	Max Delbrück Center, Berlin	G-proteins in membrane remodelling	Germany
Fischer, André	German	European Neuroscience Institute, Göttingen	Epigenetic mechanisms of cognitive diseases	Germany
Grill, Stephan	German	MPI-PKS & MPI-CBG, Dresden	Cellular biophysics	Germany
Klose, Robert	Canadian	University of Oxford	Epigenetics & chromatin biology	United Kingdom
Komander, David	German	MRC Laboratory of Molecular Biology, Cambridge	Specificity in the ubiquitin system	United Kingdom
Kondrashov, Fyodor	Russian	Center for Genomic Regulation, Barcelona	Evolutionary genomics	Spain
Lehner, Ben	British	Center for Genomic Regulation and ICREA, Barcelona	Genetic systems	Spain
Mäkinen, Taija	Finnish	Cancer Research UK London Research Institute	Lymphatic development	United Kingdom
Rico, Beatriz	Spanish	Institute of Neuroscience, Alicante	Neural circuits development	Spain
Rizzoli, Silvio	Romanian	European Neuroscience Institute, Göttingen	STED microscopy of synaptic function	Germany
Selbach, Matthias	German	Max Delbrück Center, Berlin	Cell signalling & mass spectrometry	Germany
Silva-Santos, Bruno	Portuguese	Institute of Molecular Medicine, Lisbon	Molecular immunology	Portugal
Tanay, Amos	Israeli	Weizmann Institute of Science, Rehovot	Epigenetics & genome regulation	Israel
Tarsounas, Madalena	Greek	University of Oxford	Telomeres & genome stability	United Kingdom
Teleman, Aurelio	Italian/ American	German Cancer Research Center, Heidelberg	Signal transduction in cancer & metabolism	Germany
Verstrepen, Kevin	Belgian	VIB and KU Leuven	Genomics & systems biology	Belgium
Wilson, Daniel	New Zealander/ British	Gene Center, University of Munich	Regulation of the ribosome	Germany

EMBO Young Investigators 2000–2009

Adams, Ralf	Davis, Daniel	Ketting, René	Nissen, Poul	Seoane, Joan
Agami, Reuven	de Gier, Jan-Willem	Khakh, Baljit S.	Noselli, Stéphane	Simons, Mikael
Allain, Frédéric	Del Pozo, Miguel A.	Klaholz, Bruno	Odom, Duncan	So, Eric
Alon, Uri	Delledonne, Massimo	Knoblich, Jürgen	Oldroyd, Giles	Sorek, Rotem
Antonny, Bruno	Dessen, Andrea	Köhler, Claudia	Otzen, Daniel	Sourjik, Victor
Arber, Silvia	Dickson, Barry	Konieczny, Igor	Owen, David	Spahn, Christian
Arkowitz, Robert	Dominguez, María	Kunji, Edmund	Owen-Hughes, Tom	Spang, Anne
Arribas, Joaquin	Donaldson, Anne	Labib, Karim	Oxenius, Annette	Stancheva, Irina
Ashe, Hilary	Dutzler, Raimund	Längst, Gernot	Palková, Zdena	Stock, Daniela
Averof, Michalis	Einsle, Oliver	Lappalainen, Pekka	Palmer, Ruth	Sträßer, Katja
Barkai, Naama	Elena, Santiago	Lecuit, Thomas	Pasero, Philippe	Strick, Terence
Barr, Francis	Etienne-Manneville, Sandrine	Lemaitre, Bruno	Peeper, Daniel	Stumpf, Michael
Barral, Yves	Fankhauser, Christian	Levashina, Elena A.	Pellizzoni, Livio	Suomalainen-Wartiovaara, Anu
Barre, François-Xavier	Fernández-Capetillo, Óscar	Leys, David	Peracchi, Alessio	Szabò, Ildikò
Batista, Facundo	Fernández-Chacón, Rafael	Logan, Malcolm	Perrakis, Anastassis	Taipale, Jussi
Baum, Buzz	Friml, Jiri	Lohmann, Jan	Peters, Antoine	Tamagnone, Luca
Behrens, Axel	Fuks, François	Löwe, Jan	Peters, Jan-Michael	Tanaka, Tomoyuki
Beja, Oded	Gerhardt, Holger	Lygerou, Zoi	Philpott, Dana	Tapon, Nicolas
Bellaïche, Yohanns	Gilich, Daniel	M. Madan, Babu	Pierre, Philippe	Tavernarakis, Nektarios
Ben-Yehuda, Sigal	Gil, Jesús	Málnási Csizmadia, András	Pilpel, Yitzhak	Teichmann, Sarah
Berger, Frédéric	Glotzer, Michael	Mansuy, Isabelle	Poirazi, Panayiota	Telford, Maximilian
Bertolotti, Anne	Gönczy, Pierre	Manzanares, Miguel	Polo, Simona	Théron, Pascal
Bertrand, Edouard	González-Reyes, Acaimo	Marín, Oscar	Posas, Francesc	Trouche, Didier
Bettencourt-Dias, Mónica	Gotta, Monica	Marine, Jean-Christophe	Radtke, Freddy	Trumpp, Andreas
Blanpain, Cédric	Hajnal, Alex	Marston, Adèle	Reich, Ziv	Tsiantis, Miltos
Blázquez, Miguel	Hardingham, Giles	Martin, Sophie	Rescigno, Maria	Tuschl, Thomas
Bochtler, Matthias	Harkany, Tibor	Martín-Bermudo, María	Ricci, Romeo	Uhlmann, Frank
Boulton, Simon	Hassan, Bassem	Dolores	Robinson, Robert	Ulrich, Helle
Bouso, Philippe	Haucke, Volker	Martín-Serrano, Juan	Rodriguez, Ivan	Ungermann, Christian
Boutros, Michael	Helariutta, Ykä	Martínez, Javier	Roska, Botond	van Aalten, Daan
Briscoe, James	Helms, Volkhard	Más, Paloma	Rouse, John	Van den Ackerveken, Guido
Bujnicki, Janusz	Hidalgo, Alicia	Mattevi, Andrea	Sahai, Erik	van der Goot, Gisou
Bumann, Dirk	Hirst, Judy	Mehlen, Patrick	Salecker, Iris	van Steensel, Bas
Carleton, Alan	Holstege, Frank	Meier, Pascal	Santos, Manuel	Vendruscolo, Michele
Casares, Fernando	Hoogenraad, Casper	Meraldi, Patrick	Saudou, Frédéric	Vinkemeier, Uwe
Cavaillé, Jérôme	Hopfner, Karl-Peter	Milán, Marco	Schärer, Orlando D.	Viola, Antonella
Chin, Jason	Hoppe, Thorsten	Miska, Eric	Schedl, Andreas	Voinnet, Olivier
Chiti, Fabrizio	Hummel, Thomas	Mitchell, Kevin	Schleper, Christa	Walther, Tobias
Christoforidis, Savvas	Ivaska, Johanna	Morillon, Antonin	Schlötterer, Christian	Wimmer, Ernst A.
Clausen, Tim	Janke, Carsten	Mosialos, George	Schneitz, Kay	Wutz, Anton
Collinson, Ian	Jansen, Ralf	Mota, Maria	Schnittger, Arp	Zeeman, Samuel
Conradt, Barbara	Jensen, Torben Heick	Møller, Simon Geir	Schratt, Gerhard	Zernicka-Goetz, Magdalena
Cosma, Maria Pia	Jovine, Luca	Musacchio, Andrea	Schubeler, Dirk	Zimmermann, Pascale
Costanzo, Vincenzo	Kaessmann, Henrik	Nagy, László	Schulze, Almut	
Cramer, Patrick		Nehrbass, Ulf	Schwappach, Blanche	
Currie, Peter		Neuhauss, Stephan	Scorrano, Luca	
d'Adda di Fagnana, Fabrizio		Nichols, Benjamin	Segal, Eran	

EMBO Young Investigators: statistics

Applications and awards 2001–2010

Country	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010	
	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.
Austria	3	0	1	0	0	0	3	1	3	1	3	0	2	1	1	0	2	0	1	0
Belgium	2	0	3	0	2	1	1	0	3	0	6	2	6	1	2	0	6	1	3	1
Croatia	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Czech Republic	0	1	6	0	14	0	4	0	2	0	2	0	0	0	1	0	1	0	0	0
Denmark	0	0	0	0	2	2	0	0	1	0	3	0	2	0	1	0	0	0	2	0
Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finland	1	0	4	1	3	0	9	0	2	0	5	2	8	0	2	0	2	0	1	0
France	17	4	26	4	26	2	17	3	14	2	16	4	8	3	11	1	11	0	12	0
Germany	22	4	17	4	15	3	30	3	23	4	27	2	19	3	21	1	17	2	22	7
Greece	1	2	4	1	3	0	4	1	6	0	4	0	4	0	2	0	2	0	2	0
Hungary	1	0	6	0	7	1	5	0	1	0	3	0	0	0	3	0	1	0	0	0
Iceland	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0
Ireland	3	0	0	0	0	0	3	1	1	0	2	0	0	0	0	0	1	0	2	0
Israel	7	1	4	0	5	1	5	0	3	1	5	1	2	1	4	0	6	1	7	1
Italy	6	3	14	3	11	1	14	0	14	1	11	3	9	1	4	0	15	1	12	1
Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
the Netherlands	6	2	3	0	4	0	3	1	5	1	8	0	5	1	7	0	7	1	7	1
Norway	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poland	2	0	8	1	6	0	8	1	2	0	0	0	0	0	1	0	1	0	0	0
Portugal	6	1	2	0	2	1	3	0	4	0	2	0	1	0	1	0	2	1	5	1
Slovak Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	1	0	2	0	1	0	0	0	0	0	1	0	0	0
Spain	26	1	18	2	26	2	21	1	17	1	16	0	18	3	12	1	8	0	14	3
Sweden	3	0	15	0	7	1	8	0	3	1	10	0	14	1	3	0	3	1	4	0
Switzerland	11	3	12	3	5	1	8	1	8	3	5	2	4	0	5	2	11	6	11	1
Turkey	1	0	2	0	2	0	1	0	0	0	0	0	2	0	3	0	1	0	0	0
United Kingdom	30	1	23	4	21	5	20	7	13	2	22	5	26	3	32	7	24	3	32	5
Others	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0
Total	150	23	169	23	163	21	172	20	128	17	153	21	131	18	116	12	123	17	137	21
Female	44	4	45	4	47	7	39	4	32	2	32	6	37	3	32	2	34	4	39	3
Male	106	19	124	19	116	14	133	16	96	15	121	15	94	15	84	10	89	13	98	18

EMBO Young Investigators: Statistics

General statistics for all young investigators (at time of application) 2000–2010

	Average
Age	35.2
Post-doctoral years	4.6
Total number of publications	22.8
Last-author publications	4
First-author publications	9.8

Pre- and/or post-doctorate spent in USA

	No.	% of total
USA	148	59.7

Post-doctoral fellowships received from international agencies

	No.	% of total
EMBO	78	31.5
HFSP	67	27.0
EU TMR	25	10.1

EMBO Young Investigator Lectures 2010

Young investigator	Lecture title	Venue	Date
Segal, Eran	Molecular basis for chromatin structure and regulation	US–Taos, NM	17–22 January
Gerhardt, Holger	Developmental Vascular Biology Workshop IV	US–Pacific Grove, CA	10–13 February
Schnittger, Arp	Molecular aspects of plant development	AT–Vienna	23–26 February
Schnittger, Arp	2nd International Meeting on Plant DNA Repair and Recombination	US–Pacific Grove, CA	2–5 March
Vendruscolo, Michele	Proteolysis and Neurodegeneration Workshop	ES–Madrid	4–7 May
Gerhardt, Holger	EMBO Molecular Medicine Workshop: Cell guidance signals in cancer	IT–Portofino Vetta	6–9 May
Fernandez-Capetillo, Oscar	EMBO Conference series on Recombination Mechanisms Recombination and connections to SUMO and ubiquitin modifications	IT–Lucca	17–21 May
Pasero, Philippe	EMBO Conference series on Recombination Mechanisms Recombination and connections to SUMO and ubiquitin modifications	IT–Lucca	17–21 May
Polo, Simona	Ubiquitin chains in trafficking	FR–Paris	20–21 May
Meier, Pascal	Multidisciplinary approaches in cell death research	TR–Side, Antalya	28–31 May
Saudou, Frédéric	Multidisciplinary approaches in cell death research	TR–Side, Antalya	28–31 May
Tapon, Nicolas	Multidisciplinary approaches in cell death research	TR–Side, Antalya	28–31 May
Polo, Simona	2nd Workshop on Vesicular Transport and Cancer	FI–Turku	7–9 June
Simons, Mikael	2nd Workshop on Vesicular Transport and Cancer	FI–Turku	7–9 June
Odom, Duncan	Disease, development and stem cell of the pancreas	SE–Stockholm	14–16 June
Ivaska, Johanna	The cytoskeleton in development and pathology	SE–Djurönäset	19–24 June
Milán, Marco	The molecular and developmental biology of <i>Drosophila</i>	GR–Kolymbari	20–26 June
Tapon, Nicolas	The molecular and developmental biology of <i>Drosophila</i>	GR–Kolymbari	20–26 June
Etienne-Manneville, Sandrine	Biomembrane dynamics: From Molecules to Cells	FR–Corsica	20–29 June
Fuks, François	35th FEBS Congress – Molecules of Life	SE–Gothenburg	26 June–1 July
Ivaska, Johanna	35th FEBS Congress – Molecules of Life	SE–Gothenburg	26 June–1 July
Más, Paloma	35th FEBS Congress – Molecules of Life	SE–Gothenburg	26 June–1 July
Rescigno, Maria	35th FEBS Congress – Molecules of Life	SE–Gothenburg	26 June–1 July
Schnittger, Arp	35th FEBS Congress – Molecules of Life	SE–Gothenburg	26 June–1 July
Scorrano, Luca	35th FEBS Congress – Molecules of Life	SE–Gothenburg	26 June–1 July
Rescigno, Maria	Host–microbes interactions	GR–Spetses	1–9 September

EMBO Young Investigator Lectures 2010

Young investigator	Lecture title	Venue	Date
Martin, Sophie	BSCB Autumn Meeting Cell Organisation through the Cell Cycle	UK–Oxford	5–7 September
Bumann, Dirk	ESF Research Conference Bacterial Networks 10	ES–Sant Feliu de Guixols	5–9 September
Sourjik, Victor	ESF Research Conference Bacterial Networks 10	ES–Sant Feliu de Guixols	5–9 September
Fernandez-Capetillo, Oscar	DGDR 2010 Replication Meets Repair	DE–Jena	7–10 September
Gotta, Monica	Cell Division: Time and Space	FR–Roscoff	11–15 September
Pasero, Philippe	Cell Division: Time and Space	FR–Roscoff	11–15 September
Walther, Tobias	Towards a comprehensive understanding of endoplasmic reticulum functions	ES–Girona	3–8 October
Martín-Serrano, Juan	Biochemistry and Cell Biology of ESCRTs in Health and Disease ASBMB 2010 Special Symposia	US–Snowbird	14–17 October
Schulze, Almut	FEBS Workshop Therapeutic Targets in Cancer Cell Metabolism & Death	IT–Capri	23–26 October
Sorek, Rotem	CRISPR – Mechanisms and Applications	NL–Wageningen	21–22 October
So, Eric	WNT2010	SE–Stockholm	27–30 October
Schulze, Almut	Barcelona BioMed Conference Cancer Metabolism	ES–Barcelona	8–10 November

EMBO Installation Grants

www.embo.org/programmes/installation-grants

yip@embo.org

EMBO Installation Grants, begun in 2006, strengthen science by funding researchers to relocate and establish laboratories in one of the participating member states of Croatia, Czech Republic, Estonia, Poland, Portugal and Turkey. Awardees are closely integrated into the Young Investigator network, helping them to build reputations in the European scientific community.

Gerlind Wallon
Programme Manager

EMBO Installation Grant Recipients 2010

Name	Nationality	Moving to	Moving from	Research interest
Adams, Michelle	American	Bilkent University Ankara, Turkey	Wake Forest University Winston-Salem, United States	Caloric restriction and ageing
Dunn, Cory	American	Koç University Istanbul, Turkey	HHMI at Columbia University New York, United States	Mitochondrial DNA damage
Figueiredo, Luísa	Portuguese	Institute of Molecular Medicine Lisbon, Portugal	The Rockefeller University New York, United States	Antigenic variation
Krejčí, Alena	Czech	University of South Bohemia České Budejovice, Czech Republic	University of Cambridge United Kingdom	Notch signalling in cellular metabolism
Seyrantepe, Volkan	Turkish	Izmir Institute of Technology Turkey	University of Montreal Canada	Biological functions of mammalian sialidases
Świeżewski, Szymon	Polish	Institute of Biochemistry and Biophysics Warsaw, Poland	John Innes Centre Norwich, United Kingdom	ncRNA-based gene regulation
Wilanowski, Tomasz	Polish/ Australian	Nencki Institute of Experimental Biology Warsaw, Poland	The Royal Melbourne Hospital Australia	Grainyhead-like transcription factors

EMBO Courses & Workshops

www.embo.org/programmes/courses-workshops

courses_workshops@embo.org

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

Anne-Marie Glynn
Programme Manager

EMBO Courses | Workshops | Conference Series | Symposia 2010

	Title	Organizer	Venue	Dates
Practical courses EMBC Member States	Genomic approaches to evolution and development	E. Furlong	DE–Heidelberg	7–11 February
	Phosphoproteomics	M. Røssel Larsen	DK–Odense	28 March–2 April
	Advanced optical microscopy 2010	B. Amos	UK–Plymouth	7–17 April
	<i>In silico</i> systems biology: Network reconstruction, analysis and network based modelling	V. Schneider	UK–Hinxton	10–13 April
	Methods for miRNA discovery and analysis: From <i>in situ</i> hybridization to new generation sequencing	V. Benes	IT–Monterotondo Scalo	10–16 April
	Computational RNA Biology	K. Nieselt	FR–Cargese	26 April–1 May
	Computational molecular evolution	A. Stamatakis	GR–Heraklion (Crete)	3–12 May
	Scientific programming and data visualization for structural biology	D. Panne	DE–Heidelberg	5–7 May
	Lipid rafts: Methods for studying membrane organization	K. Simons	DE–Dresden	23–31 May
	Structural characterization of macromolecular complexes	C. Petosa	FR–Grenoble	31 May–5 June
	The DT40 cell line as a model vertebrate genetic system	C. Morrison	IE–Galway	14–19 June
	Electron microscopy and stereology in cell biology	N. Roos	NO–Oslo	17–27 June
	Application of transient kinetic methods to biological macromolecules	M. Geeves	UK–Canterbury	27 June–3 July
Biomolecular simulation	M. Nilges	FR–Paris	27 June–4 July	

EMBO Courses | Workshops | Conference Series | Symposia 2010

	Title	Organizer	Venue	Dates
Practical courses EMBC Member States (cont.)	High-throughput RNAi and data analysis	M. Boutros	DE–Heidelberg	28 June–2 July
	Single-molecule manipulation and analysis of DNA–protein interactions	T. Strick	FR–Paris	11–25 July
	Marine animal models in evolution and development	D. Arendt	SE–Fiskebäckskil	12–23 July
	Animal models for physiology and disease	V. Cunliffe	UK–Sheffield	19–30 July
	Multi-level modelling of morphogenesis	S. Maree	UK–Norwich	19–30 July
	Ubiquitin and SUMO	H. Ulrich	HR–Split	29 July–4 August
	Multidimensional NMR in structural biology	C. Griesinger	IT–Castelvechio Pascoli (Lucca)	1–6 August
	Post-translational modifications of proteins: From discovery to functional analysis	J. Johansson	SE–Uppsala	22–24 August
	Protein expression, purification and crystallization (PEPC-7)	J. Mueller-Dieckmann	DE–Hamburg	23–31 August
	Viral vectors in gene therapy: Applications and novel production methods	M. Mezzina	FI–Kuopio	26 August–4 September
	Cryo-electron microscopy and 3-D image analysis	J. Briggs	DE–Heidelberg	29 August–5 September
	Computational aspects of protein structure determination and analysis: From data to structure to function	J. Watson	UK–Cambridge	6–10 September
	Anatomy and embryology of the mouse	A. Marusic	HR–Split	11–19 September
	Microscopy, modelling and biophysical methods	L. Hufnagel	DE–Heidelberg	20 September–2 October
	3D developmental imaging	G. Martins	PT–Oeiras	1–9 October
Advanced analysis and informatics of microarray data	G. Rustici	UK–Hinxton	18–23 October	
Solution scattering from biological macromolecules	D. Svergun	DE–Hamburg	25 October–1 November	
Practical Courses Outside Europe	Mass spectrometry in protein analysis and characterization	C. Cervenansky	UY–Montevideo	16–26 March
	Microscopy: From genome scale to the single molecule	M. Mhlanga	ZA–Pretoria	31 May–12 June
Lecture Course Outside Europe	Virus–host: Partners in pathogenicity	C. Ramirez	CR–San Jose	23–26 February

EMBO Courses | Workshops | Conference Series | Symposia 2010

	Title	Organizer	Venue	Dates
Workshops EMBC Member States	Protein and lipid function in secretion and endocytosis	S. Tooze	AT–Goldegg am See	12–17 January
	Visualizing biological data (VizBi)	S. O'Donoghue	DE–Heidelberg	3–5 March
	Hedgehog signaling: From developmental biology to anti-cancer drugs	P. Therond	FR–St. Jean Cap Ferrat	27–31 March
	5th INPROTEOLYS Meeting Proteolysis and neurodegeneration	M. Rodriguez	ES–Madrid	4–7 May
	Viruses and innate immunity	C. O'Farrelly	IE–Dublin	5–7 May
	2010 EMBO Molecular Medicine Workshop Cell guidance signals in cancer	L. Tamagnone	IT–Portofino Vetta (Camogli)	6–9 May
	Tumour suppressors	M. Sanchez-Cespedes	ES–L'Hospitalet de Llobregat (Barcelona)	10–11 May
	RNA quality control	M. Kiebler	AT–Vienna	10–13 May
	Advanced light microscopy techniques and their applications	R. Pepperkok	DE–Heidelberg	18–21 May
	Emerging themes in infection biology	P. Cossart	FR–Nice	1–4 June
	Genomic approaches to interactions between plant viruses, their hosts and their vectors	P. Accotto	IT–Fenestrelle	12–16 June
	Disease, development and stem cells in the pancreas	M. Lohr	SE–Stockholm	14–16 June
	Chromosome segregation and aneuploidy	W. Earnshaw	UK–Edinburgh	19–23 June
	Development of cortical networks and neurological disorders	Y. Ben-Ari	NL–Amsterdam	30 June–2 July
	Systems biology of development	E. Hafen	CH–Ascona	16–19 August
	Interface between the Ubiquitin family and the DNA damage response	Y. Shiloh	HR–Red Island, Rovinj	1–5 September
	From fetomaternal tolerance to immunomodulatory properties of placenta-derived cells in cell therapy	O. Parolini	IT–Brescia	3–6 October
RNA control of cell dynamics	Y. Arava	IL–Kibbutz Ein Gedi	15–18 November	
Conference Series EMBC Member States	Catalytic mechanisms by biological systems: At the interface between chemistry and biology	V. Lamzin	DE–Hamburg	5–7 May
	Recombination and connections to SUMO and ubiquitin modifications	M. Foiani	IT–Castelvecchio Pascoli (Lucca)	17–21 May
	Cellular signaling and molecular medicine	E. Van Obberghen-Schilling	HR–Cavtat (Dubrovnik)	21–26 May

EMBO Courses | Workshops | Conference Series | Symposia 2010

	Title	Organizer	Venue	Dates
Conference Series EMBC Member States (cont.)	Microtubules: Structure, regulation and functions	C. Janke	DE–Heidelberg	2–5 June
	Replication/repair and segregation of chromosomes	P. Graumann	DE–Munzingen (Freiburg)	13–17 June
	<i>C. elegans</i> development and gene expression	J. Ahringer	DE–Heidelberg	17–20 June
	Gene transcription in yeast: from mechanisms to functional genomics	P. Cramer	ES–Sant Feliu de Guixols	19–24 June
	The molecular and developmental biology of <i>Drosophila</i>	A. Ephrussi	GR–Kolymbari (Crete)	20–26 June
	Telomeres and the DNA damage response	L. Harrington	FR–Marseille	14–17 September
	Chemical Biology 2010	C. Schultz	DE–Heidelberg	22–25 September
	Molecular and cellular basis of regeneration and tissue repair	K. Echeverri	PT–Sesimbra	26–30 September
	Experimental approaches to evolution and ecology using yeast	L. Steinmetz	DE–Heidelberg	29 September–3 October
	Towards a comprehensive understanding of endoplasmic reticulum functions	M. Schuldiner	ES–Gerona	3–8 October
	Cell biology meets microbiology	I. Dikic	PL–Krakow	9–14 October
	From functional genomics to systems biology	E. Furlong	DE–Heidelberg	13–16 November
	ESF-EMBO Symposia	Antiviral applications of RNA interference	B. Berkhout	ES–Sant Feliu de Guixols
Emergent properties of the cytoskeleton: Molecules to cells		M. Peckham	ES–Sant Feliu de Guixols	3–8 October
Functional neurobiology in minibrains: From flies to robots and back again		M. Louis	ES–Sant Feliu de Guixols	17–22 October
Molecular perspectives on protein–protein interactions		J. Piehler	ES–Sant Feliu de Guixols	14–19 November
B cells and protection: Back to basics		R. Carsetti	ES–Sant Feliu de Guixols	18–19 April
EMBO/FEBS Lecture Courses	The cytoskeleton in development and pathology	R. Karlsson	SE–Djurhamn	19–24 June
	Host–microbes interactions	P. Cossart	GR–Spetses	1–9 September
	Molecular and cellular cognition	R. Brambilla	IT–Venice	14–19 October

EMBO Courses | Workshops | Conference Series | Symposia 2010

	Title	Organizer	Venue	Dates
EMBO EMBL Symposia	Human variation: Cause and consequence	A. Wilkie	DE–Heidelberg	20–23 June
	Structure and function of neural circuits	B. Dickson	DE–Heidelberg	5–8 September
	The non-coding genome	E. Izaurralde	DE–Heidelberg	13–16 October

www.embo-embl-symposia.org
embo-embl-symposia@embo.org

EMBO Laboratory Management Courses 2010

Event	Title	Organizers	Venue	Dates
Laboratory Management Courses	EMBO Laboratory Management Course <i>(for independent group leaders)</i>	A. Glynn A. Seller	DE–Leimen <i>(near Heidelberg)</i>	16–19 March
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Seller	UK–Ware <i>(Hertfordshire)</i>	24–26 March
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Seller	DE–Leimen <i>(near Heidelberg)</i>	14–16 June
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Seller	DE–Leimen <i>(near Heidelberg)</i>	21–23 June
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Seller	DE–Leimen <i>(near Heidelberg)</i>	5–7 October
	EMBO Laboratory Management Course <i>(for independent group leaders)</i>	A. Glynn A. Seller	DE–Leimen <i>(near Heidelberg)</i>	12–15 October
	EMBO Laboratory Management Course <i>(for independent group leaders)</i>	A. Glynn A. Seller	UK–Ware <i>(Hertfordshire)</i>	2–5 November
	EMBO Laboratory Management Course <i>(for independent group leaders)</i>	A. Glynn A. Bendiscioli	DE–Leimen <i>(near Heidelberg)</i>	15–16 November
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Bendiscioli	DE–Leimen <i>(near Heidelberg)</i>	29 November– 1 December

www.embo.org/programmes/courses-workshops/lab-management-courses
laboratory_management@embo.org

EMBO Global Exchange

www.embo.org/programmes/global-exchange

global_exchange@embo.org

The *EMBO Global Exchange Programme* establishes interactions with researchers in countries outside Europe. Through lecture courses and series, both in the partner countries and in Europe, the programme highlights the quality of European research laboratories as partners for future collaborations and researcher exchange.

Anne-Marie Glynn
Programme Manager

Gerlind Wallon
EMBO Deputy Director

EMBO Global Exchange Lecture Courses 2010

	Title	Organizer	Venue	Date
Global Exchange Lecture Courses	Systems neuroscience of the <i>Drosophila</i> larva: Genetic and circuit bases of behavior	K. VijayRaghavan	IN–Bangalore	21–27 July
	Molecular and evolutionary genetics of malaria	A. Das	IN–New Delhi	21 November– 4 December
	Molecular mechanism of protein transport	V. Malhotra	IN–Bangalore	30 November– 8 December
	Bioinformatics and comparative genome analyses	F. Tekaiia	TN–Tunis	13–18 December

EMBO Global Exchange Lecture Series 2010

	Title	Organizer	Country	Date
Global Exchange Lecture Series	EMBO Global Exchange European Lecture Series (given by Satyajit Mayor)	A. Glynn	Germany, the Netherlands	6–11 September
	EMBO Global Exchange Lecture Series in Taiwan (given by Anne Spang)	A. Glynn	Taiwan	15–17 November
	EMBO Global Exchange Lecture Series in Taiwan (given by Tariq Enver)	A. Glynn	Taiwan	22–24 November

Other EMBO Global Exchange events in 2010

	Title	Organizer	Country	Date
	EMBO Global Exchange and the Wellcome Trust/DBT India Alliance Meeting: Life Science Research in India	A. Glynn C. Wallon	ES–Barcelona	4 September

EMBO Women in Science

www.embo.org/policy-and-society/women-in-science

women@embo.org

EMBO monitors gender balance in all of the organization's activities and develops initiatives to counteract imbalances and to raise awareness of issues facing female scientists as their careers advance. An annual award highlights major contributions of female researchers to the life sciences.

Gerlind Wallon
Manager

Participation of women in EMBO activities: Statistics

EMBO Courses & Workshops

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

EMBO Courses & Workshops (cont.)

Year		% female participants	% female speakers
2009	Practical Courses	52	22
	Workshops	51	25
	Conference Series	46	28
	Lecture Courses	58	43
2010	Practical Courses	49	32
	Workshops	49	29
	Conference Series	45	28
	Lecture Courses	54	51

EMBO Membership (including Associate Members)

Year	Total number of members	% Women
2001	1092	13
2002	1126	13
2003	1162	13
2004	1191	14
2005	1223	14
2006	1271	14
2007	1305	14
2008	1357	14
2009	1416	15
2010	1479	15

Participation of women in EMBO activities: Statistics

EMBO Short-Term Fellowships

		Applications	%	Awards	%	Success rate %
2001	Female applicants	130	56	70	56	54
	Male applicants	103	44	54	44	52
	Overall	233		124		53
2002	Female applicants	148	53	81	53	55
	Male applicants	129	47	71	47	55
	Overall	277		152		55
2003	Female applicants	139	54	72	52	52
	Male applicants	120	46	66	48	55
	Overall	259		138		53
2004	Female applicants	161	54	84	52	52
	Male applicants	140	46	83	48	59
	Overall	301		167		56
2005	Female applicants	190	50	88	44	46
	Male applicants	193	50	112	56	58
	Overall	383		200		52
2006	Female applicants	204	52	100	52	49
	Male applicants	188	48	93	48	49
	Overall	392		193		49
2007	Female applicants	212	52	117	55	55
	Male applicants	197	48	94	45	48
	Overall	409		211		52
2008	Female applicants	219	55	126	59	58
	Male applicants	176	45	87	41	49
	Overall	395		213		54
2009	Female applicants	286	57	142	56	50
	Male applicants	209	43	113	44	54
	Overall	495		255		52
2010	Female applicants	230	55	126	58	55
	Male applicants	191	45	93	42	49
	Overall	421		219		52
2001–2010	Female applicants	1919	54	1006	53	52
	Male applicants	1646	46	876	47	53
	Overall	3565		1882		53

Participation of women in EMBO activities: Statistics

EMBO Long-Term Fellowships

		Applications	%	Awards	%	Success rate %
1996–Spring 2001	Female applicants	1746	40	315	35	18
	Male applicants	2584	60	594	65	23
	Overall	4330		909		21
Autumn 2001	Female applicants	168	47	32	39	19
	Male applicants	188	53	50	61	27
	Overall	356		82		23
2002	Female applicants	347	43	68	40	20
	Male applicants	453	57	100	60	22
	Overall	800		168		21
2003	Female applicants	469	43	64	36	14
	Male applicants	611	57	112	64	18
	Overall	1080		176		16
2004	Female applicants	533	47	65	40	12
	Male applicants	604	53	98	60	16
	Overall	1137		163		14
2005	Female applicants	589	48	89	45	15
	Male applicants	647	52	109	55	17
	Overall	1236		198		16
2006	Female applicants	593	48	87	40	15
	Male applicants	644	52	133	60	21
	Overall	1237		220		18
2007	Female applicants	582	45	82	39	14
	Male applicants	706	55	130	61	18
	Overall	1288		212		17
2008	Female applicants	590	48	81	38	14
	Male applicants	628	52	134	62	21
	Overall	1218		215		18
2009	Female applicants	657	49	115	45	18
	Male applicants	675	51	143	55	21
	Overall	1332		258		19
2010	Female applicants	802	48	123	45	15
	Male applicants	866	52	152	55	18
	Overall	1668		275		17
1996–2010	Female applicants	7076	45	1121	39	16
	Male applicants	8606	55	1755	61	20
	Overall	15682		2876		18

Participation of women in EMBO activities: Statistics

EMBO Young Investigator Programme

		Applications	%	Awards	%	Success rate %
2000–2001	Female applicants	138	24	17	22	12
	Male applicants	427	76	61	78	14
	Overall	565		78		14
2002	Female applicants	45	27	4	17	9
	Male applicants	123	73	19	83	15
	Overall	168		23		14
2003	Female applicants	47	29	7	33	15
	Male applicants	116	71	14	67	12
	Overall	163		21		13
2004	Female applicants	38	22	4	20	11
	Male applicants	134	78	16	80	12
	Overall	172		20		12
2005	Female applicants	32	25	2	12	6
	Male applicants	96	75	15	88	16
	Overall	128		17		13
2006	Female applicants	32	21	6	29	19
	Male applicants	120	79	15	71	13
	Overall	153		21		14
2007	Female applicants	37	28	3	17	8
	Male applicants	95	72	15	83	16
	Overall	132		18		14
2008	Female applicants	32	28	2	17	6
	Male applicants	84	72	10	83	12
	Overall	116		12		10
2009	Female applicants	34	28	4	24	12
	Male applicants	89	72	13	76	15
	Overall	123		17		14
2010	Female applicants	39	29	3	14	8
	Male applicants	98	71	18	86	18
	Overall	137		21		15
2000–2010	Female applicants	474	25	52	21	11
	Male applicants	1382	75	196	79	14
	Overall	1856		248		13

Participation of women in EMBO activities: Statistics

EMBO Installation Grants

		Applications	%	Awards	%	Success rate %
2006	Female applicants	28	38	1	10	4
	Male applicants	46	62	9	90	20
	Overall	74		10		14
2007	Female applicants	17	38	3	33	18
	Male applicants	41	62	6	67	15
	Overall	58		9		16
2008	Female applicants	7	22	1	14	14
	Male applicants	25	78	6	86	24
	Overall	32		7		22
2009	Female applicants	13	39	3	60	23
	Male applicants	20	61	2	40	10
	Overall	33		5		15
2010	Female applicants	11	32	3	43	27
	Male applicants	23	68	4	57	17
	Overall	34		7		21
2006–2010	Female applicants	76	33	11	29	15
	Male applicants	155	67	27	71	17
	Overall	231		38		17

EMBO Gold Medal

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

EMBO Gold Medalists 1986–2010

1986	John Tooze	Heidelberg, DE	1997	Dirk Görlich	Heidelberg, DE	2007	Jan Löwe	Cambridge, UK
1987	Barbara Pearse	Cambridge, UK	1998	Adriano Aguzzi	Zurich, CH	2008	James Briscoe	London, UK
1988	Antonio Lanzavecchia	Basel, CH	1999	Konrad Basler	Zurich, CH	2009	Olivier Voinnet	Strasbourg, FR
1989	Hugh Pelham	Cambridge, UK	2000	Christof Niehrs	Heidelberg, DE	2010	Jason W. Chin	London, UK
1990	Erwin Wagner	Vienna, AT		Daniel St. Johnston	Cambridge, UK			
1991	Patrick Stragier	Paris, FR	2001	Matthew Freeman	Cambridge, UK			
1992	Carl-Henrik Heldin	Uppsala, SE	2002	Amanda Fisher	London, UK			
1993	Jim Smith	London, UK	2003	Anthony Hyman	Dresden, DE			
1994	Paolo Sassone-Corsi	Strasbourg, FR	2004	María Blasco	Madrid, ES			
1995	Richard Treisman	London, UK	2005	Dario Alessi	Dundee, UK			
1996	Enrico Coen	Norwich, UK	2006	Frank Uhlmann	London, UK			

EMBO Plenary Lectures

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Every year, EMBO Members are funded to present plenary lectures at international scientific meetings. Plenary lectures raise awareness of EMBO activities, support members in their collaborations with scientists from associated fields and promote European science worldwide.

Anne-Marie Glynn
Manager

EMBO Plenary Lectures 2010

	Name	Lecture title	Venue	Date
Plenary Lectures EMBC Member States	Thomas Boller	5th EPSO Conference: Plants for Life	FI–Muonio	18–22 April
	Frederick Alt	International AID Workshop: From immune diversification to cancer	SE–Stockholm	3–5 June
	Victor Small	EMBO/FEBS Lecture Course on the cytoskeleton in development and pathology	SE–Djurhamn	19–24 June
	Uri Alon	35th FEBS Congress: Molecules of Life	SE–Gothenburg	26 June–1 July
	Ottoline Leyser	20th International Conference on Plant Growth Substances – IPGSA 2010 Conference	ES–Tarragona	28 June–2 July
	Paul Schulze-Lefert	Plant–microbe interaction	ES–Valencia	4–9 July
	Gunnar von Heijne	International Colloquium on Endocytobiology and Symbiosis 2010	NO–Tromsø	29 August– 3 September
	Julian Davies	EMBO/FEBS Lecture Course Host–microbes interactions	GR–Spetses	1–9 September
	Daniel Peeper	16th Meeting of the European Society for Pigment Cell Research	UK–Hinxton	4–7 September
	Ray Dixon	9th European Nitrogen Fixation Conference	CH–Geneva	6–10 September
	Adi Kimchi	Autophagy: From molecules to disease The 68th Harden Conference	UK–Cirencester	8–12 September
	Angus Lamond	12th International EMBL Phd Student Symposium: From Science Fiction to Science Fact: what's next?	DE–Heidelberg	21–23 October
	Ernst Stelzer	INSERM Workshop: Advanced Quantitative Fluorescence Imaging of Host Cell Infection by Pathogens	FR–Saint–Raphaël	25–26 October
	Tony Hunter	Cell Cycle: Symposium in honour of Tim Hunt	UK–London	9 December
Gerrit Van Meer	XVII National Congress of Biochemistry	PT–Porto	15–17 December	

EMBO Plenary Lectures 2010

	Name	Lecture title	Venue	Date
Plenary Lectures Outside Europe	Alberto Luini	6th International Barbados Proteomics Conference/HUPO Workshop on Organellar Proteomics, The Human Proteome Project and Disease	BB–Holetown	8–15 January
	Matthias Hentze	Lorne Genome Conference 2010	AU–Lorne	14–16 February
	Michael Way	10th Hunter Cellular Biology Meeting	AU–Hunter Valley	16–19 March
	Joel Sussman	3Dsig Structural Bioinformatics and Computational Biophysics	US–Boston	9–10 July
	Frederic Allain	XXIVth International Conference on Magnetic Resonance in Biological Systems	AU–Cairns	22–27 August
	Andreas Plueckthun	Latin American Protein Society Meeting 2010	AR–Salta	13–16 October
	Matthias Hentze	4th RNA Stability Meeting – RNA Turnover and Translation: Biological and Pathological Ramifications	CA–Montreal	17–20 October
	Paola Ricciardi-Castagnoli	13th A-IMBN Annual Conference	TW–Taipei	12–14 November
	Reinhard Faessler	5th Australian Health and Medical Research Congress	AU–Melbourne	14–18 November
	Pascale Cossart	XLVI Annual Meeting of the Argentine Society for Biochemistry and Molecular Biology	AR–Puerto Madryn	30 November–3 December

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in Heidelberg as of January 2011

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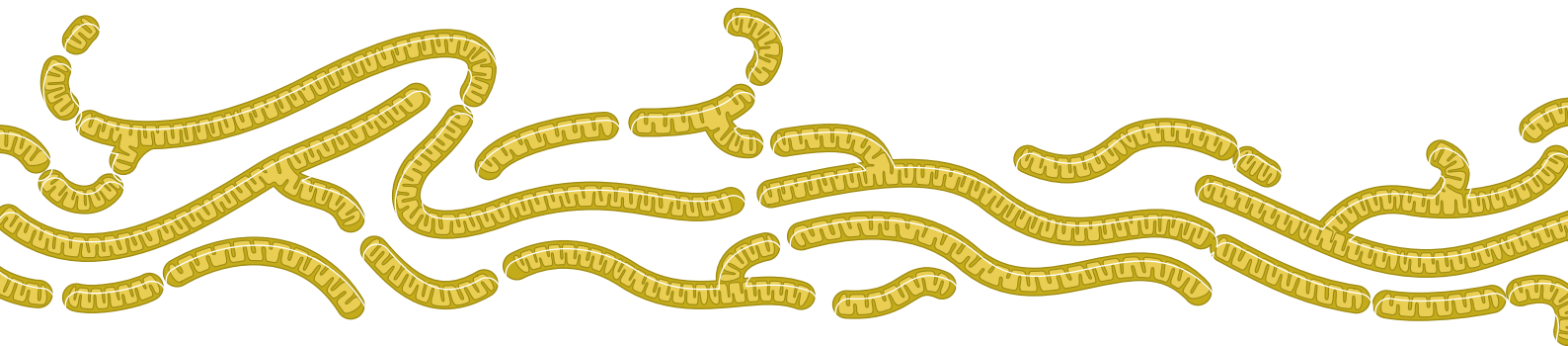
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EMBO Courses & Workshops 2011

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EMBO Courses | Workshops | Conference Series | Symposia 2011

	Title	Organizer	Venue	Dates
Practical Courses EMBC Member States	<i>Drosophila</i> techniques	S. Prag	PT–Lisbon	11–18 March
	Advanced optical microscopy 2011	B. Amos	UK–Plymouth	23 March–2 April
	Methods in chemical biology	M. Köhn	DE–Heidelberg	27 March–2 April
	Mass spectrometry and proteomics	O. Nørregaard Jensen	DK–Odense	6–13 April
	Phosphoproteomics	M. Røssel Larsen	DK–Odense	28 April–3 May
	Small angle neutron and X-ray scattering from proteins in solution	P. Callow	FR–Grenoble	16–20 May
	Methods for miRNA discovery and analysis: From <i>in situ</i> hybridization to new generation sequencing	V. Benes	IE–Galway	21–27 May
	Exploiting anomalous scattering in macromolecular structure determination	D. de Sanctis	FR–Grenoble	6–10 June
	Electron microscopy and stereology in cell biology	Y. Schwab	FR–Illkirch	14–24 June
	Mouse phenotyping	D. Wolfer	CH–Zürich	20 June–2 July
	Bioinformatics and comparative genome analyses	F. Tekaiia	FR–Paris	27 June–9 July
	High throughput methods for protein production and crystallization	Y. Bourne	FR–Marseille	4–13 July
	Marine animal models in evolution and development	D. Arendt	SE–Fiskebäckskil	4–14 July
	Developmental neurobiology: From worms to mammals	R. Hindges	UK–London	8–22 July
	Single-molecule nanomanipulation and analysis of protein–DNA interactions	T. Strick	FR–Paris	10–24 July
	Multi-level modelling of morphogenesis	A. Maree	UK–Norwich	17–29 July
	Structure, dynamics and function of biological macromolecules by solution NMR	M. Sattler	DE–Garching	29 July–5 August
Computational biology: Genomes, cells & systems	P. Bork	IS–Reykjavik	6–13 August	

EMBO Courses | Workshops | Conference Series | Symposia 2011

	Title	Organizer	Venue	Dates
Practical Courses EMBC Member States (cont.)	Studying protein–protein interactions by advanced light microscopy and spectroscopy	G. Vamosi	HU–Debrecen	16–22 August
	Image processing for cryo-electron microscopy	E. Orlova	UK–London	30 August–9 September
	Two-photon imaging of brain circuits	A. Konnerth	DE–Munich	3–10 September
	Protein bioinformatics tools – focus on regulatory proteins: Sequences, structures, interactions, networks	A. Budd	DE–Heidelberg	25 September–1 October
	Current methods in cell biology	C. Häring	DE–Heidelberg	29 September–7 October
	Advanced analysis and informatics of transcriptomics data	G. Rustici	UK–Hinxton	23–29 October
	Metagenomics: From the bench to data analysis	V. Schneider	DE–Heidelberg	23–29 October
	Protein–protein and protein–nucleic acid cross-linking and mass spectrometry	H. Urlaub	DE–Göttingen	23–29 October
Practical Courses Outside Europe	Computational structural biology: From data to structure to function	J. Watson	UK–Hinxton	14–18 November
	Imaging infection: From single molecules to animals	M. Mhlanga	ZA–Pretoria	2–13 November
Workshops EMBC Member States	Immunology and metabolism	G. Chimini	FR–Marseille	13–15 January
	Function and structure of septins, filament-forming GTP-binding proteins	A. Wittinghofer	DE–St. Goar	6–9 March
	2011 EMBO Molecular Medicine Workshop: Cell death & disease	A. Villunger	AT–Oberurgl	10–14 March
	Chromatin structure, organization and dynamics	I. Raska	CZ–Prague	9–13 April
	Frontiers in sensory development	B. Alsina	ES–Barcelona	3–6 May
	Cell biology of the neuron	F. Bradke	GR–Heraklion (Crete)	7–11 May
	The operon model and its impact on modern molecular biology	M. Yaniv	FR–Paris	17–20 May
	Biophysical mechanisms of development	A. Certal	PT–Oeiras	24–27 May
Lineage commitments: Emphasis on extraembryonic-embryonic interfaces	A. Zwijsen	BE–Leuven	25–27 May	

EMBO Courses | Workshops | Conference Series | Symposia 2011

	Title	Organizer	Venue	Dates
Workshops EMBC Member States (cont.)	Synthetic lethality: From yeast to man	S. Nijman	AT–Vienna	10–12 June
	50 years of X-inactivation research	N. Brockdorff	UK–Oxford	20–24 July
	Exploring the logic of the cell cycle	E. Schwob	FR–Montpellier	2–5 September
	Retinoids 2011	C. Rochette-Egly	FR–Illkirch	22–24 September
	Chromosome structure, damage and repair	M. Tarsounas	GR–Anavyssos	25–28 September
	Histone variants and genome regulation	M. Torres-Padilla	FR–Illkirch	12–14 October
	Intracellular proteolysis and cancer	R. Farràs	ES–Valencia	26–28 October
	Mechanisms of nucleocytoplasmic trafficking	Y. Gruenbaum	IL–Ma’ale Hachamisha	6–11 November
Conference Series EMBC Member States	Stem cell research: Development, regeneration and disease	S. Tajbakhsh	FR–Paris	6–8 April
	Protein transport systems: Structures, mechanisms, and medical aspects	R. Zimmermann	IT–Santa Margherita di Pula	16–20 April
	Myogenesis: The molecular and cellular mechanisms regulating skeletal muscle development and regeneration	T. Braun	DE–Wiesbaden	10–15 May
	Spatial 2011: Systems dynamics of intracellular communication	P. Bastiaens	CH–Engelberg	15–19 May
	Homeostasis and perturbations of immunity	M. van den Broek	IT–Alghero	16–20 May
	The biology of molecular chaperones: From basic mechanisms to intervention strategies in disease and ageing	E. Deuring	AT–Grundlsee	19–24 May
	Chromatin and epigenetics	A. Akhtar	DE–Heidelberg	1–5 June
	Cancer Proteomics 2011: Systems biology, developmental models and data integration	W. Gallagher	IE–Dublin	20–23 June
	Europhosphatase 2011: Protein phosphatases from molecules to networks	E. Ogris	AT–Baden bei Wien	18–23 July
	Intracellular RNA transport and localized translation	C. Bagni	IT–Barga	7–12 August
	Protein synthesis and translational control	A. Ephrussi	DE–Heidelberg	7–11 September
	Lymphocyte signaling: Translating membrane signals into differentiation programs	C. Baldari	IT–Pontignano (Siena)	10–14 September

EMBO Courses | Workshops | Conference Series | Symposia 2011

	Title	Organizer	Venue	Dates
Conference Series EMBC Member States (cont.)	Nuclear receptors: From molecular mechanism to health and disease	M. Parker	ES–Sitges (Barcelona)	16–20 September
	Meiosis	A. La Volpe	IT–Paestum (Capaccio)	17–21 September
	Ubiquitin and ubiquitin-like modifiers: From functional modules to systems biology	T. Sommer	HR–Cavtat (Dubrovnik)	21–25 September
	Dynamic endosomes: Mechanisms controlling endocytosis	G. Griffiths	GR–Kato Galatas (Crete)	24–29 September
	The assembly and function of neuronal circuits	A. Luthi	CH–Ascona	25–30 September
	Host genetics control of infectious diseases	J. Casanova	FR–Paris	28–30 September
	Nuclear structure and dynamics	G. Cavalli	FR–L'Isle sur la Sorgue	28 September–2 October
	Centrosomes and spindle pole bodies	C. Gonzalez	ES–Barcelona	2–6 October
	Comparative genomics of eukaryotic microorganisms: Understanding the complexity of diversity	T. Boekhout	ES–Sant Feliu de Guixols	15–20 October
	Autophagy in health and disease	Z. Elazar	IL–Ma'ale Hachamisha	30 October–4 November
ESF-EMBO Symposia	Molecular bioenergetics of cyanobacteria: From cell to community	C.-C. Zhang	ES–Sant Feliu de Guixols	10–15 April
	B-cells and protection: Back to basics	R. Carsetti	ES–Sant Feliu de Guixols	12–17 June
	Biological surfaces and interfaces	F. Hook	ES–Sant Feliu de Guixols	26 June–1 July
	Glutathione and related thiols in living cells	J. Messens	ES–Sant Feliu de Guixols	4–9 September
	Epigenetics in context: From ecology to evolution	V. Colot	ES–Sant Feliu de Guixols	18–23 September
	Synthetic biology of antibiotic production	E. Takano	ES–Sant Feliu de Guixols	2–7 October
EMBO/FEBS Lecture Courses	Biophysics of channels and transporters	B. Kanner	IT–Sicily	10–18 May
	Biomembrane dynamics: From molecules to cells	G. van Meer	FR–Cargese	21–29 June
	Actin-based motility: From molecules to model organisms	G. Scita	IT–Stresa Lake Maggiore	29 October–2 November

EMBO Courses | Workshops | Conference Series | Symposia 2011

	Title	Organizer	Venue	Dates
EMBO EMBL Symposia	Seeing is believing: Imaging the processes of life	J. Ellenberg	DE–Heidelberg	17–20 March
	Cancer genomics	A. Futreal	DE–Heidelberg	17–19 September
	Structure and dynamics of protein networks	A.-C. Gavin	DE–Heidelberg	13–16 October

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EMBO Laboratory Management Courses 2011

	Title	Organizers	Venue	Dates
Laboratory Management Courses	EMBO Laboratory Management Course <i>(for independent group leaders)</i>	A. Glynn A. Bendiscioli	UK–Ware <i>(Hertfordshire)</i>	11–14 April
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Bendiscioli	DE–Leimen <i>(near Heidelberg)</i>	24–26 May
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Bendiscioli	DE–Leimen <i>(near Heidelberg)</i>	13–15 June
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Bendiscioli	DE–Leimen <i>(near Heidelberg)</i>	20–22 June
	EMBO Laboratory Management Course <i>(for independent group leaders)</i>	A. Glynn A. Bendiscioli	DE–Leimen <i>(near Heidelberg)</i>	4–7 October
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Bendiscioli	UK–Ware <i>(Hertfordshire)</i>	11–13 October
	EMBO Laboratory Management Course <i>(for postdocs)</i>	A. Glynn A. Bendiscioli	DE–Leimen <i>(near Heidelberg)</i>	1–3 November
	EMBO Laboratory Management Course <i>(for independent group leaders)</i>	A. Glynn A. Bendiscioli	DE–Leimen <i>(near Heidelberg)</i>	7–10 November

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EMBO Global Exchange 2011

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EMBO Global Exchange Lecture Courses 2011

	Title	Organizer	Venue	Date
Global Exchange Lecture Courses	HIV/AIDS	K. Moelling	ZA–Stellenbosch	30 January– 5 February
	Structural and biophysical methods for biological macromolecules in solution	D. Svergun	CN–Beijing	28 April–5 May
	Bioinformatics: Tools, resources and applications	A. Maurady	MA–Tangier	13–23 June
	Next generation sequencing for Africa	E. De Villiers	KE–Nairobi	5–10 September

EMBO Global Exchange Lecture Series 2011

	Title	Organizer	Venue	Date
Global Exchange Lecture Series	EMBO Global Exchange Lecture Series in Taiwan (to be given by Bernard Malissen)	A. Glynn	Taiwan	1–3 November

EMBO Plenary Lectures 2011

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EMBO Plenary Lectures 2011

	Name	Lecture title	Venue	Date
Plenary Lectures EMBC Member States	Antonella De Matteis	Charleston Ceramide Conference 6	CH–Villars-sur-Ollon	16–20 March
	Kai Simons	Intracellular signalling, calcium ions and membrane trafficking <i>Symposium in honour of Jacopo Meldolesi</i>	IT–Milano	30 March
	Paul Nurse	UK–Japan Cell Cycle Workshop	UK–Windemere	10–14 April
	Ernst Stelzer	ELMI (European Light Microscopy Initiative) Meeting 2011	GR–Alexandroupolis	7–10 June
	Reinhard Jahn	EMBO/FEBS Lecture Course on biomembrane dynamics: From molecules to cells	FR–Cargese	21–29 June
	Gary Felsenfeld	Starting from Transcription in honour of Pierre Chambon	FR–Illkirch	24–25 June
	Luis Serrano	36th FEBS Congress Biochemistry for tomorrow's medicine	IT–Torino	25–30 June
	Benjamin Geiger	Cellular nano-sciences	DE–Heidelberg	3–6 July
	Ivan Dikic	Cell Biology of ubiquitin-dependent protein degradation pathways	UK–Liverpool	11–13 September
	Gottfried Schatz	Mitochondrial dynamics: From mechanism to disease	IT–Sardinia	11–15 September
	James Rothman	Molecular basis for membrane remodelling and organization	FR–Brittany	24–28 September
	Margaret Frame	EMBO/FEBS Lecture Course Actin-based motility: From molecules to model organism	IT–Stresa	29 October– 2 November
	Aaron Ciechanover	Life in motion: Dynamics of molecules and systems	ES–Barcelona	17–18 November

EMBO Plenary Lectures 2011

	Name	Lecture title	Venue	Date
Plenary Lectures Outside Europe	Stephen Wilson	12th Australia New Zealand Zebrafish Meeting	AU–Moreton Island	2–9 February
	Robert White	32nd Lorne Genome Conference	AU–Lorne	13–15 February
	Walter Doerfler	<i>Trends in Genetics</i> Genomic instability and pathways of response	AM–Yerevan	20–26 February
	Paola Ricciardi-Castagnoli	6th Asian-Pacific Organization of Cell Biology International Congress	PH–Mandaluyong City	25–28 February
	Mathias Sprinzl	2011 International Symposium on Aminoacyl-tRNA Synthetases	US–Salt Lake City	5–10 June
	M. Angela Nieto	5th International Meeting on Epithelial-Mesenchymal Transition (TEMIA-V)	SG–Singapore	10–13 October
	Francisco Baralle	XLVII Annual Meeting of the Argentine Society for Biochemistry and Molecular Biology	AR–San Luis	1–4 November
	Paul Freemont	9th International Conference on AAA Proteins	JP–Kumamoto	6–10 November

Other EMBO events 2011

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Other EMBO Events in 2011

		Organizers	Venue	Dates
Annual life sciences conference	<i>The EMBO Meeting 2011 Advancing the life sciences</i>	S. Beveridge M. Cairns G. Wallon V. Kaplan	AT–Vienna	10–13 September
EMBO Membership	<i>EMBO Members' Workshop</i>	M. Leptin G. Wallon V. Kaplan	DE–Heidelberg	26–28 October
Fellowship Programme	<i>EMBO Fellows' Meeting</i>	J. Taplick Z. O'Donoghue	DE–Heidelberg (EMBL)	16–19 June
Science Policy Programme	Science communication skills workshop at the <i>EMBO Fellows' Meeting</i>	A. Bendiscioli	DE–Heidelberg (EMBL)	17 June
	EMBL EMBO Science & Society Summer School <i>The Human Animal: Scientific, Social and Moral Perspectives</i>	H. Stefansson A. Bendiscioli G. Wallon	DE–Heidelberg (EMBL)	1–6 August
	Science & society session at <i>The EMBO Meeting: Mirror neurons and the understanding of actions, intentions, and emotions</i>	A. Bendiscioli G. Wallon	AT–Vienna	11 September
	12th EMBO EMBL Science & Society Conference: <i>Making sense of mental illness: Biology, medicine and society</i>	A. Bendiscioli G. Wallon H. Breithaupt	DE–Heidelberg (EMBL)	4–5 November
Young Investigator Programme	<i>EMBO Young Investigators' Meeting</i>	G. Wallon R. Coulthard	DE–Heidelberg (EMBL)	16–18 May
	<i>EMBO Young Investigator PhD Course</i>	G. Wallon R. Coulthard	DE–Heidelberg (EMBL)	26 September – 1 October



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