

EMBO | EMBC
annual report 2007



EMBC

EUROPEAN MOLECULAR BIOLOGY ORGANIZATION | EUROPEAN MOLECULAR BIOLOGY CONFERENCE

introduction

preface by Hermann Bujard, EMBO	4
preface by Tim Hunt <i>and</i> Christiane Nüsslein-Volhard, EMBO Council	6
preface by Marja Makarow <i>and</i> Isabella Beretta, EMBC	7

past & present

timeline	10
brief history	11
EMBO EMBC EMBL aims	12
EMBO actions 2007	15
EMBC actions 2007	17

EMBO & EMBC programmes and activities

fellowship programme	20
courses & workshops programme	21
young investigator programme	22
installation grants	23
science & society programme	24
electronic information programme	25

EMBO activities

<i>The EMBO Journal</i>	28
<i>EMBO reports</i>	29
<i>Molecular Systems Biology</i>	30
journal subject categories	31
national science reviews	32
women in science	33
gold medal	34
award for communication in the life sciences	35
plenary lectures	36
communications	37
European Life Sciences Forum (ELSF)	38

appendix

EMBC delegates and advisers	42
EMBC scale of contributions	49
EMBO council members 2007	50
EMBO committee members & auditors 2007	51
EMBO council members 2008	52
EMBO committee members & auditors 2008	53
EMBO members elected in 2007	54
advisory editorial boards & senior editors 2007	64
long-term fellowship awards 2007	66
long-term fellowships: statistics	82
long-term fellowships 2007: geographical distribution	84
short-term fellowship awards 2007	86
short-term fellowships: statistics	104
short-term fellowships 2007: geographical distribution	106
young investigators 2007	108
installation grant recipients 2007	109
young investigators 2000–2006	110
young investigators: statistics	112
young investigator lectures 2007	114
courses workshops conference series symposia 2007	118
plenary lectures 2007	124
participation of women in EMBO activities: statistics	128
EMBO staff	132

events in 2008

courses workshops conference series symposia 2008	136
other EMBO events 2008	140
organisations and ACRONYMS	142



Hermann Bujard
EMBO Executive Director

I am pleased to introduce this annual report informing you of EMBO activities in 2007. My short time as Executive Director has reinforced my conviction of the continuing relevance of our mission and the unique asset of the EMBO membership to guide us in achieving our goals.

Since 1964 EMBO has adhered to the founding principles of *promoting molecular biology in Europe and neighbouring countries*. Accordingly, recognising and fostering of talented scientists and disseminating cutting edge scientific knowledge are hallmarks of our programmes. They aim at furthering our understanding of processes and mechanisms of living systems at the molecular level and thereby contribute knowledge to meet the challenges of a changing world.

In 2007 we have again seen outstanding research achievements in molecular life science with impressive contributions of members of our communities. We are delighted with the recognition of *Sir Martin Evans* who was awarded the Nobel Prize in Physiology or Medicine. He is the 45th Nobel Laureate in our membership. His discoveries were crucial for present-day stem cell research and together with his co-laureates, *Oliver Smithies* and *Mario Capecchi*, he opened up new perspectives for the exploration of gene functions in mammalian systems, obviously of utmost relevance to medicine.

The following report details the objectives, operations and highlights of EMBO programmes, activities and publications over the past year. Almost 800 of the 1300 EMBO Members are

actively involved in these endeavours. While participating in many of last year's committee meetings, I witnessed engaged and well-informed members prepared for critical discussion preceding decisions. This engagement is why EMBO excels in the quality of its programmes and policies. Indeed, the EMBO membership is more than an illustrious body of scientists with outstanding research achievements. It is, and always has been, a spirited *academy* of leading scientists who care about future generations.

Dedicated EMBO staff members in Heidelberg ensure the successful delivery of all EMBO programmes, activities and publications. The EMBO Fellowship Programme – now also reaching out to molecular medicine to foster relationships between clinicians and scientists – again saw record numbers of applications for funding of post-doctoral studies (see page 20). Eighteen scientists joined the EMBO Young Investigator Programme to benefit from the networking and career advancement initiatives offered (see page 22). Nine scientists were recipients of the EMBO Installation Grants – the second year of this initiative that supports leading young scientists to return from abroad to set up their laboratories in countries aiming to improve their research capability (see page 23).

A hallmark of all these programmes is the cultivation of contacts within each community as exemplified by the EMBO Fellows Meeting and the meetings of EMBO Young Investigators and Installation Grant awardees. These meetings

spark exchange and initiatives across disciplines and countries.

Equally successful was the EMBO Courses & Workshops Programme in which we sponsored and co-organised over 70 practical courses, workshops and conference series, attracting more than 6,000 participants (see page 21). EMBO also joined with EMBL and CERN to organise the conference *Women in Science: The Way Forward* (see page 33). A renowned speaker faculty at the 8th Annual EMBO/EMBL Science & Society Conference last November stimulated lively discussion related to *The future of our species – Evolution, disease and sustainable development* (see page 24).

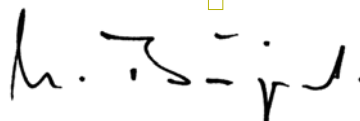
Our publications – *The EMBO Journal*, *EMBO reports* and *Molecular Systems Biology* – continued to perform well over the past year and EMBO Council supported the planned launch of a molecular medicine journal in 2009 (see pages 28 to 31).

Each year EMBO Members rigorously adhere to the election process of new members who have made significant contributions to molecular life sciences. In 2007, 50 new members – ordinary and associate – joined our ranks (see pages 54 to 63). These new members, while enjoying recognition by their peers, also join the *academy* and thus participate in the guidance of our programmes, activities and publications. They ensure continuous rejuvenation of the membership. Ten of the newly elected members were former EMBO Young Investigators. Thus, we observe interesting transitions between our communities, as also exemplified by *Jan Löwe*, the 2007 awardee of the

EMBO Gold Medal – a former EMBO Fellow and Young Investigator elected to EMBO membership in 2004 (see page 34).

Attention to the changing European research environment by both EMBO and EMBC allows the proactive introduction of new activities to benefit our communities of members, young investigators and fellows. In 2007, EMBO Council supported a recommendation by the ELSO President and EMBO Executive Director to incorporate ELSO into EMBO in late 2008. By doing so, we will address yet another community of young scientists – graduate and PhD students – and are confident that future EMBO Annual Meetings, to begin in 2009, will be significant events on the calendars of life scientists at all career stages. Importantly, this annual meeting also will incorporate aspects of the EMBO Science & Society Programme and hopefully stimulate public policy debate.

Of course, this reflection on the achievements of 2007 cannot be complete without recognition of *Frank Gannon*, who retired as Executive Director of EMBO this past June. Frank's tenure of more than 13 years created a strong platform from which we will execute the EMBO mission as we move forward. My sincere thanks to Frank for this foundation and to EMBO Council and EMBC Delegates for the support I have enjoyed to date. I look forward to the year ahead and to opportunities for EMBO to further influence the direction of European research by promoting excellence in molecular life sciences. □





Tim Hunt
EMBO Council Chair



Christiane Nüsslein-Volhard
EMBO Secretary General

For EMBO, 2007 was a year of change, with the departure of *Frank Gannon* in June and the subsequent appointment of *Hermann Bujard*, an EMBO Member since 1976, as Executive Director. Hermann is no stranger to EMBO. He was integral to the location of EMBO in Heidelberg and has previously served two terms on EMBO Council. The transition appeared seamless, thanks to the devoted and experienced staff and highly engaged and loyal EMBO Members who ensured the high scientific standards were maintained.

EMBO aims to identify scientific quality, mainly in people. Most of the budget is spent on fellowships, and we know we do an excellent job of identifying the best candidates who benefit from the recognition and support as an EMBO Fellow. The evaluation of applications is extremely labour-intensive, and the Committee must read an unimaginably large pile of paper. Applications number well over 1000 each year and continue to increase. We could give twice as many long-term fellowships without seriously compromising our standards, and we would love to do so: but this would require the budget to double. This could only happen if the contributors to EMBC would agree.

While visiting the last EMBC meeting, I felt that delegates from a number of EMBC Member States appeared favourable to a substantial budget increase. For smaller countries, the advantages appear obvious, but how can we convince the UK Medical Research Council, for

example, that giving more EMBO Fellowships is a sensible, cost-effective use of their limited funds? They will say that they have no interest in sending, say, Swedes to the USA, and you can easily sympathize with this view. But it overlooks the fact that the UK is a huge beneficiary – almost certainly a net gainer – of first-rate young scientists, hand-picked by an experienced panel of judges. The postdocs and young investigators come from all over Europe, and they greatly enrich research in the life sciences in the UK. We, EMBO, know that science makes progress through clever, hard-working people, that investment in the best people pays dividends, while spending money on second-rate science is a horrible waste.

A large fraction of EMBO personnel are editors of our journals. *Pernille Rørth* left Heidelberg for Singapore in 2007 but continues as Editor-in-Chief of *The EMBO Journal*, keeping in close touch with the team by regular video-conferences. Likewise, *Frank Gannon* continues in charge of *EMBO reports*, with regular visits to Heidelberg. A plan to launch a new journal devoted to molecular medicine has been incubating for some time. EMBO aims to set a good example with its journals, and they bring in a small but most welcome income that allows us to experiment with new ideas. I hope that those among you with medical connections will support our latest journal by submitting your best work, as well as reviewing and advising. □

As an intergovernmental organisation, EMBC is fortunate to rely on EMBO, an organisation of scientists for scientists in Europe, to define and execute its programme. During 2007 we aimed at intensifying the communication between EMBC and EMBO Council.

The development of the EMBL Advanced Training Centre (ATC) is an ideal opportunity to intensify and expand the collaboration between EMBC, EMBO and EMBL and to attract not only European scientists but scientists worldwide.

With the launch of the European Research Council (ERC), competition for funds has increased. But the support of the 27 Member States for EMBC continued with strong conviction to support frontier research at the international level in the domain of molecular life sciences.

In addition to well-established elements of its General Programme, like the long- and short-term fellowships, courses and workshops and the science and society activities, EMBC responds to the needs of the scientific community in a rapid and pragmatic way. An example of this responsiveness is the EMBC acceptance, in 2006, of the EMBO Installation Grants Programme as a special project. Croatia, the Czech Republic, Estonia, Hungary, Poland, Portugal and Turkey participate to attract researchers, who have spent a successful research period abroad, to establish laboratories in these countries. The second call in 2007 attracted 58 high-quality candidates, from whom nine were selected and

are linked to the EMBO Young Investigator network. The programme is open for other EMBC Member States to join.

EMBC and EMBO responded to the European Commission's Charter for Researchers and the Code of Conduct for the Recruitment of Researchers, welcoming all efforts to improve researchers' careers. The co-ordination of social security schemes and improving the portability of pension rights are important aspects of the global scientist labour market. EMBC and EMBO support the general principles applicable to funders, employers and researchers as outlined in the Commission's European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers.

In 2007, EMBC welcomed two new Member States, the Slovak Republic and Luxembourg. EMBC is opening up for worldwide co-operation, with the drafting of a collaborative agreement with South Africa, to be signed in early 2008. Australia recently signed an agreement with EMBL and has now also approached EMBC to explore possibilities for collaboration.

At the end of 2007 Marja Makarow ended her four-year term as President of EMBC and left the Finnish delegation to the EMBC to take office as Chief Executive of the European Science Foundation in Strasbourg. □



Marja Makarow
EMBC President



Isabella Beretta
EMBC Secretary General

Marja Makarow
I. Beretta

PAST & PRESENT

EMBO

EMBC

EMBL



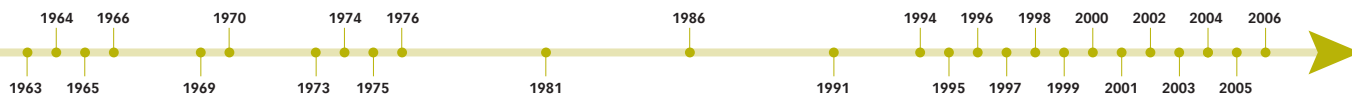
timeline & brief history pages 10–11

aims EMBO | EMBC | EMBL pages 12–14

EMBO actions 2007 pages 15–16

EMBC actions 2007 page 17

EMBO | timeline



- | | | |
|--|--|---|
| 1963 Election of first EMBO officers | 1986 EMBO Gold Medal launched | 2001 EMBO moves to new building |
| 1964 EMBO incorporated as a non-profit organisation and appoints 200 members | 1991 EMBO East European Fellowships established (discontinued in 1994) | 2002 EMBO Restart Fellowships initiated (integrated into long-term fellowship scheme in 2004); EMBO Award for Communication in the Life Sciences launched |
| 1965 <i>Raymond Appleyard</i> appointed Executive Secretary of EMBO | 1994 <i>Frank Gannon</i> appointed Executive Director of EMBO | 2003 Review of French Genopole System |
| 1966 Funding for nine long-term and 22 short-term fellowships and the first three practical courses secured by the <i>Volkswagen Stiftung</i> | 1995 Review of Austrian Molecular Biology Programme | 2004 EMBO Life Sciences Mobility Portal and E-BioSci go live; Initiative for Science in Europe (ISE) established in conjunction with other organisations |
| 1969 Governments of 14 member states establish the European Molecular Biology Conference (EMBC) | 1996 EMBO Lectures and EMBO Members Workshop established; EMBO Fellows Network started; Science & Society Programme founded | 2005 EMBO Conference Series – first call for applications; Award of EMBO/HHMI Startup Grants in support of research in Central Europe; EMBO and Nature Publishing Group launch <i>Molecular Systems Biology</i> journal; Reviews of CNB and life sciences strategy of Spanish National Research Council (CSIC) |
| 1970 Formal ratification of EMBC | 1997 Review of Finland Biotechnology Programme | 2006 EMBO Installation Grants launched and first awardees selected |
| 1973 <i>John Tooze</i> appointed Executive Secretary of EMBO | 1998 European Biotechnology Node for Interaction with China (EBNIC) established under EMBO co-ordination | 2007 EMBO Molecular Medicine Fellowships launched |
| 1974 EMBL established by EMBC | 1999 Sectoral meetings started; Review of Hungarian biology | |
| 1975 EMBO Annual Symposium (discontinued 1994) | 2000 <i>EMBO reports</i> launched; E-BioSci, Young Investigator Programme and World Programme initiated (integrated across several EMBO programmes in 2004); ELSF established in conjunction with other organisations | |
| 1976 Statement from EMBO on recombinant DNA technology | | |
| 1981 <i>The EMBO Journal</i> launched | | |

History

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

The Ravello meeting laid down two initial goals for EMBO – the creation of a central laboratory and the establishment of networking activities to enhance interactions between scientists across Europe. To pursue these goals, two committees were set up. The efforts of the Laboratory Committee led to the establishment of the European Molecular Biology Laboratory (EMBL). The Federal Organisation Committee became the motor for the EMBO Fellowship Programme and Courses & Workshops Programme.

The Ravello meeting also saw the election of *Max Perutz* as the first EMBO Chairman and *John Kendrew* as Secretary General. Thanks to the efforts of another EMBO founding member, *Eduard Kellenberger*, EMBO was awarded official legal status on 12 July 1964. The Volkswagen Foundation provided start-up funding for the organisation and EMBO initiated its first networking activities including fellowships, practical courses and the election of 200 biologists as the first EMBO Members.

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

Today EMBC has grown to 27 member states including most of the European Union (EU) and some neighbouring countries. Thanks to EMBC funding and the success of *The EMBO Journal*, EMBO has been able to expand its scope dramatically over the years, particularly in the past decade (see timeline opposite). Every year thousands of scientists benefit from EMBO training, career development and networking activities. The organisation also plays an increasing role in European science policy.

With a current membership of over 1,300 of Europe's leading life scientists and 80 associate members worldwide, EMBO has become a focal point of the European life sciences community and a major catalyst for high-quality research. □

EMBO

The European Molecular Biology Organization (EMBO) works with leading researchers to promote excellence in the molecular life sciences in Europe. The organisation supports training and exchange at all stages of the scientific career, promoting collaboration across Europe and worldwide. EMBO activities are funded predominantly by the European Molecular Biology Conference (EMBC) as part of the EMBC General Programme.

Through EMBC, EMBO supports over 600 research fellowships annually and more than 70 practical courses, workshops and conference series. The EMBO Young Investigator Programme promotes outstanding young group leaders across Europe, while EMBO Installation Grants strengthen scientific development in selected EMBC Member States. EMBC also supports the EMBO Science & Society Programme, promoting dialogue between scientists and other sectors of society, and its Electronic Information Programme, providing web-based services to EMBO and its communities.

EMBO also funds initiatives independently. These activities are developed based on careful analysis of the needs of the European life sciences community. Start-up funding comes primarily from EMBO publications and occasionally from European Union (EU) grants or collaborations with international organisations. EMBO pilots these activities to determine the potential benefit of adding them to the EMBC General Programme.

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

EMBO takes its lead from the scientific community and in particular the EMBO Members. EMBO elects new members annually on the basis of excellence in research. With over 1,300 EMBO Members in Europe and more than 80 associate members worldwide, the organisation provides a dedicated focal point for the European life sciences community. EMBO Members are some of the leading researchers in Europe. Forty-five scientists from the EMBO membership have received the Nobel Prize. The membership provides valuable input to EMBO in all of its activities, in particular through participation in the EMBO committees.

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

EMBC

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

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

Selected EMBC Member States also fund the new EMBO Installation Grants, awarded to scientists establishing research groups in their countries (see page 23).

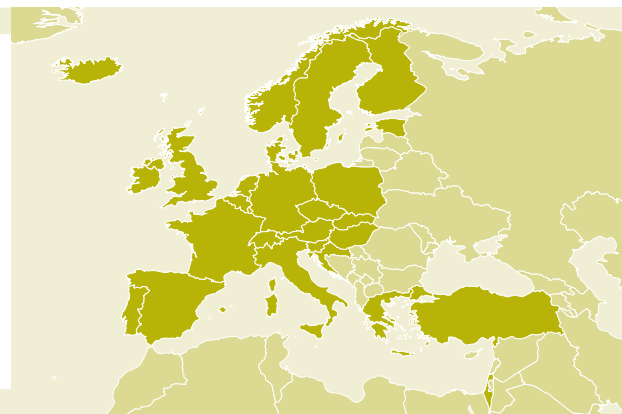
Both EMBC and EMBO are driven by a common commitment to quality research at the pan-European level. The actions of both organisations are characterised by selection on the grounds of quality and a strong co-operation with the scientific community. EMBC has decision-making power over the funding and development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

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 | → The Netherlands | → Sweden |
| → Czech Republic | → Hungary | → Norway | → Switzerland |
| → Denmark | → Iceland | → Poland | → Turkey |
| → Estonia | → Ireland | → Portugal | → United Kingdom |
| → Finland | → Israel | → The Slovak Republic | |

Special provisions also exist for Cyprus.



→ For the scale of contributions by the individual EMBC Member States, see [page 49](#).

EMBL

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

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

states; to provide high-level training to staff, students and visitors; to develop new instrumentation for biological research; and to transfer the benefits of new discoveries and technologies to society. These core functions are complemented by outreach activities in the areas of science and society and training for science teachers. EMBL, EMBO and EMBC are independent organizations but all three act in a mutually supportive manner, both at a strategic and practical level. Full details of EMBL activities can be found in the EMBL Annual Report or on the laboratory's website at www.embl.org. □



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

The annual meeting of EMBO Council took place on 10–11 October 2007. Major decisions from the meeting are listed below along with other important EMBO actions that are not described elsewhere in this report.

Council, committee and membership elections

→ *Tim Hunt* was re-elected as Chair of EMBO Council for 2008. *Anton Berns* was re-elected as Vice-Chair of EMBO Council for 2008. *Christiane Nüsslein-Volhard* was re-elected as Secretary General of EMBO.

→ *Anton Berns* and *Daniel Louvard* were re-elected to Council by the membership for the period 2008–2010. *Carl-Henrik Heldin* was newly elected and *Maria Blasco*, *Roberto di Lauro* and *Ferenc Nagy* were co-opted for the same period.

→ Fifty EMBO Members were elected in the 2007 membership election, eight of these associate members. Details of the individual EMBO Members are listed on pages 54–63.

→ Former Executive Director, *Frank Gannon* retired from EMBO at the end of June 2007.

→ *Hermann Bujard* took up the position of Executive Director as of July 2007.

→ EMBO Council approved the appointments of *Gerlind Wallon* and *Jan Taplick* as Deputy Directors of EMBO beginning in 2008.

Financial matters

→ The EMBO Council unanimously approved the budget for EMBO activities for 2008. 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. One current example is the EMBO Molecular Medicine Fellowships. This funding also ensures that EMBO has the adequate staff and infrastructure to fulfil its responsibilities to the EMBO Members and the EMBC Member States.

→ The EMBO Council determined that an extraordinary strategy meeting should be scheduled in early 2008.

EMBO programmes & publications

→ EMBO will continue to plan for the launch of a Molecular Medicine Journal in early 2009.

→ EMBO will establish a working party to define the future direction of publication activities.

EMBO Officers & Council 2007

Christiane Nüsslein-Volhard

Secretary General, EMBO

Tim Hunt

Chair, EMBO Council

Anton Berns

Vice-Chair, EMBO Council

Margaret Buckingham

Roberto di Lauro

Ingrid Grummt

Ari Helenius

Daniel Louvard

Carlos Martínez-A.

Marjori Matzke

Daniela Rhodes

Benny Shilo

David Shore

Kai Simons

Gunnar von Heijne

Maciej Żylicz

See **pages 52–53** for a complete list of the 2008 EMBO Council and Committee members.



Valeria Kaplan

is the new administrator for the EMBO membership and EMBO Council.

Departures

Claudia Hagedorn

EMBO Membership and Council Administrator

Bernhard Huber
Financial Manager
and



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



EMBO Committee Chairs 2007

Maria Leptin
Chair, EMBO Membership Committee

Anthony Pugsley
Chair, EMBO Fellowship Committee

Pico Caroni
Chair, EMBO Course Committee

Regine Kahmann
Chair,
EMBO Young Investigator Committee

Roberto Sitia
Chair,
EMBO Science & Society Committee

Eric Westhof
Chair, EMBO Publications
& Electronic Information Committee

See **pages 52–53** for a complete
list of the current EMBO Council and
Committee members.

EMBO/EMBL Co-operation

→ The EMBO Council selected two EMBO Members, *Marc Kirschner* and *Andrew Murray*, to represent EMBO on the EMBL Scientific Advisory Committee.

→ EMBO will continue planning with EMBL on developing joint EMBO/EMBL Symposia to be held in the new EMBL Advanced Training Centre (ATC) after its opening in 2009.

EMBO/ELSO fusion

→ The European Life Sciences Organization (ELSO) will be incorporated into EMBO following the 2008 ELSO Annual Meeting.

→ EMBO will work with ELSO to organize and promote the 2008 ELSO Meeting and, beginning in 2009, will hold an annual scientific meeting, the EMBO Annual Meeting.

→ *Tim Hunt* and *Kai Simons* will represent the EMBO Council on the Organising Committee of the first EMBO Annual Meeting in 2009.

Other EMBO activities

Awards

→ *Jan Löwe* of the Medical Research Council's Laboratory of Molecular Biology (UK) won the 2007 EMBO Gold Medal for his work elucidating the structure and function of proteins involved in bacterial cytoskeleton and cell division (see page 34).

→ French cell biologists, *Ali Saib* and *Christian Sardet*, received the 2007 EMBO Award for Communication in the Life Sciences (see page 35).

Meetings

→ The annual EMBO Members Workshop was held in Barcelona, Spain on 26–29 October 2007. The meeting featured a lecture by *Aaron Ciechanover*, Nobel Laureate and EMBO Member, on the ubiquitin system and a media communication workshop.

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

→ EMBO held the *Women in Science: The Way Forward* conference in Heidelberg on 9–11 May, organized within SET-Routes, a joint project with EMBL and CERN, and financed by the EU 6th Framework programme. The conference focused on moving forward to find concrete ways to improve the prospects of women working in science (see page 33).

→ EMBO continues to drive and participate in the activities and meetings of the European Life Sciences Forum (ELSF) and the Initiative for Science in Europe (ISE) (see page 38). □

In 2007, two formal sessions of EMBC were held in Heidelberg and Hamburg. The EMBC Strategic Working Party also met once and a meeting of the Financial Advisory Group took place in Portorož (Slovenia). The decisions and actions resulting from these meetings are listed below.

EMBC Officers

→ *Peter Weisbeek* (Netherlands) was elected President for 2008. *Krešimir Pavelić* (Croatia) was re-elected Vice-President and *Claudio Sunkel* (Portugal) was elected Vice-President for the first time.

→ *Isabella Beretta* (Switzerland) was re-appointed EMBC Secretary General.

→ *Maria José Almeida* (Portugal) was elected Chair of the Financial Advisory Group and the Audit Committee for 2008. *Paula Heppner* (Germany) was elected Vice-Chair of the Financial Advisory Group and the Audit Committee.

Financial matters

→ EMBC accepted the accounts for 2006 and noted the reports of the external and internal auditors.

→ EMBC started its discussions on the next draft indicative scheme covering the period 2010–2015.

Reports on EMBO/EMBC activities

→ At each of its formal sessions, EMBC heard a report on the delivery by EMBO of the EMBC General Programme. At its July session, the EMBC welcomed the new Executive Director of EMBO, Professor *Hermann Bujard*.

→ The EMBC Special Project supporting *Strategic Development Installation Grants* (known as the EMBO Installation Grants scheme) received 58 applications. Nine scientists were selected to receive funding from the seven participating member states as of 2008.

→ A joint declaration by both EMBC and EMBO on the EC's European Charter for Researchers was signed and sent to the EC. EMBO and EMBC will continue to monitor developments in this area.

→ A detailed report on the quality analysis of the EMBO Young Investigator Programme was presented. □



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

EMBC officers for 2007

Marja Makarow (Finland)
President

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

Isabella Beretta (Switzerland)
Secretary General

Brita Beije (Sweden)
Chair, Financial Advisory Group/
Audit Committee

Maria José Almeida (Portugal)
Vice-Chair, Financial Advisory Group/
Audit Committee

Strategic Working Party 2007

Ahmet Ademoğlu (Turkey)

Brita Beije (Sweden)

Isabella Beretta (Switzerland)

Eckhart Curtius (Germany)

Julien Galabru (France)

Marja Makarow Chair (Finland)

Juan Modolell (Spain)

Krešimir Pavelić (Croatia)

Glaucio Tocchini-Valentini (Italy)

Peter Weisbeek (Netherlands)

Douglas Yarrow (United Kingdom)

EMBO & EMBC

PROGRAMMES & ACTIVITIES

2007



fellowship programme page 20

courses & workshops programme page 21

young investigator programme page 22

installation grants page 23

science & society programme page 24

electronic information programme page 25

Jan Taplick
Programme Manager



Liselott Maidment
Administrator
Long-term fellowships



Agnès Visser-de Matteis
Administrator
Short-term fellowships



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

■ Approximately 200 long-term fellowships and 200 short-term fellowships awarded annually

■ Annual EMBO Fellows Meeting for fellows in the final year of their long-term fellowship

■ EMBO Fellows Network forging links between EMBO Fellows past and present

■ Professional training for long-term fellows including EMBO Laboratory Management Courses (see page 22) and EMBO Media Workshops (see page 24)

■ Special conditions for EMBO Fellows with children (see page 33)

2007 HIGHLIGHTS

→ **EMBO Long-Term Fellowships**

1288 applicants / 212 awards
16% success rate

→ **EMBO Short-Term Fellowships**

409 applicants / 211 awards
52% success rate

→ **EMBO Fellows Meeting**

22–25 June 2007
Heidelberg, Germany
78 participants

→ **EMBO Laboratory Management Courses**

for long-term fellows

→ For long-term fellowship trends and statistics, see **pages 66–85**

→ For short-term fellowship trends and statistics, see **pages 86–107**

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

- Over 70 meetings funded annually, attracting approximately 6,000 participants
- Varied training including practical courses, workshops and conference series on a wide range of novel topics
- Joint activities sponsored with other scientific organisations such as EMBO-ESF Symposia
- Maximum grant of €30,000 per meeting depending on budgetary requirements
- Travel grants for practical course participants from selected countries
- Free online HelpDesk service assists organisers with websites, posters and online application/registration

→ For a list of all courses, workshops and conferences in 2007, see **pages 118–122**

→ For a list of 2008 courses, workshops and conferences, see **pages 136–139**

2007 HIGHLIGHTS

- **EMBO Practical Courses**
23 applications / 18 funded*
8 applications / 8 funded**
- **EMBO Workshops**
39 applications / 24 funded*
1 application / 1 funded**
- **EMBO Conference Series**
21 applications / 14 funded*
- **EMBO Lecture Courses**
3 applications / 2 funded*
2 applications / 0 funded**
- **ESF-EMBO Symposia**
12 applications / 5 funded
- **HelpDesk service**
35 websites, 29 posters

* Within Europe (EMBC)

** Outside Europe



Maria Barbosa
Programme Manager



Anne Seller
Administrator



Lynne Turnbull
Administrator
Online HelpDesk

Departures

Mary Gannon
Programme Manager

Marion Poth
Administrator

Gerlind Wallon
Programme Manager



Kim Krynauw
Administrator



The EMBO Young Investigator Programme supports outstanding young group leaders in the early years of their independent careers. Launched in 2000, the programme currently supports a network of over 200 scientists in 23 EMBC Member States. The young investigators benefit from unique networking and training opportunities designed to raise their profile, widen their network and support their research groups.

- Approximately 20 EMBO Young Investigators selected annually

- Networking support through annual meetings, laboratory exchanges and EMBO Member mentorship

- Promotional activities including sponsorship of lectures at international meetings and distribution of a brochure profiling the young investigators

- Training opportunities such as laboratory management courses, an annual PhD course for the young investigators' students and satellite meetings on different topics

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

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

2007 HIGHLIGHTS

→ **EMBO Young Investigator Programme**

131 applicants / 18 awards
14% success rate

→ **7th EMBO Young Investigator Meeting**

13–15 June 2007 | EMBL, Heidelberg, Germany

→ **EMBO Young Investigator Lectures**

47 lectures sponsored at international meetings

→ **EMBO Laboratory Management Courses and Advanced Leadership Courses**

For young group leaders and EMBO Fellows

→ **6th EMBO Young Investigator PhD Course**

23–30 September 2007 | Heidelberg, Germany
36 participants

→ **1st EMBO Young Investigator Sectoral Meeting on Neurobiology**

16 June 2007 | Heidelberg, Germany

→ For a list of EMBO Young Investigators selected in 2007, see **page 108**

→ For programme statistics and EMBO Young Investigator Lectures in 2007, see **pages 110–117**

→ For a list of programme events in 2008, see **pages 140–141**

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

- Nine scientists selected in 2007
- Participating countries: Croatia, the Czech Republic, Estonia, Hungary, Poland, Portugal and Turkey
- Annual grant of €50,000 for three to five years
- Networking support through the EMBO Young Investigator Programme (see opposite page)
- Annual meetings to network scientists in the participating countries e.g. EMBO/HHMI Central European Scientists Meetings

2007 HIGHLIGHTS

→ EMBO Installation Grant awards

58 applicants/9 awards
16% success rate

→ 5th EMBO/HHMI

Central European Scientists Meeting

13–16 September 2007 | Tallinn, Estonia

Current participating countries

Croatia	Poland
Czech Republic	Portugal
Estonia	Turkey
Hungary	

→ For a list of the EMBO Installation Grant Recipients selected in 2007, see **page 109**

Gerlind Wallon
Programme Manager

Kim Krynauw
Administrator

Andrew Moore
Programme Manager



Alessandra Bendiscioli
Administrator



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

- Public dialogue on scientific developments of social concern through annual conferences co-organised with EMBL
 - Analysis of current issues in European life sciences policy resulting in publications informing policy-making
 - Annual Award for Communication in the Life Sciences rewarding scientists for outstanding communication with the public
 - Media communication training for young scientists
 - Activities supporting education in the molecular life sciences
 - Sessions at European scientific meetings
 - Funding of science and society speakers at European scientific meetings
- For a list of programme events in 2008, see **page 140**

2007 HIGHLIGHTS

→ **8th EMBO/EMBL Joint Conference on Science & Society**

The future of our species – Evolution, disease and sustainable development
2–3 November 2007 | Heidelberg, Germany
190 participants

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

Ali Saib and Christian Sardet (see page 35)

→ **6th EMBO International Workshop on**

Secondary School Biology Education
17–19 May 2007 | Heidelberg, Germany
92 participants from 27 countries

→ **7th EMBO Media Workshop**

23 June 2007 | Heidelberg, Germany
78 participants

→ **Media communication workshop at EMBO Members Workshop**

Communicating difficult issues
28 October 2007 | Barcelona, Spain

The Electronic Information Programme supports EMBO programmes, networks and the wider scientific community with web-based services that include the EMBO website, online application and registration systems, the EMBO Life Sciences Mobility Portal and EMBO fellowsNet.

- Up-to-date information on EMBO activities, the EMBO community and the life sciences in general through the EMBO website
 - Searchable online database of information on European funding, training and career opportunities through the EMBO Life Sciences Mobility Portal
 - Support of web-based interaction and communication within the EMBO Fellows Network through EMBO fellowsNet (see page 20)
 - Integrated online services and application systems for the Fellowship Programme and Young Investigator Programme
 - Online application and registration systems for the Courses & Workshops Programme and its online HelpDesk service
- Professional content management systems for the EMBO and EMBC websites
- 2007 HIGHLIGHTS**
- **Two-fold increase in visitors to EMBO Life Sciences Mobility Portal compared to prior year**
More than 26,500 visitors in September 2007
 - **Twelve percent increase in annual hits on EMBO website**
More than 851,500 hits in December 2007
 - **EMBO fellowsNet**
More than 900 registered users
 - **Online HelpDesk for EMBO Courses & Workshops Programme**
Improved functionality, updates and maintenance



Les Grivell
Programme Manager



Anne Seller
Administrator



Patricia Codyre
Communications Officer
(Web)



Laura Cortesi
EMBO fellowsNet
Administrator



Ole Hansen
Technical Officer



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

EMBO

ACTIVITIES

2007



EMBO activities

The EMBO Journal page 28

EMBO reports page 29

Molecular Systems Biology page 30

journal subject categories page 31

national science reviews page 32

women in science page 33

gold medal page 34

**award for communication
in the life sciences** page 35

plenary lectures page 36

communications page 37

European Life Sciences Forum (ELSF) page 38



Pernille Rorth
Executive Editor

Isabel Arnold
Karin Dumstrei

Stan Gorski
Thomas Schwarz-Romond
Hartmut Vodermaier
Editors

Jana Christopher
Valeria Kaplan
Fiona Panayi
Meryl Schneider
Gerlinde Schuster
Editorial Assistants

Volker Wiersdorff
Database/graphics/
web support



The EMBO Journal has been the flagship EMBO publication for over 20 years. With a current impact factor of 10.086 and a citation half-life of 7.4 years,* the journal has an international reputation for quality and originality. Published papers are amongst the best in their fields, providing novel insights into a diverse range of biological problems.

*Journal Citation Reports,
Thomson 2007

■ Broad scope spanning all areas of molecular biology (see subject categories on page 31)

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

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

■ Efficient online submission system

■ Initial editorial decisions within one week of submission and within three to four weeks for in-depth peer review

■ Rapid online publication and wide exposure of articles through highlights across NPG's subject area pages and gateways

■ Free online access after 12 months via nature.com and PubMed Central (immediate access to the developing world through the WHO-brokered HINARI initiative)

■ Full archive available online

2007 HIGHLIGHTS

→ **EMBO Open introduced**

Authors can publish via an Open Access model

→ **Rapid time to first decision on manuscripts**

Average of five days following submission

→ **High submission rate from outside Europe**

56% of submitting authors

→ **E-mail alerts increase by 14 percent over prior year**

Monthly average of almost 85,000 registrants

→ **Online RSS feeds implemented**

Average monthly uptake more than 78,000

→ **Meeting of Senior Advisors**

9 October 2007 | Heidelberg, Germany

→ **More than 700 entries for annual cover contest**

Senior Advisors

David C. Baulcombe	Tim Hunt
Ari Helenius	Tony Hunter

→ For a list of Advisory Editorial Board members, see **pages 64–65**

EMBO reports uniquely caters for both the scientific community and general readers interested in the social impact of biological advances. With a varied perspective on current research in a range of articles including research papers, reviews, scientific reports and journalistic viewpoints, the journal currently has an impact factor of 8.175.* *Journal Citation Reports, Thomson 2007

- Diverse scope covering all areas of molecular biology (see subject categories on page 31)
- Three sections: *Science & Society*, *Reviews*, *Scientific Reports*
- Owned and run by EMBO, published by Nature Publishing Group (NPG)
- Professional EMBO editorial team supported by a Senior Editor and international Advisory Editorial Board of EMBO Members
- Publication of special issues on topics of current scientific and social interest
- Innovative editorial and graphical support
- Efficient online submission system
- Initial editorial decision within one week of submission and within three to four weeks for in-depth peer review
- Rapid online publication and wide exposure of articles through highlights across NPG's subject area pages and gateways
- Free online access after 12 months via nature.com and PubMed Central (immediate access to the developing world through the WHO-brokered HINARI initiative)

- Full archive available online

2007 HIGHLIGHTS

- **Science & Society special issue**
Genes, brain/mind and behaviour (July 2007)
- **Introduction of *Talking Points* article type**
One controversial topic addressed from two points of view in *Science & Society* or *Reviews* sections
- **Scientific paper submissions increased**
14% increase on 2006
- **EMBO Open introduced**
Authors can publish using an Open Access model
- **International press citations**
Including *The Wall Street Journal*
- **Rapid time to first decision on manuscripts**
Average of seven days following submission
- **High submission rate from outside Europe**
Almost 50% of submitting authors
- For a list of Advisory Editorial Board members, see **pages 64–65**

Departures

- Susan R. Owens**
Editor, Reviews
- Caroline Hadley**
Assistant Editor



Frank Gannon
Senior Editor



Holger Breithaupt
Editor, Science & Society



Sandra Caldeira
Editor, Scientific Reports



Samuel Caddick
Assistant Editor



Nonia Pariente
Editor, Reviews



Les Grivell
Associate Editor



Uta Mackensen
Graphics Editor



Susanne Hofner-Harris
Editorial Assistant

Thomas Lemberger
Editor



Les Grivell
Associate Editor



Jana Christopher
Editorial Assistant



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

- Wide scope covering all aspects of molecular systems biology (see subject categories on page 31)
 - Immediate free access to all content online, supported by an author publication charge
 - Professional EMBO editorial team, panel of Senior Editors and Advisory Editorial Board of leading systems biology researchers
 - Published by Nature Publishing Group (NPG) and jointly owned by EMBO and NPG
 - Variety of article formats including primary research papers, reviews, perspectives, news & views, and editorials
 - Rapid publication and wide exposure of articles across NPG's subject area pages and gateways
 - Enhanced support for structured data formats such as Systems Biology Markup Language (SBML)
- 2007 HIGHLIGHTS**

 - **Achieved Impact Factor 7.941***
 - **Submissions increased two-fold**
 - **Open-access licence extended**
Authors can permit derivative works
 - **Introduced *Perspectives* article type**
Communicates novel concepts and innovative research directions
 - ***Systems Biology in Human Health and Medicine* reprint collection published**
8900 printed copies distributed to *Nature Biotechnology* subscribers and others
 - **Redesigned homepage**
Added thumbnails to research papers, *Top 10 downloads*, and links to *Latest blog posts*
 - **Launched *The Seven Stones* blog**
Instant online publishing and commenting platform on systems and synthetic biology
 - **Journal partner for the 8th International Conference on Systems Biology and for RECOMB Satellite Conference on Systems Biology 2007**

*Journal Citation Reports, Thomson 2007

Senior Editors

Ruedi Aebersold
Peer Bork
George Church
Leroy Hood
Edison Liu

→ For a list of Advisory Editorial Board members see **page 65**

Subject categories

The EMBO Journal, EMBO reports and Molecular Systems Biology

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

Categories unique to Molecular Systems Biology

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

THE
EMBO
JOURNAL

EMBO
reports

molecular
systems
biology



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

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

EMBO Reviews (1995–2005)

1995	Austrian Biochemistry & Biotechnology Programmes
1997	Finland Biotechnology Programme
1999	Hungarian Academy of Sciences (life science centers)
2003	French Genopole System
2005	Spanish National Biotechnology Centre (CNB)
2005	Spanish National Research Council (CSIC)

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



Gerlind Wallon
Manager

- Analysis of gender balance in EMBO activities and the life sciences generally
- Extended eligibility period for female scientists with children applying to the Young Investigator Programme (see page 22)

- Strategic measures to address imbalances and promote family-friendly conditions in research

- Annual studies and statistics on the participation of female scientists in EMBO programmes

- Collaboration with other scientific organisations such as the FEBS Women in Science working group and the SET-Routes initiative with EMBL and CERN

- Targeted events such as the SET-Routes Women in Science Conference

- Special conditions for EMBO Fellows with children including paid parental leave, part-time working hours, possibility of child-care support and a waiver of the requirement to move country for restart candidates

2007 HIGHLIGHTS

→ **SET-Routes International Conference, *Women in Science: The Way Forward***

9–11 May 2007 | Heidelberg, Germany
5000 copies of proceedings distributed

→ **FEBS/EMBO Women in Science Session, *Strategies and programmes to facilitate careers for women***

32nd FEBS Congress
9 July 2007 | Vienna, Austria

→ **Research paper published**

A persistent problem: Traditional gender roles hold back female scientists
EMBO rep 8: 982–987 (2007)

→ For statistics on the participation of women in EMBO activities, see **pages 126–130**

Departure

Anna Ledin
Administrator



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

The 2007 winner was **Jan Löwe**, head of the Molecular Machines group at the Medical Research Council's Laboratory of Molecular Biology. Löwe was honoured for his landmark work elucidating the structure and function of proteins involved in bacterial cell division.

Jan Löwe received his award and presented a lecture on his research at a special award ceremony on 27 October 2007 at the EMBO Members Workshop in Barcelona, Spain.

Winners of the EMBO Gold Medal

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

The EMBO Award for Communication in the Life Sciences is presented annually to life scientists in Europe for outstanding contributions to the public communication of science. The prize rewards these scientists for their exceptional efforts to combine science communication with a full-time research career. Joint winners in 2007 were French cell biologists **Ali Saib**, Professor at University of Paris 7, and **Christian Sardet**, Head of the BioMarCell group in Villefranche-sur-Mer at the Marine Center of the University of Paris 6 (UPMC) and the Centre National de la Recherche Scientifique (CNRS).



Ali Saib received the award in recognition of his steadfast interest in communicating scientific material to the broad public and students of all ages. He initiated a project to educate young people in the inner city of Marseille on infectious diseases such as HIV/AIDS and STD. Following its success, he established an innovative project named *Les Apprentis-Chercheurs – novice researchers* – an action of *L'arbre des connaissances – the tree of knowledge* – an association he founded. This project collaborates with high schools, universities, the INSERM and CNRS Research Institutes allowing undergraduate students to visit research labs and work directly with scientists on research projects, bridging the gap between science and society.

The award to **Christian Sardet** recognised his highly original use of interactive multimedia technology to communicate scientific information including detailed molecular events. His establishment of a creative team to produce

educational animations called *BioClips* evolved into the annual International Festival *Cinema of the Cell*, held during ELSO meetings in Nice and Dresden, and accompanied by the BioClips.com website.

Ali Saib and Christian Sardet received their awards and presented their communication work on 3 November 2007 at the EMBO/EMBL Science & Society Conference in Heidelberg, Germany.



Winners of the EMBO Award for

Communication in the Life Sciences

2002	Ronald Plasterk (Utrecht, NL)
2003	Peter Csermely (Budapest, HU)
2004	Fran Balkwill (London, UK)
2005	Edoardo Boncinelli (Milan, IT)
2006	Armand Marie Leroi (London, UK)
2007	Ali Saib (Paris, FR) & Christian Sardet (Villefranche-sur-Mer, FR)

Maria Barbosa
Programme Manager

Anne Seller
Administrator

Lynne Turnbull
Administrator
Online HelpDesk

Every year EMBO sponsors plenary lectures by EMBO Members at major international scientific meetings. The aim is two-fold – to support EMBO Members in their collaboration with scientists from associated fields and to raise the profile of European science worldwide. Sponsorship of plenary lectures raises awareness of EMBO activities within a wide scientific audience. In 2007, EMBO sponsored 26 plenary lectures, 18 of these within EMBC Member States.

EMBO Plenary Lectures 2007: Geographical distribution

Europe (16 lectures)

Austria (3)	Hungary (1)
Croatia (1)	Italy (2)
Denmark (1)	Norway (1)
France (2)	Slovenia (2)
Germany (3)	United Kingdom (1)
Greece (1)	

Outside Europe (8 lectures)

Argentina (1)	New Zealand (1)
Australia (2)	United States of America (1)
China (1)	Uruguay (1)
Mexico (1)	

→ For full details of 2007 plenary lectures, see **pages 124–125**

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

- Up-to-date information on EMBO activities, the EMBO community and the life sciences through the EMBO website (see page 25)
- EMBOencounters newsletter, featuring the latest news from EMBO and its scientific networks
- Information and publicity material on EMBO activities e.g. brochures, flyers, posters
- Print and online advertising in major scientific publications e.g. *Nature*, *Science*
- Regular contact with the EMBO Community, keeping scientists informed of developments at EMBO
- Interaction with the scientific community at major European scientific meetings

- Communication with the media, providing a trusted source of information on EMBO activities and the life sciences

2007 HIGHLIGHTS

→ EMBOencounters

Two issues

→ Print & online advertising

Nature, *Nature Medicine*, *Science*, *New England Journal of Medicine* & EMBO publications

→ Press coverage

Nature, *Science Careers*, *Lab Times*, *BioSpektrum* & other key publications

→ Exhibition presence

32nd FEBS Congress
July 2007 | Vienna, Austria



Suzanne Beveridge
Chief Communications
Officer



Patricia Codyre
Communications Officer
(Web)



Uta Mackensen
Graphic Designer



Anne Seller
Administrator

Departure

Lindsay Johnson
Chief Communications
Officer

Luc Van Dyck
Executive Co-ordinator



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

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

APPENDIX

2007



appendix

EMBC delegates and advisers	pages 42–48
EMBC scale of contributions	page 49
EMBO council & committees 2007	pages 50–51
EMBO council & committees 2008	pages 52–53
new members 2007	pages 54–63
advisory editorial boards & senior editors 2007	pages 64–65
long-term fellowship awards 2007	pages 66–81
long-term fellowships: statistics and geographical distribution	pages 82–85
short-term fellowship awards 2007	pages 86–102
short-term fellowships: statistics and geographical distribution	pages 104–107
young investigators 2007	page 108
installation grant recipients 2007	page 109
young investigators 2000–2006	pages 110–111
young investigator statistics	pages 112–113
young investigator lectures 2007	pages 114–117
courses, workshops, lectures, conferences, symposia 2007	pages 118–122
plenary lectures 2007	pages 124–125
participation of women in EMBO activities: statistics	pages 126–130
EMBO staff	pages 132–133

→ AUSTRIA

Prof. Annemarie Frischauf	Dept. of Molecular Biology University of Salzburg	Hellbrunnerstrasse 34 5020 Salzburg	tel +43 662 8044 5779 fax +43 1 662 8044 144	annemarie.frischauf@sbg.ac.at
Mag. Elisabeth Tischelmayer	Federal Ministry for Education, Science and Culture (BM:BWK) Referat VI/1a	Rosengasse 2-6 1014 Vienna	tel +43 1 53120 7120 fax +43 1 53120 81 7120	elisabeth.tischelmayer@bmbwk.gv.at

→ BELGIUM

Dr Véronique Feys	Belgian Federal Science Policy Office	8, rue de la Science 1000 Brussels	tel +32 2 238 3486 fax +32 2 230 5912	veronique.feys@belspo.be
Prof. Marc van Montagu	Plant Biotechnology Institute for Developing Countries (IPBO) Gent University	K.L. Ledeganckstraat 35 9000 Gent	tel +32 9 264 87 27 fax +32 9 264 87 95	marc.vanmontagu@ugent.be

→ CROATIA

Prof. Krešimir Pavelić	Ruđer Bošković Institute Division of Molecular Medicine	Bijenicka c. 54 POB 180 10002 Zagreb	tel +385 1 468 0094 fax +385 1 456 1010	pavelic@irb.hr
------------------------	--	--	--	----------------

→ CZECH REPUBLIC

Ms Jana Bystrická	Ministry of Education, Youth and Sports Dept. of International Cooperation	Karmelitska 7 118 12 Prague	tel +420 257 139 24 fax +420 257 193 79	jana.bystricka@msmt.cz
Prof. Zdena Palková	Dept. of Genetics and Microbiology Charles University	Vinická 5 12844 Prague 2	tel +420 2 2195 1721 fax +420 2 2195 1729	zdenap@natur.cuni.cz

→ DENMARK

Ms Edel Bregnbæk	Danish Agency for Science, Technology & Innovation	Bredgade 40 1260 Copenhagen K	tel +45 35 44 62 32 fax +45 33 32 35 01	bregn@fi.dk
Prof. Finn Cilius Nielsen	Dept. of Clinical Biochemistry Centre of Diagnostic Investigation Copenhagen University Hospital	Blegdamsvej 9 2100 Copenhagen Ø	tel +45 35 45 30 16 fax +45 35 44 62 01	finn.cilius.nielsen@rh.regionh.dk

EMBC delegates and advisers (as of January 2008)

→ ESTONIA

Prof. Toivo Maimets	Dept. of Cell Biology Institute of Molecular and Cell Biology University of Tartu	Riia 23b-135 80019 Tartu	tel +372 737 5028 fax +372 742 0286	toivo.maimets@ut.ee
Mr Toivo Raim	Counsellor for Scientific Affairs Permanent Representation of Estonia to the EU	Rue Guimard 11/13 1040 Brussels	tel +32 2 227 39 10 fax +32 2 227 43 38	toivo.raim@eu.estemb.be

→ FINLAND

Prof. Kalervo Hiltunen	Dept. of Biochemistry University of Oulu	90014 University of Oulu	tel +358 8 553 1150 fax +358 8 553 1141	kalervo.hiltunen@oulu.fi
Dr Riitta Mustonen	Academy of Finland	P.O. Box 99 Vilhonvuorenkatu 6 00501 Helsinki	tel +358 9 7748 8836 fax +358-9-7748 8379	Riitta.Mustonen@aka.fi anja.raatikainen@aka.fi
Prof. Eero Vuorio	Chancellor University of Turku	Kanslerinvirasto 20014 University of Turku	tel +358 2 333 6100 fax +358 2 333 5011	eero.vuorio@utu.fi

→ FRANCE

Dr Julien Galabru	Ministry of Foreign Affairs Directorate General for Scientific Cooperation and Research DGCID/DCSU/ROP	244, bd. Saint-Germain 75303 Paris 07 SP	tel +33 1 43 17 82 85 fax +33 1 43 17 89 37	julien.galabru@diplomatie.gouv.fr
Dr Jean-Claude Pernollet	Ministry of Higher Education and Research	1, rue Descartes 75231 Paris Cedex 05	tel +33 155 558 435 fax +33 155 559 767	jean-claude.pernollet@recherche.gouv.fr

→ GERMANY

Mr Eckhart Curtius	Federal Ministry of Education and Research (BMBF) Referat 613	Heinemannstr. 2 53175 Bonn	tel +49 1888 57 3254 fax +49 1888 57 8 3254	eckhart.curtius@bmbf.bund.de
Ms Paula Heppner	Federal Ministry of Education and Research (BMBF) Referat 613	Heinemannstr. 2 53175 Bonn	tel +49 1888 57 3681 fax +49 1888 57 83681	paula.heppner@bmbf.bund.de
Prof. Reinhard Lührmann	MPI for Biophysical Chemistry Dept. of Cellular Biochemistry	Am Faßberg 11 37070 Göttingen	tel +49 551 201 1405 fax +49 551 201 1197	reinhard.luehrmann@mpi-bpc.mpg.de

→ GREECE

Prof. Theodore Fotsis	Director, Laboratory of Biological Chemistry Faculty of Medicine University of Ioannina	45110 Ioannina	tel +30 265 10 97560 fax +30 265 10 97868	thfotsis@uoi.gr
Prof. Charalambos Savakis	Faculty of Medicine University of Crete and Institute of Molecular Biology & Biotechnology (IMBB-FORTH)	Vassilika Vouton P.O. Box 1385 71110 Heraklion Crete	tel +30 2810 391114/391088 fax +30 2810 391950	savakis@imbb.forth.gr

→ HUNGARY

Ms Klara Papp	Hungarian Academy of Sciences (MTA) Office for International Cooperation	Nádor u. 7 1051 Budapest	tel +36 1 327 3000/2538 fax +36 1 327 3000/2539	kpapp@office.mta.hu
Prof. László Patthy	Institute of Enzymology Biological Research Centre	Karolina út 29 1113 Budapest	tel +36 1 209 3537 fax +36 1 466 5465	patthy@enzim.hu
Dr János Pusztai	Hungarian Academy of Sciences (MTA) Office for International Cooperation	Nádor u. 7 1051 Budapest	tel +36 1 327 3000/2536 fax +36 1 411 6370	jpusttai@office.mta.hu

→ ICELAND

Prof. Eiríkur Steingrímsson	Biochemistry and Molecular Biology Faculty of Medicine University of Iceland	Vatnsmýrarvegur 16 101 Reykjavík	tel +354 525 4270 fax +354 525 4886	eirikurs@hi.is
-----------------------------	---	-------------------------------------	--	----------------

→ IRELAND

Mr Paul Brennan	Office of Science and Technology Dept. of Enterprise, Trade and Employment	23 Kildare Street Dublin 2	tel +353 1 631 29 09 fax +353 1 631 28 12	paul_brennan@entemp.ie
Dr Maurice Treacy	Director, BioSciences & BioEngineering Science Foundation Ireland	Wilton Park House Wilton Place Dublin 2	tel +353 1 607 3212 fax +353 1 607 3163	mtreacy@sfi.ie

EMBC delegates and advisers (as of January 2008)

→ ISRAEL

Prof. Marvin Edelman	Dept. of Plant Sciences Weizmann Institute of Science	76100 Rehovot	tel +972 8 934 3301/39 fax +972 8 946 9124	marvin.edelman@weizmann.ac.il
Dr Mahmoud Taya	Ministry of Science and Technology Life Science Division	Haqiryia Hamizrahit Bldg 3 P.O. Box 49100 91490 Jerusalem	tel +972 2 541 1126 fax +972 2 532 2124	mahmoud@most.gov.il

→ ITALY

Dr Antonino Cianca	Ministry of Treasury The State General Accounting Department I.G.A.E. Office X	Via XX Settembre no 97 00187 Roma	tel +39 06 476 13512 fax +39 06 481 4724	antonino.cianca@tesoro.it
Prof. Glauco Tocchini-Valentini	Institute of Cell Biology (CNR-IBC) Campus A. Buzzati-Traverso	Via E. Ramarini 32 00016 Monterotondo Scalo (RM)	tel +39 06 906 0317 fax +39 06 900 91261	gtocchini@ibc.cnr.it

→ LUXEMBOURG

Ms Josiane Entringer	Ministère de la Culture, de l'Enseignement Supérieur et de la Recherche Dept. Recherche et Innovation	20, Montée de la Petrusse 2912 Luxembourg	tel +352 247 85217 fax +352 460 927	josiane.entringer@mcesr.etat.lu
----------------------	--	--	--	---------------------------------

→ NETHERLANDS

Dr Jeannette Ridder-Numan	Ministry of Education, Culture and Science	PC 4100 Rijnstraat 50 2515 XP Den Haag	tel +31 70 412 3405 fax +31 70 412 2525	j.w.a.ridder@minocw.nl
Prof. Peter J. Weisbeek (EMBC President)	University of Utrecht Dept. of Molecular Genetics	Padualaan 8 3584 CH Utrecht	tel +31 30 253 3580 fax +31 30 251 3655	p.j.weisbeek@bio.uu.nl

→ NORWAY

Prof. Aurora Martínez	Dept. of Biomedicine University of Bergen	Jonas Lies vei 91 5009 Bergen	tel +47 55 58 6427 fax +47 55 58 6300	aurora.martinez@ibmb.uib.no
Dr Kjersti Sletholt	Research Council of Norway	Stensberggata 26 0131 Oslo	tel +47 22 03 7170 fax +47 22 03 7250	kjs@rcn.no

→ POLAND

Prof. Andrzej Jerzmanowski	Laboratory of Plant Molecular Biology Warsaw University Institute of Biochemistry and Biophysics, Polish Academy of Sciences (IBB-PAS)	Pawinskiego 5a 02-106 Warsaw	tel +48 22 659 6072 (ext. 5704) fax +48 22 658 4636	andyj@ibb.waw.pl
Ms Maria Klimkiewicz	Ministry for Scientific Research and Information Technology Dept. of International Cooperation	Wspólna 1/3 00-529 Warsaw	tel +48 22 628 32 89 fax +48 22 628 35 34	maria.klimkiewicz@mni.gov.pl

→ PORTUGAL

Ms Maria José Almeida	Office for International Relations in Science and Higher Education (GRICES)	v. 5 de Outubro, 85-5° 1050-050 Lisbon	tel +351 21 782 83 44 fax +351 21 797 16 87	m.j.almeida@grices.mctes.pt
Prof. Maria do Carmo Fonseca	Faculty of Medicine University of Lisbon Institute of Molecular Medicine	Av. Professor Egas Moniz 1649-028 Lisbon	tel +351 21 794 01 57 fax +351 21 795 17 80	carmo.fonseca@fm.ul.pt
Prof. Cláudio Sunkel	Institute for Molecular and Cell Biology University of Porto	Rua do Campo Alegre 823 4150-180 Porto	tel +351 22 607 49 00 fax +351 22 609 91 57	cesunkel@ibmc.up.pt

→ SLOVAK REPUBLIC

Ms Pavlína Emrichová	Ministry of Education Division of Science and Technology Dept of International Cooperation	Stromová 1 813 30 Bratislava	tel +4212 69252237 fax +4212 69252203	pavlina.emrichova@minedu.sk
Dr Silvia Pastoreková	Institute of Virology Slovak Academy of Sciences	Dubravská cesta 9 845 05 Bratislava	tel +4212 59302404 fax +4212 54774284	virusipa@savba.sk

EMBC delegates and advisers (as of January 2008)

→ SLOVENIA

Prof. Franc Gubenšek	Dept. of Biochemistry J. Stefan Institute	Jamova 39 1000 Ljubljana	tel +386 1 477 32 50 fax +386 1 257 35 94	franc.gubensek@ijs.si
Ms Radojka Verčko	Ministry of Higher Education, Science and Technology Dept. of International Cooperation and European Affairs	Trg OF 13 1000 Ljubljana	tel +386 1 478 46 83 fax +386 1 478 4719	radojka.vercko@gov.si

→ SPAIN

Ms Cristina Espa Felip	Deputy Head International Programmes & Organisms Ministry of Education and Science	José Abascal 4.2 28003 Madrid	tel +34 91 594 86 18 fax +34 91 594 86 43	cristina.espa@mec.es
Prof. Juan Modolell	Centre of Molecular Biology CSIC-UAM	Cantoblanco 28049 Madrid	tel +34 91 497 50 73 fax +34 91 497 47 99	jmodol@cbm.uam.es
Ms Ángeles Rodríguez Peña	Deputy Director General for International Programmes & Organisms Ministry of Education and Science	C/ José Abascal 4, 2a Planta 28003 Madrid	tel +34 91 594 86 06 fax +34 91 594 86 43	angeles.rodriguez@mec.es

→ SWEDEN

Dr Brita Beije	The Swedish Research Council Natural and Engineering Sciences	Regeringsgatan 56 103 78 Stockholm	tel +46 8 546 44 249 fax +46 8 546 44 144	brita.beije@vr.se
Prof. Marianne Sommarin	Dept. of Biochemistry Lund University Chemical Center	Getingevägen 60 222 41 Lund	tel +46 46 222 77 92 fax +46 46 222 41 16	marianne.sommarin@biochemistry.lu.se

→ SWITZERLAND

Dr Isabella Beretta (EMBC Secretary General)	State Secretariat for Education and Research Multilateral Research Cooperation	Hallwylstrasse 4 3003 Bern	tel +41 31 322 84 17 fax +41 31 322 78 54	isabella.beretta@sbf.admin.ch
Prof. Rolf Zeller	Developmental Genetics DKBW Centre for Biomedicine University of Basel Medical School	Mattenstrasse 28 4058 Basel	tel +41 61 267 27 25 fax +41 61 267 39 59	rolf.zeller@unibas.ch

→ TURKEY

Prof. Ahmet Ademođlu	Biomedical Engineering Institute Bođaziçi University	Bebek 34342 Istanbul	tel +90 212 259 64 18 fax +90 212 257 50 30	ademoglu@boun.edu.tr
----------------------	---	-------------------------	--	----------------------

→ UNITED KINGDOM

Dr Mike Davies	Medical Research Council (MRC)	20 Park Crescent London W1B 1AL	tel +44 20 7637 6021 fax +44 20 7636 6289	mike.davies@headoffice.mrc.ac.uk
Dr Alf Game	Biotechnology and Biological Sciences Research Council	North Star Avenue Polaris House Swindon SN2 1UH	tel +44 1793 414651 fax +44 1793 413203	alf.game@bbsrc.ac.uk
Mr Nigel Watts	Medical Research Council (MRC)	20 Park Crescent London W1B 1AL	tel +44 20 7670 6292 fax +44 20 7580 6198	nigel.watts@headoffice.mrc.ac.uk

Contributions from EMBC Member States

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

** Estonia joined the EMBC in 2006
(Luxembourg and the Slovak Republic
joined the EMBC in 2007)*

EMBO council members 2007

elected term(s) of office	name	country
2005–2007	Anton Berns (<i>Vice-Chair</i>)	NL–Amsterdam
2003–2005, 2006–2008	Margaret Buckingham	FR–Paris
2005–2007	Roberto di Lauro	IT–Naples
2002–2004, 2005–2008	Ingrid Grummt	DE–Heidelberg
2007–2009	Ari Helenius	CH–Zürich
2004–2006, 2007–2009	Tim Hunt (<i>Chair</i>)	UK–London
2005–2007	Daniel Louvard	FR–Paris
2002–2004, 2005–2007	Carlos Martínez-A.	ES–Madrid
2006–2008	Marjori Matzke	AT–Vienna
2007–2009	Daniela Rhodes	UK–Cambridge
2006–2008	Benny Shilo	IL–Rehovot
2006–2008	David Shore	CH–Geneva
2004–2006, 2007–2009	Kai Simons	DE–Dresden
2004–2006, 2007–2009	Gunnar von Heijne	SE–Stockholm
2003–2005, 2006–2008	Maciej Żylicz	PL–Warsaw

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

ex officio / observers

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

EMBO committee members & auditors 2007 (year elected)

course committee

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

membership committee

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

science & society committee

2005 Andrea Barta
 2005 Wendy Bickmore
 2004 Dénes Dudits
 2007 Helena Edlund
 2007 Eric Karsenti
 2002 Roberto Sitia (*Chair*)
 2005 Cláudio Sunkel
 2006 Đurđica Ugarković

auditors (EMBO Members)

Diter von Wettstein
 David J. McConnell

internal auditors (EMBL)

Brian Hamel
 Monika Niehoff

external auditor

(Office of the Auditor General of
 Norway, Oslo, Norway)
 Per Anders Engeseth

fellowship committee

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

publications & electronic information committee

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

young investigator committee

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

EMBO council members 2008

elected term(s) of office	name	country
2005–2007, 2008–2010	Anton Berns (<i>Vice-Chair</i>)	NL–Amsterdam
2008–2010	Maria Blasco	ES–Madrid
2003–2005, 2006–2008	Margaret Buckingham	FR–Paris
2005–2007, 2008–2010	Roberto di Lauro	IT–Naples
2008–2010	Carl-Henrik Heldin	SE–Uppsala
2007–2009	Ari Helenius	CH–Zürich
2004–2006, 2007–2009	Tim Hunt (<i>Chair</i>)	UK–London
2005–2007, 2008–2010	Daniel Louvard	FR–Paris
2006–2008	Marjori Matzke	AT–Vienna
2008–2010	Ferenc Nagy	HU–Szeged
2007–2009	Daniela Rhodes	UK–Cambridge
2006–2008	Benny Shilo	IL–Rehovot
2006–2008	David Shore	CH–Geneva
2004–2006, 2007–2009	Kai Simons	DE–Dresden
2004–2006, 2007–2009	Gunnar von Heijne	SE–Stockholm

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

ex officio/observers

Christiane Nüsslein-Volhard	EMBO Secretary General
Isabella Beretta	EMBC Secretary General
Peter J. Weisbeek	EMBC President
Hermann Bujard	EMBO Executive Director
Iain Mattaj	EMBL Director General
Paul Nurse	Chair, EMBL SAC
Pico Caroni	Chair, EMBO Course Committee
Anthony Pugsley	Chair, EMBO Fellowship Committee
Carl-Henrik Heldin	Interim Chair, EMBO Membership Committee
Eric Westhof	Chair, EMBO Publications & Electronic Information Committee
Wendy Bickmore	Chair, EMBO Science & Society Committee
Michael W. Bevan	Chair, EMBO Young Investigator Committee

EMBO committee members & auditors 2008

course committee

2006 Yehudit Bergman
2003 Pico Caroni (*Chair*)
2007 Isabel Guerrero
2005 Dirk Inzé
2004 Howy Jacobs
2005 Anne Ridley
2005 Philippe Sansonetti
2005 Detlef Weigel
2008 Karen Avraham
2008 William Earnshaw
2008 Christoph Müller

fellowship committee

2005 Robin Allshire
2008 József Burgyán
2008 Manuel Espinosa
2006 Marco Foiani
2008 Caroline Hill
2007 Roland Kanaar
2008 Dimitris Kioussis
2005 Jürgen Knoblich
2008 Sergio Moreno
2008 Staffan Normark
2004 Montserrat Pages
2004 Anthony Pugsley (*Chair*)
2008 Claude-Agnès Reynaud
2006 Yosef Shiloh
2006 Irma Thesleff

fellowship committee (cont.)

2008 Anna Tramontano
2008 Alfonso Valencia
2008 Dale Wigley
2008 David Wilkinson

membership committee

2005 Ueli Aebi
2008 József Burgyán
2006 Brigitte Gicquel
2005 Carl-Henrik Heldin
(*Interim Chair*)
2006 George Kollias
2005 Antonio Malgaroli
2007 Juan Valcárcel
2005 Veronica van Heyningen
2008 Harald Stenmark

publications & electronic information committee

2007 Ruedi Aebersold
2005 Gianni Cesareni
2005 Angela Nieto
2005 Erich Nigg
2006 Stephen Oliver
2005 Václav Pačes
2005 Leena Peltonen
2007 Helen Saibil
2003 Eric Westhof (*Chair*)
2008 Hans Clevers

science & society committee

2005 Andrea Barta
2005 Wendy Bickmore (*Chair*)
2007 Helena Edlund
2008 Amanda Fisher
2007 Eric Karsenti
2008 Valerio Orlando
2006 Đurđica Ugarković

young investigator committee

2005 Michael Bevan (*Chair*)
2005 Thomas Boehm
2007 Manuel Espinosa
2007 Edith Heard
2005 Elisa Izaurralde
2007 Mehmet Öztürk
2007 Titia Sixma
2008 Joel Sussman
2008 Noel Lowndes
2008 Angel Nebreda

auditors (EMBO Members)






Diter von Wettstein
David J. McConnell

internal auditor (EMBL)

Brian Hamel

external auditor

(Office of the Auditor General of
Norway, Oslo, Norway)
Per Anders Engeseth

<p>Reuven Agami</p>		<p>Division of Tumor Biology Netherlands Cancer Institute (NKI) Amsterdam, Netherlands</p>	<p>→ microRNA → RNA interference → cancer → tumour suppressor → checkpoint control</p>
<p>Uri Alon</p>		<p>Dept. of Molecular Cell Biology Weizmann Institute of Science Rehovot, Israel</p>	<p>→ systems biology → transcription networks → signal transduction → biological physics → <i>Escherichia coli</i></p>
<p>Naama Barkai</p>		<p>Dept. of Molecular Genetics Weizmann Institute of Science Rehovot, Israel</p>	<p>→ systems biology → development → bioinformatics → yeast → <i>Drosophila</i></p>
<p>Claudio Bordignon</p>		<p>DIBIT, San Raffaele Scientific Institute Milano, Italy</p>	<p>→ gene therapy → cancer → leukaemias → cell therapy → tumour vascular targeting</p>
<p>Nils Brose</p>		<p>Dept. of Molecular Neurobiology Max Planck Institute for Experimental Medicine Göttingen, Germany</p>	<p>→ nervous system development → synaptogenesis → neurotransmitter release → synaptic plasticity → mouse genetics</p>

members elected in 2007

Antony Carr



MRC Genome Damage and Stability Centre
University of Sussex
East Sussex, United Kingdom

→ checkpoints → replication → recombination
→ genetics → *S. pombe*

Mario de Bono



MRC Laboratory of Molecular Biology
Cambridge, United Kingdom

→ behaviour → *C. elegans* → neural circuits
→ natural variation → neuropeptide signalling

Maria Dominguez



Alicante Institute of Neuroscience
CSIC-UMH
Alicante, Spain

→ Notch signalling → development → organ growth
→ cancer → *Drosophila*

Måns Ehrenberg



Dept. of Cell and Molecular Biology
Uppsala University
Biomedical Centre
Uppsala, Sweden

→ protein synthesis → kinetics → mechanisms
→ regulation

Peter Fraser



Laboratory of Chromatin and Gene Expression
The Babraham Institute
Cambridge, United Kingdom

→ nuclear organisation and dynamics → epigenetics
→ chromatin → transcription → mammals

Steven Gamblin



Division of Molecular Structure
National Institute for Medical Research (NIMR)
London, United Kingdom

→ structural biology → chromatin → energy regulation
→ GTPases → viral surface proteins

Cayetano Gonzalez



Cell and Developmental Biology Programme
Institute for Research in Biomedicine
(IRB Barcelona)
Barcelona, Spain

→ centrosome → spindle → neuroblast → mitosis
→ *Drosophila*

Guido Grandi



Biochemistry and Molecular Biology Unit
Novartis Vaccine and Diagnostics
Siena, Italy

→ proteomics → genomics → infectious diseases
→ vaccines → surface antigens

Ueli Grossniklaus



Institute of Plant Biology
University of Zürich
Zürich, Switzerland

→ development → epigenetics → plant reproduction
→ genomic imprinting → *Arabidopsis*






Nouria Hernandez



Center for Integrative Genomics (CIG)
University of Lausanne
Lausanne, Switzerland

→ RNA polymerase II and III transcription mechanisms
→ small nuclear RNA genes → chromatin
→ transcription activation → transcription repression

members elected in 2007

Douglas R. Higgs		MRC Molecular Haematology Unit Weatherall Institute of Molecular Medicine John Radcliffe Hospital Oxford, United Kingdom	→ transcription → epigenetics → chromatin and remodelling factors → globin genes → thalassaemia
Frank C.P. Holstege		Dept. of Physiological Chemistry University Medical Center (UMC) Utrecht Utrecht, Netherlands	→ transcription → eukaryotes → microarray → ChIP on chip → genomics
Marja Helena Jäättelä		Dept. of Apoptosis Institute of Cancer Biology Danish Cancer Society Copenhagen, Denmark	→ cancer → cell death → autophagy → lysosomes → heat shock proteins
E. Yvonne Jones		Wellcome Trust Centre for Human Genetics The Henry Wellcome Building for Genomic Medicine Oxford, United Kingdom	→ cell surface receptors → X-ray crystallography → structural immunology → signalling complexes → cell guidance cues
Juha Kere		Dept. of Biosciences and Nutrition Karolinska Institute Science Park Huddinge, Sweden	→ complex disorders → susceptibility genes → molecular pathogenesis → immune-mediated diseases → neurodevelopmental disorders

Jane Langdale



Dept. of Plant Sciences
University of Oxford
Oxford, United Kingdom

→ leaves → meristems → chloroplasts
→ non-seed plants → C4 photosynthesis

Thomas Langer



Institute for Genetics
University of Cologne
Cologne, Germany

→ mitochondria → proteases → protein quality control
→ mitochondrial dynamics → neurodegeneration

Bruno Lemaître



Global Health Institute
Swiss Federal Institute of Technology Lausanne
(EPFL)
Lausanne, Switzerland

→ *Drosophila* → innate immunity → genetics
→ pathogenesis → microbial infection

Ottoline Leyser



Dept. of Biology
University of York
York, United Kingdom

→ shoot branching → hormone signalling
→ meristem activity → *Arabidopsis* genetics
→ developmental plasticity

Alfonso Martinez Arias



Dept. of Genetics
University of Cambridge
Cambridge, United Kingdom

→ cell signalling → development → Wnt & Notch
→ signal integration → noise

members elected in 2007

René Medema



Dept. of Medical Oncology
University Medical Center (UMC) Utrecht
Utrecht, Netherlands

→ DNA damage → checkpoints → mitosis
→ spindle → chromosomes

Frauke Melchior



Dept. Biochemistry I
Biochemistry and Molecular Cell Biology
University of Göttingen
Göttingen, Germany

→ SUMO → ubiquitin → E3 ligase → Ran GTPase cycle
→ posttranslational modification

László Nagy



Dept. of Biochemistry and Molecular Biology
Research Center for Molecular Medicine
Medical and Health Science Center
University of Debrecen
Debrecen, Hungary

→ nuclear receptors → immunity → macrophage
→ dendritic cell → PPAR

Bernd Nilius



Laboratory of Ion Channel Research
Dept. of Cellular Biology
Division Physiology
Catholic University (KU) Leuven
Leuven, Belgium

→ ion channels → molecular biophysics
→ calcium → signal transduction
→ molecular medicine & channelopathies

Tom Owen-Hughes



Division of Gene Regulation & Expression
College of Life Sciences
University of Dundee
Dundee, United Kingdom

→ chromatin remodelling → histone modifications
→ epigenetics → nucleosome structure
→ Snf2 proteins

Vassilis Pachnis



Division of Molecular Neurobiology
National Institute for Medical Research (NIMR)
London, United Kingdom

→ mouse → enteric nervous system
→ forebrain cholinergic neurons
→ cortical interneurons → transcription factors

Stefano Piccolo



Dept. of Histology, Microbiology and
Medical Biotechnology
University of Padova
Padova, Italy

→ growth factors → animal models
→ germ layer patterning
→ oncogenes and tumour suppressors
→ proliferation control

Sheena E. Radford



Astbury Centre for Structural Molecular Biology
Institute of Molecular and Cellular Biology
University of Leeds
Leeds, United Kingdom

→ protein folding → biophysics → amyloidosis
→ single molecules → misfolding disorders

Benedita Rocha



Necker Institute
U591 INSERM
Paris, France

→ T cell commitment → T cell differentiation
→ gene expression → single-cell quantitative analysis
→ D type cyclins

Ben J.G. Scheres



Dept. of Biology
Faculty of Sciences
Utrecht University
Utrecht, Netherlands

→ stem cells → chromatin → transcriptional networks
→ cell polarity → cell cycle

members elected in 2007

A. Francis Stewart



Genomics
Biotechnology Centre (BIOTEC)
Dresden University of Technology
Dresden, Germany

→ epigenetics → histone modifications → chromatin
→ genetic engineering → mouse models

Boris Turk



Dept. of Biochemistry and
Molecular and Structural Biology
Josef Stefan Institute
Ljubljana, Slovenia

→ protease signalling → cysteine cathepsins
→ cell death → protein processing & degradation
→ regulation & physiology

Victor Tybulewicz



Division of Immune Cell Biology
National Institute for Medical Research (NIMR)
London, United Kingdom

→ signal transduction → lymphocytes
→ mouse genetics → Down Syndrome

C. Peter Verrijzer



Dept. of Biochemistry
Erasmus University Medical Centre
Rotterdam, Netherlands

→ gene regulation → chromatin → transcription
→ ubiquitin → *Drosophila*

Olivier Voinnet



Institute of Plant Molecular Biology (IBMP)
CNRS
Strasbourg, France

→ RNA silencing → viruses → microRNAs
→ siRNAs → disease

Gabriel Waksman



Institute of Structural Molecular Biology
Birkbeck College
London, United Kingdom

→ bacterial pathogenesis → secretion systems
→ SH2 domains → Klentaq1 DNA polymerase

Magdalena Zernicka-Goetz



Wellcome Trust/Cancer Research UK
Gurdon Institute
University of Cambridge
Cambridge, United Kingdom

→ cell fate → pluripotency → polarity
→ mouse embryo → epigenetics

Jerry M. Adams

(associate member)



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

→ cancer → chromosome translocation
→ transgenic tumour models → apoptosis → Bcl-2

Suzanne Cory

(associate member)



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

→ apoptosis → mouse models → bcl-2 → myc
→ cancer

Charles A. Dinarello

(associate member)



University of Colorado
Health Sciences Center
Denver, United States

→ cytokines → inflammation → immune response
→ macrophages → fever

members elected in 2007

Michael Karin

(associate member)



Dept. of Pharmacology
University of California, San Diego
La Jolla, United States

→ inflammation → innate immunity
→ signal transduction → cancer → stress

John S. Mattick

(associate member)



Institute for Molecular Bioscience
University of Queensland
St. Lucia, Australia

→ RNA regulatory networks → evolution
→ development → genomics → bioinformatics

Pier Paolo Pandolfi

(associate member)



Dept. of Pathology
Beth Israel Deaconess Medical Center
Harvard Medical School
Boston, United States

→ cancer genetics → cancer biology → oncogenes
→ tumour suppressor genes → mouse models

K. VijayRaghavan

(associate member)



National Centre for Biological Sciences
Tata Institute of Fundamental Research
Bangalore, India

→ myogenesis → neurogenesis → behaviour
→ remodelling → regeneration

Carl Wu

(associate member)



Laboratory of Biochemistry and
Molecular Biology
NIH, NCI Center for Cancer Research
Bethesda, United States

→ chromatin → transcription → histone variants
→ centromere → kinetochore

The EMBO Journal and EMBO reports

- | | | | | | |
|----------|---|----------|---|----------|--|
| A | Adriano Aguzzi
Julie Ahringer
Kari Alitalo
Geneviève Almouzni
Frances M. Ashcroft | D | Pietro V. De Camilli
Elisabetta Dejana
Bauke W. Dijkstra
Ivan Dikić
Giulio F. Draetta | J | Richard J. Jackson
Stephen P. Jackson
Reinhard Jahn
Stefan Jentsch
Thomas J. Jentsch
Josef Jiříčný |
| B | Mariano Barbacid
Yves-Alain Barde
David Barford
Jiří Bartek
David C. Baulcombe
Peter Becker
Jean D. Beggs
Anton J. Berns
Michael J. Berridge
Heinrich Betz
Wendy A. Bickmore
Joël Bockaert
August Böck
Johannes L. Bos
Chris Bowler
Erik Boye
Bernd Bukau
Meinrad Busslinger | E | Jean-Marc Egly
Klaus Eichmann
Anne Ephrussi | K | Regine Kahmann
Roland Kanaar
Eric Karsenti
Rolf Kemler
Wilhelm Krek
Robb Krumlauf
Werner Kühlbrandt |
| B | Iain D. Campbell
Gennaro Ciliberto
Christine E. Clayton
Hans Clevers
Pascale Cossart | F | Alain Fischer
Richard A. Flavell | L | Michel Lazdunski |
| | | G | Henrik Garoff
Susan M. Gasser
Ingrid Grummt | M | Bernard Malissen
Christopher J. Marshall
Carlos Martínez-A.
Joan Massagué
Iain W. Mattaj
Marjori A. Matzke
Jacopo Meldolesi
Edwin Milgrom
Dino Moras
Jorge Moscat
Sean Munro |
| | | H | Christian Haass
Alan Hall
Stephen C. Harrison
F. Ulrich Hartl
Ari H. Helenius
Kristian Helin
Michael O. Hengartner
Regine Hengge
Matthias W. Hentze
Nobutaka Hirokawa
Tim Hunt
Tony Hunter
Nancy E. Hynes | N | Michael S. Neuberger
Walter Neupert
Paul Nurse |
| | | I | Philip W. Ingham
Dirk Inzé
Elisa Izaurralde | O | Moshe Oren |

The EMBO Journal and EMBO reports (cont.)

P Peter J. Parker
Tony Pawson
Hugh R.B. Pelham
Nikolaus Pfanner
Jonathon Pines
Olaf Pongs

R Jean-David Rochaix

S Helen R. Saibil
Philippe J. Sansonetti
Bertrand Séraphin
David J. Sherratt
Ben-Zion Shilo
Roberto Sitia
Daniel St. Johnston

T David Tollervey
László Tora
Anna Tramontano
Richard Treisman
Bryan M. Turner

V Gerrit van Meer
Joël Vandekerckhove

W Detlef Weigel
Stephen C. West
Eric Westhof
Dale B. Wigley
Alfred Wittinghofer
Dieter H. Wolf
Hans Wolf-Watz
Richard D. Wood

Y Ada E. Yonath

Z Marino Zerial
Maciej Żylicz

senior advisors

The EMBO Journal
David C. Baulcombe
Ari Helenius
Tim Hunt
Tony Hunter

executive editor

The EMBO Journal
Pernille Rørth

senior editor

EMBO reports
Frank Gannon

Molecular Systems Biology

A Julie Ahringer
Charles Auffray

B Ewan Birney
Thomas L. Blundell

D Thomas Deisboeck

E Jan Ellenberg
Michael Elowitz

F Alan R. Fersht
Stan Fields

G Mark Gerstein

H Frank Holstege
Sung Hou Kim

K Hiroaki Kitano

L Doron Lancet
Andrew J. Link

N Jeremy Nicholson

O Stephen G. Oliver

P Bernhard Palsson

R Rama Ranganathan

S Luis Serrano
Lucy Shapiro
Pam Silver
Michael Snyder

T Janet Thornton
Masaru Tomita

V Marc Vidal

W Hans V. Westerhof
Lothar Willmitzer

Y John Yates

senior editors

Molecular Systems Biology
Ruedi Aebersold
Peer Bork
George Church
Leroy Hood
Edison Liu

	name	nationality	host laboratory	home laboratory	research interest
Austria	Farhan, Hesso	Austrian	Biozentrum, University of Basel, Switzerland	Medical University of Vienna, Austria	Regulation of the early secretory pathway by kinases
	Lackner, Daniel	Austrian	The Salk Institute for Biological Studies, La Jolla, USA	Wellcome Trust Sanger Institute, Cambridge, UK	Regulation of chromosome end protection
	Puhar, Andrea	Austrian	Pasteur Institute, Paris, France	University of Padua, Italy	The role of <i>Shigella</i> T3S-dependent modulation of extracellular ATP release and calcium signalling in neutrophil migration
	Rembold, Martina	Austrian	Institute for Genetics, Cologne, Germany	Institute for Genetics, Cologne, Germany	Adhesion remodelling during gastrulation in <i>Drosophila</i>
	Schoeftner, Stefan	Austrian	CNIO, Madrid, Spain	CNIO, Madrid, Spain	The role of global and telomeric chromatin status during tumourigenesis and stem cell biology
	Stubbs, Janine	Austrian	Institute for Research in Biomedicine, Bellinzona, Switzerland	Institute for Research in Biomedicine, Bellinzona, Switzerland	Analysis of the human antibody response to infection with the malaria parasite <i>Plasmodium falciparum</i>
	Zebisch, Armin	Austrian	The Beatson Institute for Cancer Research, Glasgow, UK	Division of Haematology, Graz, Austria	Functional analysis of signal transduction pathways conferring the effects of oncogenic and non-oncogenic RAF mutations
Belgium	Capoen, Ward	Belgian	John Innes Centre, Norwich, UK	John Innes Centre, Norwich, UK	Identification of secondary messengers involved in Nod factor induced calcium signalling
	Laurent, Patrick	Belgian	Laboratory of Molecular Biology, Cambridge, UK	Free University of Brussels, Belgium	Genetics and cell biology of neuropeptide release
	Vanneste, Steffen	Belgian	Institute of Plant Science, University of Goettingen, Germany	VIB, Ghent, Belgium	Exploring the molecular mechanisms underlying PIN polar targeting and plant cell polarity
Croatia	Boban, Mirta	Croatian	Max F. Perutz Laboratories, Vienna, Austria	Ludwig Institute for Cancer Research, Stockholm, Sweden	The role of nucleoplasmic lamin A/C-LAP2alpha complexes in maintenance of genomic stability and cell-cycle control
	Halic, Mario	Croatian	Harvard Medical School, Boston, USA	University of Munich, Germany	Structural insights into the mechanisms of heterochromatin-associated RNAi
Czech Republic	Hlavackova, Veronika	Czech	Institute of Pharmacology and Toxicology, University of Wuerzburg, Germany	Institute of Molecular Genetics, Czech Academy of Science, Prague, Czech Republic	Determination of agonist-dependent conformational changes and kinetics of dimeric receptor activation

long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Denmark	Lund, Mikael	Danish	Academy of Sciences of the Czech Republic, Prague, Czech Republic	Lund University, Sweden	Ion specific effects in biological systems
Finland	Johansson, Marie	Finnish	MRC, London, UK	National Public Health Institute, Helsinki, Finland	Regulation of cell polarity, adhesion and motility by Dkk1 and its targets
	Karpanen, Terhi	Finnish	Hubrecht Laboratory, Utrecht, Netherlands	University of Helsinki, Finland	Origin and genetic regulation of lymphatic endothelium
France	Bernard, Frederic	French	University of Cambridge, UK	University of Cambridge, UK	Specific cell-response to Notch pathway activation
	Berro, Julien	French	Yale University, New Haven, USA	CEA, Grenoble, France	Theoretical and experimental approaches to study the onset of contractile ring assembly
	Boyault, Cyril	French	Harvard Medical School, Boston, USA	Harvard Medical School, Boston, USA	Comprehensive proteomics analysis of the mammalian circadian clock
	Burguiere, Eric	French	McGovern Institute, Cambridge, USA	College de France – LPPA, Paris, France	Behavioral and electrophysiological analysis of a murine model of Parkinson's disease
	Clery, Antoine	French	Institute of Molecular Biology and Biophysics, Zurich, Switzerland	Institute for Molecular Biology and Biophysics, Zurich, Switzerland	Structure determination by NMR spectroscopy of ASF/SF2 in complex with specific RNA targets and with the inhibitory factor p32
	Clouaire, Thomas	French	Wellcome Trust Centre for Cell Biology, Edinburgh, UK	Wellcome Trust Centre for Cell Biology, Edinburgh, UK	Characterisation of DNA binding specificity and <i>in vivo</i> targeting of the methyl-CpG binding protein MBD1
	Coudreuse, Damien	French	The Rockefeller University, New York, USA	CEA Saclay, Gif-sur-Yvette, France	Regulation and function of the nucleocytoplasmic ratio in the fission yeast <i>Schizosaccharomyces pombe</i>
	Delaval, Katia	French	MRC, London, UK	MRC, London, UK	The role of epigenetic mechanisms in regulating L1 LINE elements in the mammalian genome
	Deleris, Angelique	French	University of California, Los Angeles, USA	CNRS, Strasbourg, France	Control of <i>de novo</i> DNA methylation by DRM2 and DRM3
	Dumont, Julien	French	Ludwig Institute for Cancer Research, La Jolla, USA	Ludwig Institute for Cancer Research, La Jolla, USA	Mechanism of meiotic chromosome segregation in the holocentric nematode <i>C. elegans</i>
	Feillet, Celine	French	University of Fribourg, Switzerland	Institute of integrated cellular neurosciences, Strasbourg, France	Unravelling the food entrainable clock by restoration of function in Per2 mutant mice
Guevorkian, Karine	French	Curie Institute, Paris, France	Curie Institute, Paris, France	Nanotubes from cells grafted on patterned surfaces	

	name	nationality	host laboratory	home laboratory	research interest
France (cont.)	Jaillais, Yvon	French	The Salk Institute for Biological Studies, La Jolla, USA	Laboratory of Plant Reproduction and Development, Lyon, France	Modulation of brassinosteroid signalling by other plant hormones
	Levy, Emmanuel	French	University of Montreal, Canada	MRC, Cambridge, UK	Directed evolution of protein–protein interactions <i>in vivo</i>
	Lo Bianco, Christophe	French	Wallenberg Neuroscience Center, Lund, Sweden	Wallenberg Neuroscience Center, Lund, Sweden	Understanding and modelling risk factors for sporadic Parkinson's disease
	Morgane, Poulain	French	National Institute of Medical Research, London, UK	NIMR, London, UK	The role of Wnt signalling in endodermal organogenesis in zebrafish
	Oury, Frank	French	Columbia University, New York, USA	IGBMC, Illkirch, France	Mediation of leptin regulation of bone mass by serotonin
	Pauleau, Anne-Laure	French	DKFZ, Heidelberg, Germany	DKFZ, Heidelberg, Germany	Influence of oxidants on cell fate determination by use of a GFP-coupled redox sensor
	Ribes, Vanessa	French	NIMR, London, UK	NIMR, London, UK	Signal integration: crosstalk between BMP and Shh signalling pathways and the establishment of cell fate in the vertebrate nervous system
	Richard, Patricia	French	Columbia University, New York, USA	Columbia University, New York, USA	Transcription termination by RNA polymerase II
	Robert, Thomas	French	IFOM-FIRC, Milan, Italy	CEA, Fontenay-aux-Roses, France	Mechanisms controlling activation and inactivation of the DNA damage checkpoint
	Rolhion, Nathalie	French	Center for Molecular Microbiology and Infection, London, UK	Microbiology Laboratory, Clermont-Ferrand, France	Analysis of the involvement of the deubiquitinating activity of SseL in the virulence of <i>Salmonella enterica</i> serovar Typhimurium
	Rougemaille, Mathieu	French	University of California, USA	CNRS, Gif-sur-Yvette, France	Determinants and roles of nucleosome positioning in the establishment and inheritance of gene silencing
	Speder, Pauline	French	Wellcome Trust/Cancer Research UK Gurdon Institute, Cambridge, UK	Institute of Signalling, Developmental Biology & Cancer, Nice, France	Regulation of neural regeneration and cell fate in the central nervous system of <i>Drosophila</i>
	Weill, Laure	French	CRG, Barcelona, Spain	CNRS, Gif-sur-Yvette, France	Role of Dicer and proteins associated in gene silencing

long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Germany	Bange, Tanja	German	Max Planck Institute for Biochemistry, Martinsried, Germany	Max Planck Institute for Biochemistry, Munich, Germany	Screening for new substrates of E3 ligases
	Baumann, Christoph	German	CeMM - Center for Molecular Medicine, Vienna, Austria	Center for Molecular Medicine, Vienna, Austria	Dissecting pathogen recognition complexes of Toll-like receptors: hunting for new co-receptors and ligands
	Beckmann, Karsten	German	Max Planck Institute of Biochemistry, Martinsried, Germany	Max Planck Institute of Biochemistry, Martinsried, Germany	The regulation of fibronectin extracellular matrix and its role in atherogenic signalling
	Betz, Timo	German	Curie Institute, Paris, France	Curie Institute, Paris, France	Actin-membrane interactions in biomimetic and living cellular systems studied by a novel, high precision optical method
	Dettmer, Jan	German	University of Helsinki, Finland	University of Helsinki, Finland	Dissection of hormonal and genetic regulation of <i>Arabidopsis</i> root vascular development
	Dormann (Schmid), Dorothee	German	Adolf Butenandt Institute, Munich, Germany	The Rockefeller University, New York, USA	Cellular mechanisms of protection from mitochondrial dysfunction and neurodegeneration in Parkinson's disease
	Filipp, Fabian Volker	German	University of California, La Jolla, USA	EMBL, Heidelberg, Germany	Structure and drug interactions of Vpu from HIV-1 in membrane environments
	Friedrich, Beate	German	Cancer Research UK London Research Institute, UK	Max Delbrueck Centre, Berlin, Germany	Substrate recognition by ubiquitin conjugating enzymes: the Ubc5-RNAPII interaction
	Guettler, Sebastian	German	Samuel Lunenfeld Research Institute, Toronto, Canada	Cancer Research UK London Research Institute, Lincoln's Inn Fields Laboratories, London, UK	Structural and functional analysis of the Hpo-Mats-Wts tumour suppressor network in humans and flies
	Hanisch, Anja	German	Cancer Research UK London Research Institute, UK	Max Planck Institute for Biochemistry, Munich, Germany	Dynamics of notch signalling and the somite segmentation clock
	Hartlieb, Bettina	German	Unit for Virus Host-Cell Interactions (UVHCI), Grenoble, France	Robert Koch Institute, Berlin, Germany	Structural and functional characterisation of novel CC2D1 complexes regulating endosomal budding processes
	Heeger, Sebastian	German	Cancer Research UK London Research Institute, UK	Cancer Research UK London Research Institute, UK	Cell cycle-regulated chromosome condensation in the budding yeast <i>S. cerevisiae</i>
	Hein, Peter	German	University of California, San Francisco, USA	University of Wuerzburg, Germany	Functional genomic analysis of G protein-coupled receptor trafficking
Hoeller, Daniela	German	Medical University, Innsbruck, Austria	Institute for Biochemistry II, Frankfurt/Main, Germany	Cell-cycle dependent and independent dynamics of p27 modifications	

EMBO | long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Germany (cont.)	Hofer, Sonja	German	University College London, UK	Max Planck Institute of Neurobiology, Martinsried, Germany	Channelrhodopsin-2 assisted manipulation of cortical circuit development
	Hothorn, Michael	German	The Salk Institute for Biological Studies, La Jolla, USA	EMBL, Heidelberg, Germany	Molecular mechanism of dual function protein connecting plant hormone signalling and chloroplast development
	Kepp, Oliver	German	INSERM, Paris, France	Max Planck Institute for Infection Biology, Berlin, Germany	The molecular mechanism of preapoptotic calreticulin exposure
	Kirsten, Bacia	German	University of California, Berkeley, USA	University of Dresden, Germany	Reconstitution and visualisation of transport vesicle budding
	Koelsch, Verena	German	University of California, La Jolla, USA	University of California, San Diego, La Jolla, USA	Analysing the role of the Ras effector TJ1 in controlling chemotaxis in <i>Dictyostelium</i>
	Lange, Adam	German	ETH, Zurich, Switzerland	ETH, Zurich, Switzerland	Structure and dynamics of amyloid fibrils from the prion protein HET-s: a combined solid-state NMR and molecular dynamics simulations study
	Leampe, Janne	German	University of Washington, Seattle, USA	Max Planck Institute for Developmental Biology, Tuebingen, Germany	Robustness and evolvability of complex traits in plants
	Maier, Tobias	German	CRG, Barcelona, Spain	CRG, Barcelona, Spain	The dynamics of protein complexes in <i>Saccharomyces cerevisiae</i> : monitoring and modelling changes in protein complex composition over the cell cycle
	Maile, Tobias	German	Cancer Research UK London Research Institute, UK	Cancer Research UK London Research Institute, UK	Investigation of the role of Yki/YAP in regulation of apoptosis and cell proliferation control
	Mansfeld, Joerg	German	The Wellcome Trust/Cancer Research UK Gurdon Institute, Cambridge, UK	ETH, Zurich, Switzerland	How does the APC/C recognise specific substrates at specific times in mitosis?
	Medenbach, Jan	German	EMBL, Heidelberg, Germany	EMBL, Heidelberg, Germany	Dual-layer translational control: understanding the msl-2 paradigm
	Meissner, Torsten	German	Dana-Farber Cancer Institute, Boston, USA	Dana-Farber Cancer Institute, Boston, USA	Signal processing by the pathogen- recognition receptor NOD2
	Mikeladze-Dvali, Tamara	German	ISREC, Epalinges, Switzerland	New York University, USA	Mechanisms of centrosomal inheritance in the <i>C. elegans</i> germline
	Mittag, Jens	German	Karolinska Institute, Stockholm, Sweden	Max Planck Institute for Experimental Endo- crinology, Hannover, Germany	Analysis of the endocrine metabolic regulation in mice with a dominant negative mutation of the thyroid hormone receptor a1

long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Germany (cont.)	Muller, Patrick	German	Harvard University, Cambridge, USA	Harvard University, Cambridge, USA	Cellular and molecular mechanisms of self-regulation in zebrafish
	Petry, Sabine	German	University of California, San Francisco, USA	MRC, Cambridge, UK	Functional and structural analysis of microtubule nucleation within the mitotic spindle
	Rehwinkel, Jan	German	Cancer Research UK London Research Institute, UK	EMBL, Heidelberg, Germany	Innate recognition of viral RNA by the DEXD/H-box helicase RIG-I and antagonism by the influenza A virus NS1 protein
	Riedel, Christian	German	Harvard University, Boston, USA	Max F. Perutz Laboratories, Vienna, Austria	Molecular mechanisms of longevity control
	Sachse, Carsten	German	MRC, Cambridge, UK	Fritz Lipmann Institute, Jena, Germany	Electron cryo-microscopy of endosomal sorting complexes
	Sandmann, Thomas	German	Temasek Life Sciences Laboratory, Singapore	EMBL, Heidelberg, Germany	A reverse genetics approach to identify and characterise functionally important non-coding RNAs in the fruit fly <i>Drosophila melanogaster</i>
	Sapetschnig, Alexandra	German	Wellcome Trust/Cancer Research UK Gurdon Institute, Cambridge, UK	Institute of Molecular Biology and Tumor Research, Marburg, Germany	Identification of microRNA regulatory transcriptional networks
	Sauer, Michael	German	CNIO, Madrid, Spain	ZMBP, Tuebingen, Germany	Genetic regulation of protein trafficking pathways: the transport of storage proteins in <i>Arabidopsis</i>
	Schubert, Christian	German	EMBL, Heidelberg, Germany	EMBL, Heidelberg, Germany	Identification and characterization of the transport machinery mediating COPI-independent Golgi-to-ER recycling
	Sebastian, Sarah	German	Imperial College London, UK	Imperial College London, UK	The role of calcium-dependent protein kinases (CDPK1 and CDPK5) in <i>Plasmodium</i> life cycle control and their validation as antimalarial drug targets
	Wahle, Tina	German	Laboratory of Neuronal Differentiation, Leuven, Belgium	Laboratory of Molecular Cellbiology, Bonn, Germany	Neuronal protein trafficking during ageing and in neurodegenerative diseases
	Walther, Kirstin	German	Max Planck Institute of Molecular Physiology, Dortmund, Germany	Max Planck Institute of Molecular Physiology, Dortmund, Germany	3D Fluorescence lifetime imaging of MMP activity in the breast tissue microenvironment
	Weyand, Simone	German	Imperial College London, UK	EMBL, Hamburg, Germany	Structural and biochemical studies of NDI-1 of <i>Saccharomyces cerevisiae</i>
Wildner, Hendrik	German	The National Institute for Medical Research, London, UK	Max Delbrueck Center, Berlin, Germany	Analysis how signalling pathways and transcriptional mechanisms interface to regulate differentiation and specification of neural progenitor/stem cells	

	name	nationality	host laboratory	home laboratory	research interest
Greece	Agelopoulos, Marios	Greek	Columbia University Medical Center, New York, USA	Institute of Molecular Biology, Genetics and Biotechnology, Athens, Greece	<i>In vivo</i> chromatin analysis of a developmental gene
	Amoutzias, Grigoris	Greek	VIB, Ghent, Belgium	University of Ghent, Belgium	Reconstruction and evolution of the plant cell-cycle network using heterogeneous data sources
	Papayannopoulos, Venizelos	Greek	Max Planck Institute for Infection Biology, Berlin, Germany	Max Planck Institute for Infection Biology, Berlin, Germany	Identification and characterization of factors regulating the formation of neutrophil extracellular traps
	Trompouki, Eirini	Greek	Children's Hospital, Boston, USA	Biomedical Sciences Research Center, Var Athens, Greece	The role of prostaglandins and Wnt signalling on hemopoietic stem cell renewal
	Typas, Athanasios	Greek	University of California, San Francisco, USA	FU Berlin, Germany	Deciphering the function and organization of the <i>E. coli</i> periplasm and outer-membrane through a quantitative genetic interaction map
	Vrontou, Eleftheria	Greek	University of Oxford, UK	IMP, Vienna, Austria	Excitatory antennal lobe circuits and odor perception in the fly
Hungary	Hillier, Daniel	Hungarian	Friedrich Miescher Institute, Basel, Switzerland	Peter Pazmany Catholic University, Budapest, Hungary	Imaging light evoked activity at different strata of the mammalian retina
	Matyas, Ferenc	Hungarian	EPFL, Lausanne, Switzerland	Institute of Experimental Medicine of the Hungarian Academy of Sciences, Budapest, Hungary	Genetic control of neural circuits and behaviour
Ireland	Gallagher, Ciara	Irish	University of California, San Francisco, USA	IMBA, Vienna, Austria	Intracellular communication deciphering a novel signalling pathway between the endoplasmic reticulum and the nucleus
Israel	Cinnamon, Einat	Israeli	MRC, London, UK	Hadassah Medical School, The Hebrew University, Jerusalem, Israel	Identifying metabolic signals from oenocytes-to-fat body in <i>Drosophila</i>
	Diskin, Ron	Israeli	California Institute of Technology, Pasadena, USA	The Hebrew University of Jerusalem, Israel	Revealing the atomic structure of HIV envelope proteins in complex with neutralizing antibodies
	Elkon, Ran	Israeli	The Netherlands Cancer Institute, Amsterdam, Netherlands	Tel Aviv University, Israel	Bioinformatic delineation of microRNA regulatory networks

long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Israel (cont.)	Fainaru, Ofer	Israeli	Children's Hospital, Boston, USA	Harvard Medical School, Boston, USA	Elucidating the role of dendritic cells in angiogenesis using an endometriosis mouse model
	Israelson, Adrian	Israeli	University of California, La Jolla, USA	Ben Gurion University, Beer Sheva, Israel	Mitochondrial dysfunction, apoptosis and calcium signalling in ALS
	Katz, Menachem	Israeli	The Rockefeller University, New York, USA	The Rockefeller University, New York, USA	Roles of <i>C. elegans</i> glia in the control of synaptic function
	Papo, Niv	Israeli	Stanford University, USA	The Weizmann Institute of Science, Rehovot, Israel	Dissect the roles of autophagy and the UPS in the selective degradation of protein aggregates
	Plachta, Nicolas	Israeli	California Insitute of Technology, Pasadena, USA	California Institute of Technology, Pasadena, USA	Defining lineage relationships between pluripotent stem cells and the cells of the early mammalian embryo
	Ruthstein, Sharon	Israeli	University of Pittsburgh, USA	The Weizmann Institute of Science, Rehovot, Israel	Measurement of the functional dynamics of the glycine receptor by EPR spectroscopy
	Schneidman, Dina	Israeli	IBBMC, Paris, France	Tel Aviv University, Israel	Characterisation and prediction of protein flexibility with applications to docking
	Shaul, Yoav	Israeli	Whitehead Institute for Biomedical Research, Cambridge, USA	The Weizmann Institute of Science, Rehovot, Israel	Identifying molecular targets that participate in the DNA damage response machinery
	Volohonsky, Gloria	Israeli	IGBMC, Illkirch, France	IGBMC, Illkirch, France	Mechanisms of glial chain cell migration
	Yizhar, Ofer	Israeli	Stanford University, USA	Tel Aviv University, Israel	A circuit-based approach to studying the neural basis of cognitive dysfunction in schizophrenia
Italy	Bianco, Ambra	Italian	MRC, Cambridge, UK	EMBL, Heidelberg, Germany	Mechanisms of asymmetric mRNA localisation in neurons
	Ciccia, Alberto	Italian	Brigham and Womens Hospital, Boston, USA	Cancer Research UK London Research Institute, Potters Bar, UK	Identification of substrates of the BRCA1/BARD1 ubiquitin ligase
	De Simone, Alfonso	Italian	University of Cambridge, UK	University of Padua, Italy	Mechanisms of amyloid formation under native conditions
	Fiegna, Francesca	Italian	Institute for Structural Biology and Microbiology, Marseille, France	Max Planck Institute for Developmental Biology, Tuebingen, Germany	Molecular mechanism of bacterial gliding motility
	Gorrini, Chiara	Italian	The Campbell Family Institute for Breast Cancer Research, Toronto, Canada	IFOM-IEO, Milan, Italy	Regulation of PTEN and DJ-1 upon cancer metabolic changes

	name	nationality	host laboratory	home laboratory	research interest
Italy (cont.)	Mauceri, Daniela	Italian	University of Heidelberg, Germany	University of Heidelberg, Germany	Analysis of the role of transcription factor FOXO in activity- and transcription-dependent neuronal survival
	Mercanti, Valentina	Italian	Curie Institute, Paris, France	University of Geneva Medical Centre, Switzerland	A new assay to dissect the secretory pathway in higher eukaryotes
	Piazzolla, Daniela	Italian	CNIO, Madrid, Spain	CNIO, Madrid, Spain	Oncogenic potential of the stemness gene Nanog in mice and cells
	Rao, Francesco	Italian	Louis Pasteur University, Strasbourg, France	Louis Pasteur University, Strasbourg, France	Dynamics in enzyme catalysis and allosteric control
	Scrima, Andrea	Italian	Friedrich Miescher Institute, Basel, Switzerland	Max Planck Institute of Molecular Physiology, Dortmund, Germany	Molecular basis of the defence against skin cancer: structural studies of UV-DDB complexes
	Verga Falzacappa, Maria Vittoria	Italian	Harvard Medical School, Boston, USA	University of Heidelberg, Germany	Iron homeostasis in a 3-dimensional model of breast cancer
	Villa, Fabrizio	Italian	European Institute of Oncology, Milan, Italy	European Institute of Oncology, Milan, Italy	Structural and functional characterisation of the chromosome passenger complex
	Villa, Raffaella	Italian	Adolf Butenandt Institute, Munich, Germany	CRG, Barcelona, Spain	An unbiased approach to characterise dosage compensated chromatin
The Netherlands	Engel, Maarten F.M.	Dutch	University of Leeds, UK	Utrecht University, Netherlands	Oligomer formation of human islet amyloid polypeptide (IAPP) studied at the single-molecule level
	Geertsma, Eric	Dutch	University of Zurich, Switzerland	University of Groningen, Netherlands	Molecular basis of chloride transport
	Huisman, Stephen	Dutch	EMBL, Heidelberg, Germany	EMBL, Heidelberg, Germany	<i>In vitro</i> reconstitution of the <i>S. pombe</i> interphase microtubule cytoskeleton
	Luijsterburg, Martijn	Dutch	Karolinska Institute, Stockholm, Sweden	University of Amsterdam, Netherlands	Dynamic ubiquitin pools regulate mammalian gene expression
	Schepers, Hein	Dutch	University of Oxford, UK	Lund University, Sweden	Molecular delineation of novel lineage commitment pathways in haematopoietic development
	Smits, Wiep Klaas	Dutch	Massachusetts Institute of Technology, Cambridge, USA	Massachusetts Institute of Technology, Cambridge, USA	Hierarchy in the assembly of the <i>Bacillus subtilis</i> replisome <i>in vivo</i>
	Tiecke, Eva	Dutch	University of Basel, Switzerland	University of Basel, Switzerland	Integration of signal-antagonist interactions: analysis of the self-regulatory feedback between BMP4, its antagonist Gremlin1 and SMAD4 functions during mouse limb development

long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
The Netherlands (cont.)	van Amerongen, Renee	Dutch	Stanford University, USA	Netherlands Cancer Institute, Amsterdam, Netherlands	Dissecting the mammalian non-canonical Wnt-pathway
	van der Zee, Maurijn	Dutch	Institute of Biology Leiden, Netherlands	Institute for Genetics, Cologne, Germany	<i>Tribolium</i> candidate genes for insect wing development and ancestral bilaterian developmental mechanisms
	van Zon, Jeroen	Dutch	Massachusetts Institute of Technology, Cambridge, USA	Imperial College London, UK	Molecular noise and variability in the yeast high osmolarity signalling pathway
	Wierda, Keimpe	Dutch	Max Planck Institute for Biophysical Chemistry, Goettingen, Germany	CNCR, Amsterdam, Netherlands	Analysing heterogeneity in release of synaptic vesicles
Norway	Granseth, Erik	Norwegian	Institute for Bioinformatics, Munich, Germany	Stockholm Bioinformatics Center, Sweden	Disassembling the sequence–structure–function relationship of membrane proteins
Poland	Krol, Jacek	Polish	Friedrich Miescher Institute, Basel, Switzerland	Friedrich Miescher Institute, Basel, Switzerland	Analysis of miRNA function in mouse retina development
	Kudla, Grzegorz	Polish	University of Edinburgh, UK	Harvard University, Cambridge, USA	Coding sequence determinants of gene expression
	Paciorek, Marta	Polish	Stanford University, USA	Stanford University, USA	Identification of new signalling components of entry into stomata lineage in <i>Arabidopsis thaliana</i>
Portugal	Ferreira, Helder	Portuguese	Friedrich Miescher Institute, Basel, Switzerland	Friedrich Miescher Institute, Basel, Switzerland	Regulating nuclear organisation in telomere maintenance and DNA repair: the role of SUMO modification
	Ferreiro Santos, Alexandre	Portuguese	Max Planck Institute of Neurobiology, Martinsried, Germany	Max Planck Institute of Neurobiology, Martinsried, Germany	Development of local anatomical plasticity during experience-driven visual cortex maturation
	Fonseca, Rosalina Maria	Portuguese	Gulbenkian Institute of Science, Oeiras, Portugal	Gulbenkian Institute of Science, Oeiras, Portugal	Cellular mechanisms of heterosynaptic plasticity in the lateral nucleus of the amygdala
	Freitas, Renata	Portuguese	CABD, Seville, Spain	CABD, Seville, Spain	The origin of evolutionary novelties: implications of HoxD gene regulation in the origin of tetrapod limbs
	Jaco, Isabel	Portuguese	The Institute for Cancer Research, London, UK	CNIO, Madrid, Spain	Synthetic lethality approaches to BRCA-associated cancer

	name	nationality	host laboratory	home laboratory	research interest
Portugal (cont.)	Jeronimo, Celia	Portuguese	CRG, Barcelona, Spain	University of Montreal, Canada	Functional characterisation of monoubiquitylated H2A interactors and their role in leukaemia
	Martins, Rui	Portuguese	The Wellcome Trust/Cancer Research UK Gurdon Institute, Cambridge, UK	Wayne State University School of Medicine, Detroit, USA	Chromatin organisation and early cell fate decisions in the pre-implantation mouse embryo
	Rebola, Nelson	Portuguese	CNRS, Bordeaux, France	Center for Neuroscience and Cell Biology of Coimbra, Portugal	A new form of synaptic plasticity: molecular and cellular mechanisms involved in a selective long-term potentiation of NMDA receptors
	Santos, Claudio	Portuguese	Cancer Research UK London Research Institute, UK	Cancer Research UK London Research Institute, UK	The role of glucose metabolism and lipid biosynthesis in Akt-mediated tumourigenesis
	Santos, Silvia	Portuguese	Stanford University, School of Medicine, USA	EMBL, Heidelberg, Germany	Investigating temporal independence of mitotic events in systems known to be bistable
Slovenia	Erjavec, Nika	Slovenian	College of Physicians and Surgeons, Columbia University, New York, USA		Cell polarity and the inheritance of protein damage
Spain	Bernad, Rafael	Spanish	CNIO, Madrid, Spain	CNIO, Madrid, Spain	Molecular mechanisms of chromosome segregation: regulation of CENP-A at the centromere
	Canto, Carlos	Spanish	IGBMC, Lausanne, France	IGBMC, Illkirch, France	How does AMP-activated kinase transcriptionally regulate energy expenditure?
	Carracedo, Arkaitz	Spanish	Beth Israel Deaconess Medical Center, Boston, USA	Beth Israel Deaconess Medical Center, Boston, USA	Role of the tumour suppressor PML in the activation of autophagy
	Dominguez-Cuevas, Patricia	Spanish	Institute for Cell and Molecular Biosciences, Newcastle, UK	CSIC, Granada, Spain	Discovery and characterisation of factors coupling the cytoskeleton to cell wall biogenesis in <i>Bacillus subtilis</i>
	F. Boj, Sylvia	Spanish	Hubrecht Laboratory, Utrecht, Netherlands	Hubrecht Institute, Utrecht, Netherlands	Analysis of the function of Tcf4 (Tcf712) during mouse pancreatic development and in adult pancreatic cells
	G. Granja, Aitor	Spanish	Cancer Research UK London Research Institute, UK	Centre of Molecular Biology, Madrid, Spain	Analysis of the molecular mechanism of antigen presentation to B cells mediated by macrophages in lymphoid organs

long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Spain (cont.)	Ortega Martinez, Olga	Spanish	Kristineberg Marine Research Station, Fiskebaeckskil, Sweden	Kristineberg Marine Research Station, Fiskebaeckskil, Sweden	Role of the transforming growth factor-beta genes, <i>afuni</i> and <i>BMP2/4</i> in the regulation of <i>Amphiura filiformis</i> adult arm regeneration
	Riol, Lorena	Spanish	Brigham and Womens Hospital, Boston, USA	Spanish National Research Council, Centre of Biological Research, Madrid, Spain	Generation and trafficking behaviour of myelin oligodendrocyte glycoprotein specific regulatory and TH17 T cells in experimental autoimmune encephalomyelitis
Sweden	Andersson, Olov	Swedish	University of California, San Francisco, USA	Karolinska Institute, Stockholm, Sweden	Examination of attraction, guidance and deployment of pancreatic endocrine cells
	Evergren, Emma	Swedish	MRC, Cambridge, UK	Karolinska Institute, Stockholm, Sweden	Molecular mechanisms of trans-endocytosis
	Fagman, Henrik	Swedish	Biogem s.c.ar.l., Ariano Irpino, Italy	Goteborg University, Sweden	Molecular regulation of thyroid development identification of candidate genes for congenital hypothyroidism with global transcriptome analysis
	Hessa, Tara	Swedish	National Institutes of Health, Bethesda, USA	Dept. of Biochemistry and Biophysics, Stockholm, Sweden	Identification of the degradation machinery of the pQC pathway
	Hoog, Johanna	Swedish	Oxford University, UK	EMBL, Heidelberg, Germany	The microtubule cytoskeleton of the African trypanosome (<i>Trypanosoma brucei</i>)
	Jakobsson, Lars	Swedish	Cancer Research UK London Research Institute, UK	Uppsala University, Sweden	Cellular competition and complementation in vascular development
	Kugelberg, Elisabeth	Swedish	Imperial College London, UK	University of California, Davis, USA	The role of human complement factor H in meningococcal infection
	Thoron, Fredrik	Swedish	Giannina Gaslini Institute, Genova, Italy	Goteborg University, Sweden	Innate immunity crosstalk in immunoregulation
	Walfridsson, Julian	Swedish	Biotech Research and Innovation Centre (BRIC), Copenhagen, Denmark	Karolinska Institute, Huddinge, Sweden	The biological function of the H3K27me3 demethylase UTX
Switzerland	Kueng, Stephanie	Swiss	Friedrich Miescher Institute, Basel, Switzerland	Friedrich Miescher Institute, Basel, Switzerland	An <i>in vitro</i> system to study the establishment of heterochromatic gene silencing during S phase
	Mosimann, Christian	Swiss	Children's Hospital Boston, USA	Institute of Molecular Biology, Zurich, Switzerland	Identification and characterisation of genetic modifiers involved in hematopoietic stem cell competition in zebrafish
	Seeger, Markus	Swiss	Department of Pharmacology, Cambridge, UK	Department of Pharmacology, Cambridge, UK	Inhibition and characterisation of multidrug ABC transporters expressed in <i>Lactococcus</i> <i>lactis</i> by designed ankyrin repeat proteins

	name	nationality	host laboratory	home laboratory	research interest
Switzerland (cont.)	Spiegel, Ivo	Swiss	Harvard Medical School, Boston, USA	The Weizmann Institute of Science, Rehovot, Israel	Activity-dependent suppression of excitatory synapse number by ubiquitination
	Stirnemann, Christian Urs	Swiss	EMBL, Heidelberg, Germany	University of Zurich, Switzerland	Crystallographic and biochemical studies of the human TBX5-Nkx2-5-DNA complex
	Zuber, Benoit	Swiss	MRC, Cambridge, UK	University of Lausanne, Switzerland	Application and improvement of tomography of vitreous sections
United Kingdom	Baldwin, Andrew	British	University of Toronto, Canada	University of Cambridge, UK	Seeing the invisible: NMR studies of functional biomolecular dynamics
	Bond, Peter	British	Max Planck Institute of Biophysics, Frankfurt, Germany	Structural Bioinformatics & Computational Biochemistry Unit, Oxford, UK	Multi-scale simulation studies of conformational plasticity in modular immunological enzymes
	Croft, Martin	British	University of Geneva, Switzerland	University of Cambridge, UK	Biochemistry and molecular biology of a <i>Chlamydomonas reinhardtii</i> thiamine pyrophosphate riboswitch
	Farrow, Karl	British	Friedrich Miescher Institute, Basel, Switzerland	Harvard Medical School, Boston, USA	Dissecting the role of genetically identified strata in the inner plexiform layer of the retina
	Gill, David	British	Institute of Molecular and Cell Biology, Singapore	MRC, Cambridge, UK	Understanding the biogenesis of secretory granules: identification of key genes using a high-throughput RNAi screen
	Hammond, Christina	British	Hubrecht Laboratory, Utrecht, Netherlands	Royal Veterinary College, London, UK	Osteogenesis in development and disease
	Holland, Andrew	British	University of California, La Jolla, USA	University of Manchester, UK	Exploring and exploiting the role of aneuploidy as an inhibitor of tumourigenesis
	Parker, Joseph	British	Columbia University, New York, USA	Columbia University, New York, USA	Understanding allometry: organ intrinsic positional information and the nutrient- dependent regulation of growth
	Wright, Jane	British	Friedrich Miescher Institute, Basel, Switzerland	Friedrich Miescher Institute, Basel, Switzerland	Elucidating the mechanism of translational regulation by ATX-2: the <i>C. elegans</i> ortholog of the human ataxin-2 protein implicated in human neurodegenerative disease
Yates, James	British	ITQB, Oeiras, Portugal	ITQB, Oeiras, Portugal	Recognition of bacterial peptidoglycan by the innate immune system	
Turkey	Aksoy, Ezra	Turkish	University of London, UK	Institute of Cancer, London, UK	PI3K in immunity and cancer

long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Turkey (cont.)	Demir, Ebru	Turkish	Cold Spring Harbor Laboratories, USA	Cold Spring Harbor Laboratory, USA	Electrophysiological investigations of associative olfactory learning in <i>Drosophila</i>
other nationalities	Fish, Jennifer	American	King's College London, UK	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Modularity in craniofacial development and evolution
	King, Carolyn	American	University Hospital Basel, Switzerland	Abramson Family Cancer Research Institute, Philadelphia, USA	Defining the affinity requirements for CD4 ⁺ CD25 ⁺ regulatory T cell development
	McDonel, Patrick	American	University of Edinburgh, UK	University of California, Berkeley, USA	Understanding the roles of mSin3 HDAC co-repressor complexes in ES cells and early mammalian development
	Mercer, Jason	American	Swiss Federal Institute of Technology Zurich, Switzerland	ETH, Zurich, Switzerland	Investigations into the cellular mechanisms of vaccinia virus entry
	Merrin, Jack	American	CNRS, Saint Martin d'Herès, France	Rockefeller University, New York, USA	Robustness of a microscale reconstituted circadian network to the relative and overall number of components
	Sherer, Nathan	American	King's College London, UK	King's College London School of Medicine, UK	Mechanism of HIV-1 genome trafficking to assembly sites
	Cook, Peter	Australian	Oxford University, UK	The University of Queensland, Brisbane, Australia	RNAi knockdown of sex determining genes in <i>Culex quinquefasciatus</i>
	Dakic, Aleksandar	Australian	IMP, Vienna, Austria	The Walter and Eliza Hall Institute of Medical Research, Parkville, Australia	The role of Ikaros in establishing regulatory networks for lymphocyte development
	Ellisdon, Andrew	Australian	MRC, Cambridge, UK	Monash University, Clayton, Australia	Structural and biophysical mechanism of microRNA nuclear export
	Quinlan, Kate	Australian	Cambridge Institute for Medical Research, Cambridge, UK	The Children's Hospital at Westmead, Sydney, Australia	Mechanisms of growth factor signalling in pluripotency and differentiation of human embryonic stem cells
	Smith, Lisa	Australian	Max Planck Institute for Developmental Biology, Tuebingen, Germany	Max Planck Institute for Developmental Biology, Tuebingen, Germany	Analysis of <i>Arabidopsis</i> hybrid incompatibilities
	Steel, Bradley	Australian	University of Oxford, UK	The University of Sydney, Australia	Single molecule studies on yeast wildtype and mutant F1

	name	nationality	host laboratory	home laboratory	research interest
other nationalities (cont.)	Roumenina, Lubka	Bulgarian	Cordeliers Biomedical Research Center, Paris, France	University of Sofia, Bulgaria	The functional significance of factor H mutations in patients with atypical haemolytic uraemic syndrome
	Ho, Andrew Tri Van	Canadian	INSERM, Paris, France	INSERM, Paris, France	Functional interactions between neural crest and myogenic progenitor cells
	Palma, Kristoffer	Canadian	University of Copenhagen, Copenhagen, Denmark	University of British Columbia, Vancouver, Canada	Autophagic cell death conserved across eukaryotic kingdoms and its role in cancer
	Pedrioli, Deena Leslie	Canadian	ETH, Zurich, Switzerland	ETH, Zurich, Switzerland	Defining functional roles for miRNAs in the lymphatic vascular system
	Suits, Michael	Canadian	Structural Biology Laboratory, York, UK	Queen's University, Kingston, Canada	Structural enzymology of carbohydrate-active enzymes in pathogenesis and disease
	Zhang, Yanping	Chinese	University College London, UK	Friedrich Miescher Institute, Basel, Switzerland	Defining the role of specific interneurons in network function using optical activation
	Mora-Bermudez, Felipe	Costa Rican	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	EMBL, Heidelberg, Germany	The role of the distribution of polarised components during cytokinesis in the generation of neurons during mammalian neurogenesis
	Bhaskara, Venugopal	Indian	IMP, Vienna, Austria	University of Texas, Austin, USA	Identification of the role for Wapl and Pds5 proteins in cohesin-DNA interactions
	Bhushan, Shashi	Indian	University of Munich, Germany	Stockholm University, Sweden	Molecular investigations of the role of chaperones in co-translational protein folding in eukaryotes
	Chatterjee, Saibal	Indian	Friedrich Miescher Institute, Basel, Switzerland	Friedrich Miescher Institute, Basel, Switzerland	Elucidation of a microRNA turnover machinery in <i>C. elegans</i>
	Dhonukshe, Pankaj	Indian	Utrecht University, Netherlands	Center for Plant Molecular Biology (ZMBP), Tuebingen, Germany	Cell Polarity in plants: resolving important links between vesicle trafficking and cell fate-determining transcription factors
	Pobbati, Ajaybabu	Indian	MRC, Cambridge, UK	MRC, Cambridge, UK	Membrane dynamics mediated by ESCRT complexes
	Fujii (Nishiyama), Tomoko	Japanese	IMP, Vienna, Austria	Tokyo Institute of Technology, Yokohama, Japan	Analysis of the roles of Sororin, Esco2, and San in the establishment of sister chromatid cohesion in vertebrates
Kitagawa, Daiju	Japanese	ISREC, Epalinges, Switzerland	ISREC, Epalinges, Switzerland	SAS-6 and the mechanisms of centrosome duplication: from <i>C. elegans</i> embryos to human cells	
Kodama, Eiji	Japanese	MRC, Cambridge, UK	Nagoya University, Japan	How distributed neural circuits integrate information	

long-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
other nationalities (cont.)	Tanizawa, Yoshinori	Japanese	MRC, Cambridge, UK	MRC, Cambridge, UK	Dissecting dynamic monoaminergic nervous system in <i>C. elegans</i> with genetically-encoded neuron activator channel-rhodopsin-2
	Rakotondrafara, Aurelie	Malagasy	EMBL, Heidelberg, Germany	Iowa State University, Ames, USA	Mechanism of c-myc mRNA translation involving functional IRES/poly(A) tail interactions
	Cisneros Armas, David	Mexican	Pasteur Institute, Paris, France	University of Dresden, Germany	Structure and assembly mechanism of the pseudopilus of gram negative bacteria type II secretion system
	Kalinina, Olga	Russian	EMBL, Heidelberg, Germany	Moscow State University, Russian Federation	Predicting and designing protein–ligand interfaces
	Moukhametzianov, Rouslan	Russian	MRC, Cambridge, UK	MRC, Cambridge, UK	Microcrystallography of stabilised adrenergic receptors
	Kim, Young-Joon	South Korean	IMP, Vienna, Austria	University of California, Riverside, USA	Peptidergic signalling in <i>Drosophila</i> courtship behavior

applications and awards 2000–2007

country from	applications	% of total	awards	% of total	success rate %
Austria	107	1.32	32	2.22	30
Belgium	139	1.71	26	1.81	19
Croatia	39	0.48	11	0.76	28
Czech Republic	78	0.96	14	0.97	18
Denmark	72	0.89	17	1.18	24
Estonia*	1	0.01	0	0.00	0
Finland	98	1.21	16	1.11	16
France	1640	20.21	283	19.67	17
Germany	908	11.19	224	15.57	25
Greece	175	2.16	41	2.85	23
Hungary	106	1.31	20	1.39	19
Iceland	14	0.17	2	0.14	14
Ireland	79	0.97	11	0.76	14
Israel	395	4.87	73	5.07	19
Italy	519	6.40	77	5.35	15
Luxembourg**	0	0.00	0	0.00	0
The Netherlands	285	3.51	72	5.00	25
Norway	15	0.18	2	0.14	13
Poland	117	1.44	15	1.04	13
Portugal	136	1.68	38	2.64	28
Slovak Republic**	0	0.00	0	0.00	0
Slovenia	18	0.22	1	0.07	6
Spain	955	11.77	121	8.41	13
Sweden	355	4.37	48	3.34	14
Switzerland	134	1.65	41	2.85	31
Turkey	54	0.67	5	0.35	9
United Kingdom	420	5.18	54	3.75	13
Eastern Europe	194	2.39	18	1.25	9
USA/Canada	334	4.12	68	4.73	20
Others	728	8.97	109	7.57	15
Total	8115	100	1439	100	18

* Estonia joined the EMBC in 2006

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

applications and awards 1977–2007

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

EMBO | long-term fellowships 2007: geographical distribution

applications	Nationality																				Total										
Destination	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					1	6		1								1			1							10	21	
Belgium		1						6	1	2					1	1							3	2				3	3	23	
Croatia			1																											1	
Czech Republic				1																									1	2	
Denmark		1			1		2	2															2	4			1	2	1	16	
Estonia*																														0	
Finland								2	2																				1	5	
France	1	2	1					12	13		3			4	5				1	3			13	1	2		2	6	12	20	101
Germany	3	5	2	2			1	9	11	4	3		1	3	5		5	1	2	2			8	3		1	5	2	6	19	103
Greece										5													1				1			1	8
Hungary															1															1	
Iceland																														0	
Ireland		1							4															1					1	7	
Israel	1	1							2					1					2									2	1	10	
Italy							3		1						5				2				7	3					11	32	
Luxembourg**																														0	
Netherlands							3	4	2	1	1		1	1	1		2						4			1	6		1	8	36
Norway					1			3		1										1				1						7	
Poland																			2											2	
Portugal								2							1						4		1				4		1	13	
Slovak Republic**																														0	
Slovenia			1																											1	
Spain	1	1						12	3	3			1	1	10		2			2			6				1	2	3	14	62
Sweden	1			1	1		1	8	7	1			1		2		1					13				4	4	3	6	54	
Switzerland	2	1		2				15	9		2				5		4		5	2			2		3	5	1	10	13	81	
Turkey																														0	
UK	3	7	1	2	1		1	35	32	1	3			8	11		11	1	6	12			54	10	6	3	3	4	10	38	263
EMBL								4	3		1						1						3		1	1	1		4	20	
Eastern Europe																														0	
USA/Canada	6	5	2	1	1		2	95	52	8	4		4	56	30		13		7	3		2	38	24	8	4	23	1	1	2	392
Others	1						1	7	4		1						2			1			2	1		6		1		27	
Total	19	25	9	8	5	1	11	220	151	26	20	0	8	74	77	0	42	2	29	29	0	2	158	50	20	10	61	22	55	154	1288

*Estonia joined the EMBC in 2006 **Luxembourg and the Slovak Republic joined the EMBC in 2007

long-term fellowships 2007: geographical distribution

awards	Nationality																				Total										
	Destination	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
Austria			1						2																					4	7
Belgium									1	1																				2	
Croatia																														0	
Czech Republic					1																									1	
Denmark																								1				1		2	
Estonia*																														0	
Finland									1																					1	
France	1							1	3					2	3					1			1				1	2	1	16	
Germany	1	1		1				1	4	1					2		1	1		1							1		3	18	
Greece																														0	
Hungary																														0	
Iceland																														0	
Ireland																														0	
Israel																														0	
Italy							1								1										2					4	
Luxembourg**																														0	
Netherlands						1								1			1						1				1		1	6	
Norway																														0	
Poland																														0	
Portugal																			1								1			2	
Slovak Republic**																														0	
Slovenia																														0	
Spain	1							1	2						1								2		1					8	
Sweden								1	1								1						1							4	
Switzerland	2							2	2		2				1	2			1	1					1	3	3	2	22		
Turkey																														0	
UK	1	2					1	7	12	1				1	2			2		1	3			2	4	2	1	1	4	8	55
EMBL									2								1								1			1	1	6	
Eastern Europe																														0	
USA/Canada	1		1					11	11	3			1	9	3		3		1	1			1	2	2	2	1	3		56	
Others									1																		1			2	
Total	7	3	2	1	1	0	2	25	42	6	2	0	1	13	13	0	11	1	4	9	0	1	8	9	6	2	10	3	10	20	212

*Estonia joined the EMBC in 2006 **Luxembourg and the Slovak Republic joined the EMBC in 2007

	name	nationality	host laboratory	home laboratory	research interest
Austria	Wendler, Franz	Austrian	University Medical Center Utrecht (UMCU), The Netherlands	National Institute of Medical Research, London, UK	Subcellular localisation studies of Wingless using electronmicroscopy
Belgium	Lesage, Bart	Belgian	Biomedicine Institute Valencia (CSIC), Spain	Catholic University of Leuven, Belgium	Deciphering the physiological role of the most ancient protein phosphatase-1 holoenzyme
	Pertry, Ine	Belgian	Palacky University, Olomouc, Czech Republic	University of Ghent, Belgium	How <i>Rhodococcus fascians</i> reshapes the plant: identification of fas molecules
Croatia	Benjak, Andrej	Croatian	IBMB-CSIC, Barcelona, Spain	University of Natural Resources and Applied Life Sciences, Vienna, Austria	Analysis of DNA transposons and MITES in grapevine (<i>Vitis vinifera</i>)
	Terzic, Janos	Croatian	University of California, San Diego, USA	University of Split, Croatia	Role of interleukin-6 in inflammation associated colon cancerogenesis
Czech Republic	Jesenska, Andrea	Czech	Emory University, Atlanta, USA	Masaryk University, Brno – Bohunice, Czech Republic	Improvement the catalytic properties of haloalkane dehalogenases by homology-independent techniques of directed evolution
	Snyrychová, Iva	Czech	Institute of Plant Biology, Szeged, Hungary	Palacky University, Olomouc, Czech Republic	Comparison of methods used for hydrogen peroxide detection in photosynthetic tissues
	Solc, Petr	Czech	EMBL, Heidelberg, Germany	Institute of Animal Physiology and Genetics, Libechov, Czech Republic	CDC25A and CDC25B dynamics during meiotic maturation in mouse oocytes
Denmark	Albrektsen, Anita	Danish	University of Dundee, UK	Aarhus University, Denmark	Detailed morphology studies and antibody staining of ineffective root nodules
Estonia	Tark, Mariliis	Estonian	Leiden Institute of Chemistry, The Netherlands	University of Tartu, Estonia	<i>In vitro</i> characterisation of nucleotide excision repair in <i>Pseudomonas putida</i>
Finland	Pulkki, Minna	Finnish	Leiden University Medical Center, The Netherlands	University of Helsinki, Finland	Identification of the receptors of human oocyte growth factors
France	Bourlat, Sarah	French	Kristineberg Marine Research Station, Fiskebäckskil, Sweden	University College London, UK	Embryology of the marine worm <i>Xenoturbella bocki</i>

short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
France (cont.)	Brisson, Yoann	French	Laboratory of Biophysical Chemistry, Groningen, The Netherlands	National Institute of Applied Sciences, Toulouse, France	Crystallography of GBD-CD2, an unique alpha-1,2 branching enzyme
	Chambon, Jean-Philippe	French	University College London, UK	CNRS/UPMC UMR7009, Villefranche-sur-Mer, France	Shugoshin and Capfer function in mouse oocyte
	Lacroix, Benjamin	French	EMBL, Heidelberg, Germany	CNRS-CRBM, Montpellier, France	The influence of microtubule polyglutamylation on interactions with molecular motors
	Lassaux, Patricia	French	IBS/LCCP, Grenoble, France	University of Liege, Belgium	Selection and characterisation of new inhibitors of the metallo-beta-lactamase family
	Marandel, Grégoire	French	Clemson University, USA	INRA Bordeaux, Villenave d'Ornon, France	Building the genetic map of the F1 apricot progeny 'Harlayne' x 'Marlen' for resistance to sharka disease
	Michard, Erwan	French	University of Salzburg, Austria	I.G.C., Oeiras, Portugal	Physiological role of glutamate-receptors on the plasma membrane of the growing pollen tube: electrophysiological analysis by patch-clamp
	Mongin, Emmanuel	French	EMBL, Heidelberg, Germany	MCB (McGill Center for Bioinformatics), Montreal, Canada	Prediction and experimental validation of teleost specific regulatory modules
	Palancade, Benoît	French	University of Seville, Spain	Curie Institute, CNRS/UMR144, Paris, France	The interaction between the nuclear pore protein Pml39 and the chromatin remodeller FACT: implication for transcription elongation and mRNA export control
	Rhinn, Muriel	French	University of Cambridge, UK	IGBMC, Illkirch, France	Somatotopic organisation of the trigeminal system: conservation and diversity from mouse to chicken
Zanet, Jennifer	French	University of Bristol, UK	Center of Biological Development, Toulouse, France	Role and regulation of fascin in cell migration <i>in vivo</i>	
Germany	Aydin, Dorothee	German	University of Toronto, Canada	University of Heidelberg, Germany	Extracellular interaction partners of APP family proteins
	Blume, Martin	German	CMU/ Dpt MIMO, Geneva, Switzerland	Humboldt University Berlin, Germany	Functional and physiological assessment of sugar transporters in transgenic <i>Toxoplasma gondii</i>
	Busch, Andreas	German	Jean-Pierre Ebel Structural Biology Institute, Grenoble, France	Estación Experimental del Zaidín, Granada, Spain	Crystallisation of the sensor kinase TodS in presence of agonists and antagonists

	name	nationality	host laboratory	home laboratory	research interest
Germany (cont.)	Hilbert, Manuel	German	University of Leeds, UK	Biozentrum, University of Basel, Switzerland	Evolving aptamers for recognition of a pair of FRET dyes with SELEX
	Huehn, Daniela	German	University of Oxford, UK	University of Zurich, Switzerland	Analysing the role of human RECQ5 helicase in cellular response to replication stress
	Kirchmaier, Bettina Carmen	German	University of Innsbruck, Austria	University of Würzburg, Germany	Myocardial function in zebrafish popdc2 morphants
	Kirstein, Janine	German	The Medical School University of Newcastle, UK	Free University of Berlin, Germany	Cell biological analysis of ClpC and identification of novel adaptor proteins
	Loevenich, Sandra	German	Harvard University, Cambridge, USA	ETH Zürich, Switzerland	Improving the <i>Drosophila melanogaster</i> genome annotation through the integration of peptide structures with the genome
	Loose, Martin	German	EMBL, Heidelberg, Germany	Dresden University of Technology, Germany	Microfluidic approach to study the self- organisation of microtubules and motors in three dimensions
	Mueller, Jonathan Wolf	German	National Institute for Medical Research, London, UK	University of Duisburg-Essen, Germany	The quaternary structure of human PAPS synthetases during catalysis
	Nicolaisen, Kerstin	German	CSIC – University of Seville, Spain	LMU Munich, Germany	Polypeptide transporting beta-barrel proteins
	Pechstein, Arndt	German	Karolinska Institute, Stockholm, Sweden	Free University Berlin, Germany	Role of intersectin and synapsin in endocytosis and synaptic vesicle recycling
	Rebacz, Blanka	German	BioCentrum, DTU, Copenhagen, Denmark	German Cancer Research Center (DKFZ), Heidelberg, Germany	Synthesis and analysis of griseofulvin analogues with enhanced anti-tumour activity
	Schäfer, Gritt	German	Stowers Institute for Medical Research, Kansas City, USA	Developmental Biology, Marburg, Germany	Signal transductional pathways activating the WASP/WIP complex in fusion competent myoblasts during <i>Drosophila</i> myoblast fusion
	Schoener, Daniel	German	Samuel Lunenfeld Research Institute, Toronto, Canada	ETH Zürich, Switzerland	Data integration models for the analysis of yeast synthetic lethality data
	Stecher, Barbara	German	McMaster University Medical Centre, Hamilton, Canada	ETH Hönggerberg, Zürich, Switzerland	Influence of <i>Salmonella</i> sv. Typhimurium colities on the composition of the intestinal microflora in ASF-associated mice
	Stelter, Meike	German	University of Leeds, UK	Institute of Chemistry and Biological Technology, Oeiras, Portugal	Heterologous overexpression of membrane transport proteins from archaea

short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Germany (cont.)	Weyland, Simone	German	University of Canterbury, Christchurch, New Zealand	DESY – EMBL Hamburg, Germany	Analysis of protein complex formation between DapA and DapB, two proteins of the lysine biosynthetic pathway of <i>Mycobacterium tuberculosis</i>
	Zeller, Sabine	German	Karolinska Institute, Stockholm, Sweden	Swiss Institute of Allergy and Asthma Research (SIAF), Davos, Switzerland	Expression of self-antigens in lesional skin areas of patients with atopic eczema
Greece	Farmaki, Theodora	Greek	EMBL, Heidelberg, Germany	Institute of Agrobiotechnology, Thessaloniki, Greece	Structural and functional characterisation of the transporting intermediates of a novel PI3P-5P2 binding protein from <i>Arabidopsis thaliana</i>
	Gkouskou, Kalliopi	Greek	Centro de Investigación Príncipe Felipe, Valencia, Spain	HELLAS-Institute of Molecular Biology & Biotechnology, Heraklion, Greece	Metal regulated dynamic multi-protein transcriptional complexes with novel cross-talking co-regulators
	Karamitros, Dimitrios	Greek	National Institute for Medical Research, London, UK	University of Patras, Greece	Investigating the effects of the conditional inactivation of Geminin on lymphoid blood cells
	Kosta, Artemis	Greek	Electronic Microscopy Utrecht (EMU), The Netherlands	Scientific and Technology Park Luminy, Marseille, France	Role of mitochondria in the programmed cell death of <i>Dicytostelium discoideum</i>
	Panoutsopoulos , Alexis	Greek	Imperial College London, UK	B.S.R.C. "Alexander Fleming," Athens, Greece	Derivation of ES cell lines from mice harbouring mutations in Arkadia in order to generate chimeras
	Varotsis, Constantinos	Greek	University of Cyprus, Nicosia, Cyprus	University of Crete, Heraklion, Greece	Time-resolved UV-RAMAN of nitric oxide reductase from <i>Paracoccus denitrificans</i>
	Vidaki, Marina	Greek	University College London, UK	Institute of Molecular Biology & Biotechnology, Heraklion, Greece	Role of the corticofugal axons in neuronal migration during the development of forebrain in mice
Zerefos, Panagiotis	Greek	University of Helsinki, Finland	Academy of Athens, Greece	Urine protein profiling by the use of an integrated microchip electrophoretic device for the detection of low abundance bladder cancer biomarkers	
Hungary	Barta, Csaba	Hungarian	King's College London, UK	Molecular Biology and Pathobiochemistry, Semmelweis University, Budapest, Hungary	Structural genetic variation in substance dependence
	Czondor, Katalin	Hungarian	University of Stuttgart, Germany	Eötvös Lorand University, Budapest, Hungary	Investigations on the role of protein kinase D (PKD) in vesicle transport and spine motility in hippocampal neurons

EMBO | short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Hungary <i>(cont.)</i>	Muha, Villo	Hungarian	University of Dundee, UK	Institute of Enzymology, Budapest, Hungary	Posttranscriptional regulation of UDE and dUTPase in <i>Drosophila</i>
	Nemoda, Zsolia	Hungarian	MRC Laboratory of Molecular Biology, Cambridge, UK	Semmelweis University, Budapest, Hungary	A potential role for GluR2 RNA-editing in homeostatic synaptic plasticity
	Válóczy , Anna Róza	Hungarian	University of Freiburg, Germany	Agricultural Biotechnology Center, Gödöllő, Hungary	Adaptation of <i>Arabidopsis thaliana in situ</i> hybridization technology for miRNA detection using LNA modified oligonucleotide probes
Ireland	Golden, Aaron	Irish	EMBL, Hinxton, UK	National University of Ireland, Galway, Ireland	Novel CpG island annotation using hidden Markov models
	O'Connor, Darran	Irish	The Netherlands Cancer Institute, Amsterdam, The Netherlands	University College Dublin, Ireland	Functional genomic interrogation of anti-oestrogen resistance in breast cancer
	Ryan, Robert	Irish	University of Sao Paulo, Brazil	University College Cork, Ireland	Protein-protein interactions of RpfG, a key regulator of virulence in the phytopathogen <i>Xanthomonas campestris</i>
Israel	Avinoam, Ori	Israeli	Max Planck Institute for Developmental Biology, Tübingen, Germany	Technion-Israel Institute of Technology, Haifa, Israel	Generating deletions of eff-1 and aff-1 homologues in <i>Pristionchus pacificus</i>
	Butin-Israeli, Veronika	Israeli	Northwestern University, Feinberg School of Medicine, Chicago, USA	Hebrew University, Jerusalem, Israel	Modulation of Lamin A/C protein during SV40 early infection
	Kahana, Smadar	Israeli	University of Toronto, Canada	Technion-Israel Institute of Technology, Haifa, Israel	A high-throughput systematic identification of genes affecting the transcription of IME1 – the master regulator of meiosis in the budding yeast
	Lamm, Noa	Israeli	Rockefeller University, New York, USA	The Hebrew University, Jerusalem, Israel	Characterisation of human cells expressing a novel POT1 variant
	Lieber, Arnon	Israeli	The Max Planck Institute of Biochemistry, Martinsried, Germany	The Ben-Gurion University, Beer-Sheva, Israel	Revealing the internal membrane organization of <i>Gemmata obscuriglobus</i> by cryo-electron tomography of vitrified sections
	Shalgi, Reut	Israeli	EMBL, Heidelberg, Germany	The Weizmann Institute of Science, Rehovot, Israel	The regulation of silencing by miRNAs – global identification of silenced targets in human cells
	Shalom-Feuerstein, Ruby	Israeli	University of Nice-Sophia Antipolis, Nice, France	Tel Aviv University, Israel	Study of the expression profiling and potential roles of galectin-3 and Ras proteins during <i>in vitro</i> skin embryogenesis

short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Israel (cont.)	Sorek, Nadav	Israeli	University of Tübingen, Germany	Tel Aviv University, Israel	Determination of subcellular localisation of ROP/RAC GTPases in <i>Arabidopsis</i> using immunostaining
Italy	Alfano, Daniela	Italian	King's College London, UK	IGB, National Research Council – CNR, Naples, Italy	Identification of Rho GTPases as mediators of urokinase receptor (uPAR)-dependent migration and invasion
	Alverdi, Vera	Italian	University of Utrecht , The Netherlands	University of Udine, Italy	Probing the mechanism of aggregation of beta2-microglobulin
	Benfenati, Valentina	Italian	The Centre for Molecular Biology and Neuroscience, Oslo, Norway	University of Bologna, Italy	Identification of the brain osmosensor complex: molecular mechanisms regulating cell volume in astroglial cells
	Bersani, Francesca	Italian	Howard Hughes Medical Institute, New York, USA	University of Turin, Italy	Identification of a possible Met-dependent microRNAs signature
	Bisaglia, Marco	Italian	National Institute of Health, Bethesda, USA	University of Padova, Italy	Molecular etiopathogenesis of Parkinson's disease: alpha-synuclein, dopamine metabolism and oxidative stress
	Bottazzi, Barbara	Italian	Institute of Infections Disease and Molecular Medicine, Cape Town, South Africa	Humanitas Clinical Institute, Rozzano, Italy	Identification of a cellular receptor for the long pentraxin PTX3
	Brunello, Elisabetta	Italian	King's College London, UK	University of Florence, Italy	Structural dynamics of force development in muscle
	Campa, Manuela	Italian	Max Planck Institute for Plant Breeding Research, Cologne, Germany	Università degli Studi dell' Insubria, Varese, Italy	Overexpression of KIBP genes in barley
	Castino, Roberta	Italian	Henry Wellcome Lab for Integrative Neuroscience and Endocrinology, Bristol, UK	University A. Avogadro, Novara, Italy	The role of autophagy in neuronal cell death
	Cenci, Giovanni	Italian	Cornell University, Ithaca, USA	University of Salento, Lecce, Italy	Analysis of molecular mechanisms underlying the activation of the spindle checkpoint by uncapped telomeres in <i>Drosophila</i>
	Di Niro, Roberto	Italian	Los Alamos National Laboratory, USA	University of Trieste, Italy	Gene annotation by high throughput identification of binding domains
	Esposito, Ramona	Italian	University of Cologne, Germany	University of Naples "Federico II", Italy	Role of foxe1 in zebrafish thyroid morphogenesis

	name	nationality	host laboratory	home laboratory	research interest
Italy (cont.)	Ferrari, Simone	Italian	Max Planck Institute for Plant Breeding Research, Cologne, Germany	University of Padova, Legnaro, Italy	Analysis of secondary metabolites induced by oligogalacturonide elicitors in <i>Arabidopsis thaliana</i> plants
	Fornasiero, Eugenio	Italian	University of Leuven Medical School, Belgium	DIBIT-San Raffaele Vita-Salute University, Milan, Italy	Role of directional endocytosis in axonal specification and neuronal polarisation
	Giannattasio, Michele	Italian	Institute of Human Genetics (IGH), Montpellier, France	University of Milan, Italy	DNA damage response after UV irradiation requires Exo1 dependent resection to generate ssDNA regions in damaged yeast chromosomes
	Giordano, Francesca	Italian	Curie Institute, Paris, France	TIGEM (Telethon Institute of Genetics and Medicine), Naples, Italy	Ocular albinism Type 1 (Oa1) gene function in malanosome biogenesis
	Guardiola, Ombretta	Italian	Center for Transgene Technology and Gene Therapy (CTG), Leuven, Belgium	Institute of Genetic and Biophysic "Adriano Buzzati-Traverso" CNR, Naples, Italy	Unraveling the role of EGF-CFC Cripto in muscle regeneration
	Lionetti, Vincenzo	Italian	French National Institute for Agricultural Research, Versailles, France	University of Rome "La Sapienza," Italy	Cell wall analysis of <i>Arabidopsis thaliana</i> plants overexpressing pectin methylesterase inhibitors by FTIR microspectroscopy
	Mazzucotelli, Elisabetta	Italian	Institute of Plant Genetics and Crop Plant Research (IPK), Gatersleben, Germany	CRA – Centre for Genomic Research, Fiorenzuola d'Arda (PC), Italy	Proteomic analysis of SUMOylation during plant response to abiotic stresses
	Migliaccio, Enrica	Italian	Cancer Research UK, Glasgow, UK	European Institute of Oncology, Milan, Italy	Role of p53/p66Shc pathway in regulation of ROS metabolism, apoptosis and ageing
	Olivieri, Anna	Italian	University of Tartu and Estonian Biocentre, Estonia	University of Pavia, Italy	Sequence variation in pigmentation genes and the origin of modern human populations
	Pantaleo, Vitantonio	Italian	Agricultural Biotechnology Center Szent-Gyorgyi, Godollo, Hungary	CNR – Plant Virology Institute, Bari, Italy	The mechanism of virus induced RNA silencing and its role in the control of virus specific subviral RNAs accumulation
	Piccin, Daniela	Italian	National Research Center for Environment and Health (GSF), Neuherberg, Germany	University of Ferrara, Italy	Establishing primary cells for therapy response studies of neuroendocrine tumours
	Pittoni, Paola	Italian	Brigham and Women's Hospital, Boston, USA	DIBIT, H. San Raffaele Scientific Institute, Milan, Italy	Definition of the molecular mechanisms underlying the control of iNKT cell responsiveness by gene expression microarray analysis

short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Italy (cont.)	Prischi, Filippo	Italian	MRC – The National Institute for Medical Research, London, UK	University of Siena, Italy	Structural studies of protein interaction and aggregation related to neurodegenerative diseases
	Proietti de Santis, Luca	Italian	Institute of Genetics and Molecular and Cell Biology (IGBMC), Illkirch, France	University of Tuscia, Viterbo, Italy	Identification of CSB complexes using tandem affinity purification technology
	Reisoli, Elisa	Italian	Faculty of Biology, Barcelona, Spain	University of Pisa, Italy	Identification and functional study of serotonin receptors 5-HT2B and 5-HT2C homo- and/or heteromers
	Riccio, Andrea	Italian	University of Cambridge, UK	Second University of Naples, Caserta, Italy	Role of imprinted genes in early-onset obesity
	Robotti, Andrea Mario	Italian	Campus Gasthuisberg, Leuven, Belgium	University of Turin, Italy	Development of lentiviral vectors for PMGS expression in neurons
	Rudini, Noemi	Italian	Leiden University Medical Center, The Netherlands	FIRC Institute of Molecular Oncology, Milan, Italy	Molecular mechanisms of VE-cadherin-dependent enhancement of TGF-beta pathway in endothelial cells
	Sala Frigerio, Carlo	Italian	Brigham and Women's Hospital and Harvard Medical School, Boston, USA	University College Dublin, Ireland	APLP1 and APLP2 are better substrates for gamma-secretase than APP
	Sguanci, Luca	Italian	University of Cambridge, UK	CSDC, Florence, Italy	From theoretical to quantitative modelling of the R5 to X4 switching in HIV infection
	Tinnirello, Agata	Italian	Cold Spring Harbor Laboratory, USA	University of Torino, Italy	Three-dimensional culture of human breast MCF-10A cells to investigate molecular mechanisms downstream HER2/Neu-activation
	Zanotti, Lucia	Italian	University of Rochester School of Medicine and Dentistry, USA	DiBit, San Raffaele Hospital, Milan, Italy	Transplantation of multipotential adult oligodendrocyte progenitor cells in a mouse model for multiple sclerosis
The Netherlands	Fransen, Floris	Dutch	University of Dundee, UK	Netherlands Vaccine Institute, Bilthoven, Netherlands	Influence of the acylation pattern of <i>Neisseria meningitidis</i> lipopolysaccharide on dendritic cell responses
	Michielse, Caroline	Dutch	University of Münster, Germany	University of Amsterdam, Netherlands	Comparative analysis of pathogenicity genes in the plant pathogenic fungi <i>Botrytis cinerea</i> and <i>Fusarium oxysporum</i>

	name	nationality	host laboratory	home laboratory	research interest
The Netherlands (cont.)	Scheffers, Dirk-Jan	Dutch	Stockholm University, Sweden	Free University of Amsterdam, Netherlands	Membrane proteomics of the <i>Escherichia coli</i> divisome
	Schoenmakers, Sam	Dutch	University of Cambridge, UK	Erasmus MC University Medical Center, Rotterdam, The Netherlands	Epigenetic differentiation of blastomeres in the early mouse embryo
	Splinter, Daniël	Dutch	University of Missouri-Kansas City, USA	Erasmus MC University Medical Center, Rotterdam, Netherlands	<i>In vitro</i> reconstitution of microtubule-based motility of a triple dynein–dynactin–bicaudal D2 complex
	van Mólken, Tamara	Dutch	The Sainsbury Laboratory, John Innes Centre, Norwich, UK	Radboud University, Nijmegen, Netherlands	Influence of abiotic stressors on RNA silencing pathways
	Veenendaal, Andreas	Dutch	Osaka University, Japan	University of Oxford, UK	Identifying the conserved target of small molecule inhibitors of T3SS
Poland	Czerski, Piotr	Polish	University of Bonn, Germany	Poznan University of Medical Sciences, Poland	A systematic haplotype-based association study of cadherin FAT gene in bipolar affective disorder and schizophrenia
	Kaminska, Katarzyna	Polish	Graduate School of Frontier Science & Institute of Medical Science, Tokyo, Japan	International Insitute of Molecular and Cell Biology, Warsaw, Poland	Search for DNA endonucleases with novel structure and function
	Kolodziej, Katarzyna	Polish	University of Michigan, Ann Arbor, USA	Erasmus MC University Medical Center, Rotterdam, The Netherlands	Characterisation of the orphan nuclear receptor TR2/TR4 complexes in erythroid cells
	Prokopowicz, Zofia	Polish	Technical University of Munich, Garching, Germany	University College London, UK	Altered immune responses to oxidized antigens: analysis of hypochlorous acid induced protein modifications
	Rolle, Katarzyna	Polish	Max Planck Institute for Infection Biology, Berlin, Germany	Polish Academy of Sciences, Poznan, Poland	The study of the interactions of sRNA with the target mRNA in <i>Salmonella</i>
	Szalewska-Palasz, Agnieszka	Polish	Department of Molecular Biology, Umeå, Sweden	University of Gdansk, Poland	Detecting ppGpp-regulated RNA polymerase holoenzyme pools
	Zawacka-Pankau,	Polish	Karolinska Institute, Stockholm, Sweden	Intercollegiate Faculty of Biotechnology, Gdansk, Poland	Molecular mechanism of action of p53-reactivating molecule RITA
Ziemlinska, Ewelina	Polish	University Hospital Göttingen, Germany	Nencki Institute of Experimental Biology, Warsaw, Poland	Production of a recombinant AAV-5 vector for a BDNF expression in lesioned spinal cord	

short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Portugal	Brito, Rui	Portuguese	Leibniz Institute for Molecular Pharmacology (FMP), Berlin, Germany	University of Coimbra, Portugal	Insights on the molecular structure of transthyretin amyloid by solid-state NMR
	Correia, Silvia	Portuguese	University of London, UK	Instituto Gulbenkian de Ciencia, Oeiras, Portugal	Mechanism of two novel, non-homologous genes of african swine fever virus that inhibits the induction of interferon responses
	Fernandez, Adelaide	Portuguese	University of Minnesota, USA	University of Lisbon, Portugal	Neurodevelopmental disabilities by bilirubin: evaluation of growth cone dynamic alterations
Slovak Republic	Majerník, Alan	Slovakian	University of York, UK	Slovak Academy of Sciences, Ivanka pri Dunaji, Slovakia	The control mechanism of the initiation of DNA replication in methanoarchaeon <i>Methanothermobacter thermautotrophicus</i> – analysis of potential roles of origin recognition box
	Simkovic, Martin	Slovakian	University of Edinburgh, UK	Slovak University of Technology, Bratislava, Slovakia	Mechanism(s) involved in proteinase secretion by filamentous fungus <i>Trichoderma viride</i>
	Talianova, Martina	Slovakian	University of Lyon, France	Institute of Biophysics AS CR, Brno, Czech Republic	Effects of reproductive and breeding systems on genome organisation in the genus <i>Silene</i>
Slovenia	Ceru, Slavko	Slovenian	Medical Centre Nottingham, UK	Institute Jozef Stefan, Ljubljana, Slovenia	Degradation of cystatin B through proteasom system and its influence on aggregation
	Hafner Bratkovic, Iva	Slovenian	Technical University Munich, Germany	National Institute of Chemistry, Ljubljana, Slovenia	Insight into prion protein conformational change by additional disulfide mutants
	Pasic, Lejla	Slovenian	University Miguel Hernandez Apartado 18, San Juan de Alicante, Spain	University of Ljubljana, Slovenia	Mechanisms for phage evasion in prokaryotes: modification of targets by intragenomic recombination
Spain	Asencio, Claudio	Spanish	Erasmus MC, Rotterdam, The Netherlands	University Pablo de Olavide-CSIC, Sevilla, Spain	Isolation of suppressor mutations of coq-8(ok840) mutants in <i>C. elegans</i>
	Barrera Olivares, Francisco	Spanish	Aalborg University, Denmark	University Miguel Hernandez, Alicante, Spain	Kinetic characterization of the folding mechanism of the potassium channel KcsA

	name	nationality	host laboratory	home laboratory	research interest
Spain (cont.)	Castro Castro, Antonio	Spanish	The Netherlands Cancer Institute, Antoni van Leeuwenhoek Hospital (NKI-AVL), Amsterdam, The Netherlands	CSIC-University of Salamanca, Spain	Characterisation and RNAi screen of proteins involved in the shuttling of the Rac1 GTPase from the cytosol to the plasma membrane
	Cobrerros-Reguera, Laura	Spanish	Johns Hopkins University, Baltimore, USA	CABD, Pablo de Olavide University, Seville, Spain	<i>In vivo</i> analysis of the role of integrins on border cell migration
	Corbacho, Isaac	Spanish	Institute for Microbiology, Zürich, Switzerland	University of Extremadura, Badajoz, Spain	Quantification of glycosylation efficiency in different alg mutant strains using a MS-based quantification assay
	de Paz, Héctor David	Spanish	Biozentrum of the University of Basel, Switzerland	University of Cantabria, Santander, Spain	DNA transfer into human cells mediated by the type IV secretion systems of <i>Bartonella</i> spp.
	Del Carmen Fernández Alonso, María	Spanish	National Institute of Health, Bethesda, USA	Biological Research Centre, Madrid, Spain	Effect of soluble septosome proteins on the oligomerisation and assembly of FtsZ, an essential bacterial cell division protein: a multi-signal analytical ultracentrifugation analysis
	Dominguez Villar, Margarita	Spanish	University Hospital Huddinge, Stockholm, Sweden	Puerto Real University Hospital, Spain	Effect of HCV core protein expression in NK cell function
	Elías, Alberto	Spanish	Max Planck Institute for Terrestrial Microbiology, Marburg, Germany	Pablo de Olavide University, Seville, Spain	Identification and characterisation of virulence factors in the corn smut fungus <i>Ustilago maydis</i>
	Elorza, Ainara	Spanish	University of Leuven, Belgium	Princess Hospital, Madrid, Spain	Generation of conditional transgenic mice overexpressing the prolyl hydroxylases PHD-1,-2,-3 oxygen sensors
	Fernandez Fernandez, Seila	Spanish	Medical Research Council, Harwell, UK	University of Salamanca, Spain	Phenotypic characterisation of mutants Guthrie and Panza. Relevance to Huntington's disease
	García, Ana	Spanish	EMBL, Heidelberg, Germany	Cancer Research Center, Salamanca, Spain	Study of Implication of Mug1 and Mug5 in horsetail movement in <i>S. pombe</i>
	García-Hoz, Carlota	Spanish	University of Bergen, Norway	Centre of Molecular Biology "Severo Ochoa", Madrid, Spain	<i>In vivo</i> study of Galfaq/PKCz association by FRET analysis
	Gomez Valero, Laura	Spanish	University of Uppsala , Sweden	University of Valencia, Spain	Partial analysis of the genome of a <i>Wolbachia</i> strain from <i>Drosophila simulans</i>
	González Mamely, Iván	Spanish	University of Sussex, Brighton, UK	Hospital Universitario de Canarias, Tenerife, Spain	Role of claspin in double-stranded DNA break repair

short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Spain (cont.)	González Pérez, Blanca	Spanish	Ecole Normale Supérieure, Paris, France	Faculty of Medicine, Santander, Spain	Single-molecule study of TrwC, a DNA-strand transferase
	Gonzalez Seiz,	Spanish	Wallenberg Neuroscience Center, Lund, Sweden	Autonomous University of Madrid, Spain	Electrophysiological characterisation of human neural stem cell cultures derived from ventral mesencephalon
	Gonzalez, Francisca	Spanish	Institute of Medical Microbiology, Munich, Germany	Instituto de Investigaciones Biomédicas Alberto Sols (IIB), Madrid, Spain	Suppression of MyD88- and/or TRIF- dependent signalling pathways of Toll-like receptors (TLRs) by acanthoic acid-related diterpenes
	González, Inmaculada	Spanish	Institute of Human Genetics, Montpellier, France	Madrid University, Spain	Use of ChIP technology to uncover the association of agony, a polycomb and trithorax interacting protein with specific DNA sequences
	Guix Rafols, Francesc Xavier	Spanish	Center of Human Genetics, Leuven, The Netherlands	Pompeu Fabra University, Barcelona, Spain	Amyloid β -peptide-induced nitrotyrosination of triose phosphate isomerase promotes paired helical filament formation
	Herrera, M. Carmen	Spanish	Imperial College London, UK	Estación Experimental del Zaidín, Granada, Spain	Crystallisation of PhhR
	Lacal Romero, Jésus	Spanish	University of California, Davis, USA	CSIC, Granada, Spain	Elucidation of the molecular mechanism of TodS/TodT-mediated chemotaxis in <i>Pseudomonas</i>
	Laguna Tuset, Ariadna	Spanish	Salpêtrière Hospital, Paris, France	Centre of Genomic Regulation, Barcelona, Spain	Analysis of DYRK1A function in the development of retinotectal networks
	Lima Silva, Viviana	Spanish	Faculty of Agriculture, Food and Environmental Quality Sciences, Rehovot, Israel	University of Málaga, Spain	Vitamin C profiling of a population of backcross inbred lines (BILs) generated as an interspecific cross between <i>S. lycopersicum</i> and <i>S. neorickii</i>
	Lopez Serra, Lidia	Spanish	Imperial College School of Medicine, London, UK	Spanish National Cancer Research Centre (CNIO), Madrid, Spain	MBD proteins profile of stem cell during differentiation
	Lozano, Rosa	Spanish	MCDB Yale University, New Haven, USA	University of Málaga, Spain	Analysis of the interaction between Geminiviruses and two SCF regulators: CAND1 and the CSN complex
	Nuñez-Corcuera, Beatriz	Spanish	University of Dundee, UK	Biological Research Centre, Madrid, Spain	Analysis of cudA and statA expression in a new <i>Dictyostelium</i> mutant: padA ⁻
Pardo, Julian	Spanish	John Curtin School of Medical Research, Canberra, Australia	University of Zaragoza, Spain	Biological relevance of apoptosis induced by perforin/granzymes during ectromelia virus infection	

	name	nationality	host laboratory	home laboratory	research interest
Spain (cont.)	Pérez Bueno, María Luisa	Spanish	Hungarian Academy of Sciences, Szeged, Hungary	University of Sheffield, UK	Thermodynamic dissection of the mechanisms of non photochemical quenching in higher plants
	Pernaute, Barbara	Spanish	MRC Clinical Sciences Centre, London, UK	Autonomous University of Madrid, Spain	MicroRNAs involvement in mouse trophoblast development
	Pineda, David	Spanish	University of Leuven, Belgium	Foundation IMIM, Barcelona, Spain	Molecular mechanism of tissue plasminogen activator (tPA) induction by amyloid beta in neurons: implications for Alzheimer's disease
	Porrúa, Odil	Spanish	Umea University, Sweden	Pablo de Olavide University, Sevilla, Spain	<i>In vitro</i> transcription of atzR-atzDEF system from <i>Pseudomonas</i> sp. ADP
	Reyes Valerón, María Abigail	Spanish	University of Basel, Switzerland	University of Salamanca, Spain	Intracellular sorting of Chs3
	Rodrigo, Guillermo	Spanish	Massachusetts Institute of Technology, Cambridge, USA	Polytechnic University of Valencia, Spain	Design and evolution of <i>de novo</i> metabolic pathways
	Rodríguez-Chacón, Mariola	Spanish	Columbia University Medical Center, New York, USA	Miguel Hernandez University, Alicante, Spain	Cytoskeleton dynamic in growth cone: actin microinjection
	Rodríguez-Romero, Julio L.	Spanish	University of Glasgow, UK	University of Sevilla, Spain	Expression, purification and characterisation of blue light photoreceptor from <i>Phycomyces</i>
	Ruiz de Almodovar, Carmen	Spanish	CNRS UMR 7102, Paris, France	University of Leuven, Belgium	Characterisation of the role of VEGF during cerebellum development
	Sanchis, Daniel	Spanish	UT Southwestern Medical Center at Dallas, USA	University of Lleida, Spain	Role of histone deacetylases in the control of apoptotic gene expression during heart development
	Valiente Cortés, Manuel	Spanish	Burnham Institute for Medical Research, La Jolla, USA	Institute of Neurosciences, Alicante, Spain	Development of siRNA lentiviral vectors against intracellular proteins implicated in migration of cortical neurons
	Vega, Lorena	Spanish	University of Heidelberg, Germany	Instituto de Microbiología Bioquímica, Salamanca, Spain	Characterisation of factors participating in maturation of pre-40S subunit in ribosomal biogenesis
	Yerbes-Cadenas, Rosario	Spanish	Drexel University College of Medicine, Philadelphia, USA	Andalusian Molecular Biology and Regenerative Medicine Centre (CABIMER), Seville, Spain	Death receptor signalling during lumen formation
Sweden	Andersson, María	Swedish	University of Massachusetts Medical School, Worcester, USA	Göteborg University, Sweden	Production and investigations of zeta, an unfolded protein in the T-cell receptor

short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
Sweden <i>(cont.)</i>	Andersson, Olov	Swedish	ISREC-EPFL, Swiss Federal Institute of Technology, Lausanne, Switzerland	Karolinska Institute, Stockholm, Sweden	Potential interaction between Cdx2 and Nodal signalling – implications for mesoderm induction
	Eriksson, Joakim	Swedish	Macquarie University, New South Wales, Australia	University of Cambridge, UK	Development of onychophorans as a model system in evolutionary developmental biology
	Lüppert, Alfred	Swedish	Stanford University School of Medicine, USA	Karolinska Institute, Stockholm, Sweden	Cancer stem cells in brain tumours
Switzerland	Bridel, Claire	Swiss	Virginia Commonwealth University, Richmond, USA	University Hospital Zürich, Switzerland	Murine FDCs and <i>in vitro</i> prion replication
	Rauch, Alexander	Swiss	The Scripps Research Institute, La Jolla, USA	Institute of Biochemistry, ETH, Zürich, Switzerland	Autoregressive moving average analysis of astral microtubule dynamics in <i>S. cerevisiae</i>
	Stadelmann, Britta	Swiss	Institute for Hygiene and Microbiology, Würzburg, Germany	Institute of Parasitology, Bern, Switzerland	Laminated layer and excretory/secretory products of <i>Echinococcus multilocularis</i> metacestodes are important for pathogenesis
Turkey	Bener Aksam, Eda	Turkish	Institute for Molecular Biosciences, Graz, Austria	University of Groningen, Netherlands	The role of peroxisomes in apoptosis in yeast
	Cangul, Hakan	Turkish	University of Birmingham, UK	Uludag University School of Medicine, Bursa, Turkey	Mapping of autosomal recessive disease genes
	Evran,	Turkish	University of Regensburg, Germany	Ege University, Izmir, Turkey	Interconverting the activities of two TIM barrel enzymes by evolutionary design
United Kingdom	Arden, Catherine	British	Howard Hughes Medical Institute, Ann Arbor, USA	Newcastle University, UK	Protein–protein interactions of the glucose sensor enzyme glucokinase in pancreatic beta-cells
	Hagen, Rachel	British	East Carolina University, Greenville, USA	University of Cambridge, UK	Role of SREBP-1c in the generation of lipid substrates for oxidation in skeletal muscle during exercise
	Hasan, Uzma	British	Yale University School of Medicine, New Haven, USA	IARC Internation Agency for Research on Cancer, Lyon, France	The localisation and association of TLR9 regulation by high risk types of human papillomavirus and viral persistence
	Lloret Vilaspasa, Ferran	British	IBL Clusius Laboratorium, Leiden, The Netherlands	University College London, UK	Vertical signalling by Hox genes and anterior–posterior patterning of the early embryo

EMBO | short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
United Kingdom (cont.)	Rawling, Joanna	British	University of Geneva Medical School CMU, Switzerland	Centro Nacional de Microbiología, Instituto de Salud Carlos III, Madrid, Spain	Investigation of the proteolytic processing region of the human respiratory syncytial virus fusion protein in the context of Sendai virus
	Wright, Cynthia	British	Harvard Institute of Proteomics, Cambridge, USA	John Radcliffe Hospital, Oxford, UK	Proteomic detection of autoantibodies in patients with ankylosing spondylitis
other nationalities	Butler, Ryan	American	University of Nice, France	National University of Ireland, Galway, Ireland	Investigating the molecular mechanisms mediating synaptic plasticity in the midbrain during pain, conditioned fear, and fear-induced analgesia
	Rohn, Jennifer	American	EMBL, Heidelberg, Germany	MRC Laboratory for Molecular Cell Biology, London, UK	Use of live-cell imaging to characterize novel regulators of mammalian cell morphogenesis
	Marchesisni, Maria Ines	Argentinian	Scientific and Technology Park Luminy, Marseille, France	Institute of Biotechnology Research, Buenos Aires, Argentina	Characterisation of a <i>Brucella</i> TFSS substrate
	Nieto Peñalver, María Carolina	Argentinian	Imperial College London, UK	National University of Tucuman, San Miguel de Tucumán, Argentina	Systematics and phylogeny of the Baetidae (Insecta: Ephemeroptera) based on morphological and molecular characters
	Turk, Gabriela	Argentinian	Curie Institute, Inserm U653, Paris, France	University of Buenos Aires, Argentina	Impact of human immunodeficiency virus Type 1 intersubtype variability of NEF activity
	Villarreal, Fernando	Argentinian	University of Hannover, Germany	Biological Research Centre, Mar del Plata, Argentina	Proteomic analysis of mitochondrial gamma-carbonic anhydrases mutants and overexpressing cell cultures
	Lapkouski, Mikalai	Belarusian	EMBL, Hamburg, Germany	University of South Bohemia, Nove Hradý, Czech Republic	Structure-functional characteristics of the HsdR subunit of the EcoR124I endonuclease from <i>E. coli</i>
	Nóbrega Pitaluga, André	Brazilian	Charles University, Prague, Czech Republic	DBBM, IOC – FIOCRUZ, Rio de Janeiro, Brazil	Identification of putative new anti-microbial peptide in sand flies from the old world
	Hadzhiev, Yavor	Bulgarian	Bergen Center for Computational Science, Norway	Institute for Toxicology and Genetic Research, Karlsruhe, Germany	Identification of core promoter sequences responsible for promoter-enhancer specificity in long-range cis-regulatory interactions in vertebrate development
	Lemay, Jean-Francois	Canadian	The University of St Andrews, UK	University of Sherbrooke, Canada	Single-molecule stepwise transcription: a novel framework to study co-transcriptional folding

short-term fellowship awards 2007

	name	nationality	host laboratory	home laboratory	research interest
other nationalities <i>(cont.)</i>	Flores Morales, Amilcar	Colombian	University of Oxford, UK	Karolinska Institute, Stockholm, Sweden	Characterisation of the mechanism of action of SOCS2
	Rodriguez Alfonso, Armando	Cuban	Faculty of Pharmacy, Leuven, Belgium	CEBIMAR, Habana, Cuba	Obtaining of a new peptide from a sea anemone, acting upon potassium channels, with potential pharmacological and biomedical applications
	Malekkou, Anna	Cypriot	University of Dundee, UK	University of Cyprus, Nicosia, Cyprus	Functional characterisation of a novel nuclear ATPase protein, hCINAP
	Poirazi, Panayiota	Cypriot	Institute of Life Sciences, Los Angeles, USA	Institute of Molecular Biology and Biotechnology (IMBB), Heraklion, Greece	Computational modelling and physiological studies of neural form and function in the ageing brain
	Kanduri, Chandrasekhar	Indian	The Babraham Institute, Cambridge, UK	The Rudbeck Laboratory, Uppsala, Sweden	Functional characterisation of proteins that are associated with Kcnq1ot1 and Xist silencing domains
	Siddiqui, Tabrez Jamal	Indian	Max Planck Institute for Experimental Medicine, Göttingen, Germany	University of British Columbia, Vancouver, Canada	Generation and analysis of conditional knock-out mice for novel genes inducing presynaptic differentiation
	Kartikasari, April	Indonesian	University of Heidelberg, Germany	UMC St. Radboud Nijmegen, The Netherlands	Cellular signalling of the iron hormone hepcidin
	Saade, Murielle	Lebanese	Fred Hutchinson Cancer Research Center, Seattle, USA	INSERM ERM206, Laboratoire Technologies Avancées pour le Génome et la Clinique (TAGC), Marseille, France	Development and validation of biobodies specific for spatial isoforms
	Briseno-Roa, Luis	Mexican	Institute of Genetics and Molecular and Cellular Biology, Strasbourg, France	Laboratory of Molecular Biology, Cambridge, UK	EM of SYD-4 protein and syd-4 mutant synapses using high-pressure freezing
	Manori Dissanayake, Sarala	New Zealander	EMBL-EBI, Hinxton, UK	University of Auckland, New Zealand	Visualisation of biological models
Adewale, Isaac Olusanjo	Nigerian	University of Bonn , Germany	Obafemi Awolowo University, Ile-Ife, Nigeria	Enzymatic analysis and biochemical regulation of stress-associated aldehyde dehydrogenases	
Ayeni, Funmilola	Nigerian	Instituto del Frio (CSIC), Madrid, Spain	Okemesi Grammar School, Okemesi Ekiti, Nigeria	Identification and plasmid profiles of lactic acid bacteria isolated from fermented dairy foods and meat products in Nigeria	

	name	nationality	host laboratory	home laboratory	research interest
other nationalities (cont.)	Ojo, Olabisi	Nigerian	Barts and the London Queen Mary's School of Medicine and Dentistry, London, UK	University College Cork, Ireland	Rapid phylogenetic analysis of <i>Mycobacterium tuberculosis</i> clinical isolates in Southern Ireland
	Kovalevskiy, Oleg	Russian	University of York, UK	Russian Academy of Sciences, Pushchino, Russia	Regulation of <i>Bacillus cereus</i> hemolysin II expression: structural investigation
	Laletina (Babaylova), Elena	Russian	Institute for Molecular and Cell Biology, Strasbourg, France	Institute of Chemical Biology and Fundamental Medicine, Novosibirsk, Russia	Mapping of the SECIS RNA–protein contacts on the human ribosome
	Pindyurin, Aleksy	Russian	Erasmus University Medical Centre, Rotterdam, The Netherlands	Siberian Division of Russian Academy of Sciences, Novosibirsk, Russia	Purification and characterisation of SUUR (Suppressor of Under-Replication) protein complex of <i>Drosophila</i>
	Salozhin, Sergey	Russian	INMED – The Mediterranean Institute of Neurobiology, Marseille, France	Institute of Higher Nervous Activity and Neurophysiology, Moscow, Russia	Effect of the overexpression of NKCC1, a sodium-potassium-chloride cotransporter on neurons development
	Boryskina, Olena (Yelena)	Ukrainian	CNRS – Rennes University, France	Institute of Radiophysics and Electronics NAS of Ukraine, Kharkov, Ukraine	Bridging the gap between pathologies, rheological properties of collagen, and genetic mutations
	Koval, Lyudmyla	Ukrainian	Pasteur Institute, Paris, France	Palladin Institute of Biochemistry of the National Academy of Sciences of Ukraine, Kyiv, Ukraine	The role of two nicotinic receptor subtypes in B lymphocyte activation
	Pismenetskaya, Irine	Ukrainian	University of Oxford, UK	Dnepropetrovsk State Medical Academy, Ukraine	HPLC analysis of oligosaccharides of glycoconjugates and their free analogues in urine

applications and awards 2000–2007

country from	applications	% of total	awards	% of total	success rate %
Austria	19	1	9	1	47
Belgium	49	2	30	2	61
Croatia	19	1	9	1	47
Czech Republic	54	2	32	2	59
Denmark	19	1	10	1	53
Estonia*	3	0	2	0	67
Finland	22	1	15	1	68
France	176	7	107	8	61
Germany	179	7	98	7	55
Greece	106	4	59	4	56
Hungary	61	2	37	3	61
Iceland	12	1	7	1	58
Ireland	27	1	17	1	63
Israel	104	4	69	5	66
Italy	385	15	199	14	52
Luxembourg**	0	0	0	0	0
The Netherlands	65	3	43	3	66
Norway	10	0	5	0	50
Poland	104	4	46	3	44
Portugal	50	2	28	2	56
Slovak Republic**	2	0	2	0	100
Slovenia	31	1	15	1	48
Spain	402	16	224	16	56
Sweden	32	1	22	2	69
Switzerland	33	1	19	1	58
Turkey	59	2	22	2	37
United Kingdom	92	4	61	4	66
Eastern Europe	207	8	94	7	45
Others	212	8	100	7	47
Total	2534	100	1381	100	55

* Estonia joined the EMBC in 2006

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

applications and awards 1977–2007

year	applications	awards	success rate %
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

EMBO | short-term fellowships 2007: geographical distribution

applications	Nationality																				Total										
Destination	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											1										2	5
Belgium															4		1		1	1			3					1	1	12	
Croatia																														0	
Czech Republic		1													1														1	3	
Denmark						1			1						2		1						2				1	1	9		
Estonia*															1															1	
Finland	1									2													1				1	1	6		
France		5	1	1						1	1		1	2	6					2			1	5		1	2	6	2	11	48
Germany	1			2				1	2	3				5	9		2		4	2		1	8		1	1	2	2	3	8	57
Greece																							1			1				3	
Hungary				1											1											2				4	
Iceland																														0	
Ireland																														0	
Israel									1														1							2	
Italy								2					1						1				1				1		6	12	
Luxembourg**																														0	
Netherlands						1	2	2			1		1		3					2			5				2	2	2	2	25
Norway									1						1								1							3	
Poland																													1	1	
Portugal																														0	
Slovak Republic**																														0	
Slovenia																														0	
Spain	1	1						1	1	1	2				3							1				1		1	6	19	
Sweden									2								1		2				7		1	1			1	15	
Switzerland		1							1														5	1			1			9	
Turkey																														0	
UK					1		5	7	3	3			2	13		4		3	2	2	4	15	2	2	3		6	2	9	88	
EMBL				1			1	1	1				1										2	1		1	1			10	
Eastern Europe															1															1	
USA/Canada	1		1	1			7	7	1			1	4	11		2	1		1			16	2	5		4				65	
Others								1	1			1		2					1			1				3		1	11		
Total	4	8	2	6	1	2	2	19	24	12	10	0	7	12	58	0	12	1	14	9	2	7	74	6	9	7	17	22	11	51	409

*Estonia joined the EMBC in 2006 **Luxembourg and the Slovak Republic joined the EMBC in 2007

short-term fellowships 2007: geographical distribution

awards	Nationality																			Total											
Destination	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								1			1											3	
Belgium															3								2						1	6	
Croatia																														0	
Czech Republic		1																										1	2		
Denmark								1															1							2	
Estonia*															1															1	
Finland								1																						1	
France		2	1									1	1	4									4			1	4	2	20		
Germany			1								2		3	5	2		3	1		1	3	1	1	1	1	1	1	2	27		
Greece																														0	
Hungary			1											1												1			3		
Iceland																														0	
Ireland																														0	
Israel																							1							1	
Italy																														0	
Luxembourg**																														0	
Netherlands						1	1	2				1		2								3				2	1		13		
Norway								1						1									1						3		
Poland																														0	
Portugal																														0	
Slovak Republic**																														0	
Slovenia																														0	
Spain	1	1						1	1	1				1								1							1	8	
Sweden								1									1	2					4	1		1			10		
Switzerland								1															5	1					7		
Turkey																														0	
UK					1			3	2	3	3		2	7	3					2	2	1	6	2	2	1	4	1	1	46	
EMBL				1				1	1	1			1										1			1	1		8		
Eastern Europe																														0	
USA/Canada			1	1				3	2	1		1	3	7	2				1				10	2	5		2		41		
Others								1	1			1	1						1				1			3			9		
Total	1	4	1	5	1	1	1	10	12	8	5	0	6	8	33	0	9	0	6	5	2	3	42	5	9	2	12	9	3	8	211

*Estonia joined the EMBC in 2006 **Luxembourg and the Slovak Republic joined the EMBC in 2007

EMBO young investigators 2007

name	nationality	institute	research interest
Bouso, Philippe	French	Pasteur Institute, Paris, France	T cell dynamics <i>in vivo</i>
d'Adda di Fagnana, Fabrizio	Italian	IFOM, Milan, Italy	Senescence and DNA damage checkpoint
Etienne-Manneville, Sandrine	French	Pasteur Institute, Paris, France	Astrocyte polarity and migration
Gerhardt, Holger	German	Cancer Research UK, London, UK	Endothelial guidance in vascular patterning
Harkany, Tibor	Hungarian	Karolinska Institute, Stockholm, Sweden	Developmental deficits in the CNS
Hoppe, Thorsten	German	ZMNH, Hamburg, Germany	Protein degradation
Hummel, Thomas	German	University of Münster, Germany	Formation of the sensory nervous system
Janke, Carsten	German	CNRS-CRBM, Montpellier, France	Tubulin modification and function
Ketting, René	Dutch	Hubrecht Laboratory, Utrecht, The Netherlands	Small RNAs in the vertebrate germline
Martínez, Javier	Argentinian	IMBA, Vienna, Austria	RNA silencing in mammalian cells
Más, Paloma	Spanish	IBMB-CSIC, Barcelona, Spain	Circadian rhythm in <i>Arabidopsis</i>
Milán, Marco	Spanish	Institute for Research in Biomedicine, Barcelona, Spain	Cellular boundaries during development
Schnittger, Arp	German	University of Cologne, Germany	Control of cell size and number
Segal, Eran	Israeli	The Weizmann Institute of Science, Rehovot, Israel	Modelling of transcriptional regulation
Seoane, Joan	Spanish	Vall d'Hebron University Hospital, Barcelona, Spain	Glioma genesis and progression
Tapon, Nicolas	French	Cancer Research UK, London	Tissue size control
Vendruscolo, Michele	Italian	University of Cambridge, UK	Protein aggregation in theory and experiment
Zimmermann, Pascale	Belgian	Catholic University, Leuven, Belgium	The role of PDZ domains in development

EMBO installation grant recipients 2007

name	nationality	moving from	moving to	research interest
Bryja, Vítězslav	Czech	Karolinska Institute, Stockholm, Sweden	Masaryk University, Brno, Czech Republic	Wnt pathway activation
Çelik, Arzu	Turkish	New York University, USA	Bogazici University, Istanbul, Turkey	Photoreceptor differentiation
Dobrzyń, Agnieszka	Polish	University of Wisconsin-Madison, USA	Nencki Institute of Experimental Biology, Warsaw, Poland	Lipid-induced insulin resistance
Pál, Csaba	Hungarian	University of Oxford, UK	Biological Research Center, Szeged, Hungary	Evolutionary systems biology
Reményi, Attila	Hungarian	University of California, San Francisco, USA	Eötvös Lorand University, Budapest, Hungary	Protein-protein interactions
Vaňáčova, Štěpánka	Czech	Biozentrum, Basel, Switzerland	Masaryk University, Brno, Czech Republic	Nuclear RNA quality control
Veiga-Fernandes, Henrique	Portuguese	NIMR, London, UK	Molecular Medicine Institute (IMM), Lisbon, Portugal	Lymphocyte development
Yaman, İbrahim	Turkish	Case Western Reserve University, Cleveland, USA	Marmara Research Center, Gebze, Turkey	Ochratoxin A carcinogenicity
Žagrović, Bojan	Croatian	ETH Zurich, Switzerland	Mediterranean Institute for Life Sciences (MedILS), Split, Croatia	Molecular structure and dynamics

EMBO young investigators 2000–2006

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

EMBO young investigators 2000–2006 (cont.)

Marin, Oscar	Pierre, Philippe	T Taipale, Jussi
Marine, Jean-Christophe	Pilpel, Yitzhak	Tamagnone, Luca
Martin-Bermudo, Maria Dolores	Poirazi, Panayiota	Tanaka, Tomoyuki
Mattevi, Andrea	Posas, Francesc	Tavernarakis, Nektarios
Mehlen, Patrick	R Radtke, Freddy	Teichmann, Sarah
Meier, Pascal	Reich, Ziv	Telford, Maximilian
Mitchell, Kevin	Rescigno, Maria	Therond, Pascal
Møller, Simon Geir	Robinson, Robert	Trouche, Didier
Mosialos, George	Rodriguez, Ivan	Trumpp, Andreas
Mota, Maria	Rouse, John	Tsiantis, Miltos
Musacchio, Andrea	S Salecker, Iris	Tuschl, Thomas
N Nagy, Laszlo	Santos, Manuel	U Uhlmann, Frank
Nehrbass, Ulf	Saudou, Frédéric	Ulrich, Helle
Neuhauss, Stephan	Schärer, Orlando	Ungermann, Christian
Nichols, Benjamin	Schedl, Andreas	V van Aalten, Daan
Nissen, Poul	Schleper, Christa	Van den Ackerveken, Guido
Noselli, Stephane	Schlötterer, Christian	van der Goot, Gisou
O Oldroyd, Giles	Schneitz, Kay	van Steensel, Bas
Otzen, Daniel	Schübeler, Dirk	Vinkemeier, Uwe
Owen, David	Schwappach, Blanche	Viola, Antonella
Owen-Hughes, Tom	Scorrano, Luca	Voinnet, Olivier
Oxenius, Annette	Sourjik, Victor	W Wimmer, Ernst
P Palková, Zdena	Spahn, Christian	Wutz, Anton
Palmer, Ruth	Spang, Anne	Z Zeeman, Samuel
Pasero, Philippe	Stancheva, Irina	Zernicka-Goetz, Magdalena
Peeper, Daniel	Stock, Daniela	
Pellizzoni, Livio	Sträßer, Katja	
Peracchi, Alessio	Strick, Terence	
Perrakis, Anastassis	Stumpf, Michael	
Peters, Jan-Michael	Suomalainen-Wartiovaara, Anu	
Philpott, Dana	Szabò, Ildikò	

applications and
awards 2000–2007

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

* Estonia joined
the EMBC in 2006

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

	average	general statistics for all young investigators upon selection 2000–2007
age	34.8	
post-doctoral years	4.7	
total number of publications	21	
last-author publications	3.4	
first-author publications	9.3	

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

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

young investigator lectures 2007	Strick, Terence	Young Japanese Researcher Meeting	JP–Tokyo	10–11 January
	Strick, Terence	43rd Annual Contact Meeting of the Norwegian Biochemical Society	NO–Lillehammer	1–4 February
	Allain, Frederic	Advances in structural biology and structure prediction	IN–Hyderabad	23–25 February
	Tsiantis, Miltos	Speciation and adaptation – ecological genomics of model organisms and beyond	JP–Okazaki and Kakegawa	11–16 March
	Friml, Jiri	Plant cell biology	US–Coeur d’Alene	23–28 March
	Møller, Simon Geir	Origin and evolution of mitochondria and chloroplasts	IT–Maratea	24–29 March
	Bertolotti, Anne	Protein misfolding and aggregation in ageing and disease	FR–Roscoff	11–15 April
	Batista, Facundo	Fibronectin, integrins and related molecules	IT–Ciocco	22–27 April
	Ivaska, Johanna	Fibronectin, integrins and related molecules	IT–Ciocco	22–27 April
	Hassan, Bassem	Visual processing in insects: from anatomy to behavior	US–Ashburn	29 April–2 May
	Voinnet, Olivier	EMBO Conference Series on Chromatin and Epigenetics	DE–Heidelberg	3–6 May
	Viola, Antonella	Immunology 2007 – 94th Annual Meeting of the AAI	US–Miami Beach, Florida	18–22 May
	Agami, Reuven	Microsymposium on small RNAs	AT–Vienna	21–23 May
	Batista, Facundo	EMBO Conference Series on Signalling in the Immune System	IT–Siena	24–28 May
Batista, Facundo	37th Annual Meeting of the Scandinavian Society of Immunology	FI–Turku	6–9 June	
Agami, Reuven	Keystone Symposia on microRNA and Cancer	US–Keystone	8–12 June	

young investigator lectures 2007 <i>(cont.)</i>	Chiti, Fabrizio	EMBO Conference Series on Protein Folding and Chaperones in Biology	PT – Tomar	9 – 14 June
	Lecuit, Thomas	Gordon Research Conference on Developmental Biology	US – Andover	24 – 29 June
	Poirazi, Panayiota	Workshop on quantitative neuron modelling: predicting every spike?	CH – Lausanne	25 – 26 June
	Einsle, Oliver	Gordon Research Conference on Molybdenum and Tungsten Enzymes	US – New London	1 – 6 July
	Voinnet, Olivier	32nd FEBS Congress: Molecular Machines	AT – Vienna	7 – 12 July
	Behrens, Axel	32nd FEBS Congress: Molecular Machines	AT – Vienna	7 – 12 July
	Dutzler, Raimund	32nd FEBS Congress: Molecular Machines	AT – Vienna	7 – 12 July
	Agami, Reuven	32nd FEBS Congress: Molecular Machines	AT – Vienna	7 – 12 July
	Chiti, Fabrizio	32nd FEBS Congress: Molecular Machines	AT – Vienna	7 – 12 July
	Spahn, Christian	32nd FEBS Congress: Molecular Machines	AT – Vienna	7 – 12 July
	Rescigno, Maria	The 13th International Congress of Mucosal Immunology (ICMI)	JP – Tokyo	9 – 12 July
	Einsle, Oliver	13th International Conference on Biological Inorganic Chemistry	AT – Vienna	15 – 20 July
	Tsiantis, Miltos	19th International Plant Growth Substances Association Meeting	MX – Puerto Vallarta	21 – 25 July
	Boutros, Michael	Microbial adhesion & signal transduction	US – Newport	22 – 27 July
Teichmann, Sarah	Structural, functional and evolutionary genomics	UK – Hinxton	29 July – 3 August	

young investigator lectures 2007 (<i>cont.</i>)	Beja, Oded	Structural, functional and evolutionary genomics	UK–Hinxton	29 July–3 August
	Taipale, Jussi	Structural, functional and evolutionary genomics	UK–Hinxton	29 July–3 August
	Voinnet, Olivier	Gordon Research Conference on Epigenetics 2007	US–Holderness	5–10 August
	Scorrano, Luca	Assembly of the Mitochondrial Respiratory Chain	US–Tucson	5–10 August
	Ben-Yehuda, Sigal	Gordon Research Conference on Chromosome Dynamics	US–Biddeford	12–17 August
	Schübeler, Dirk	16th International Chromosome Conference	NL–Amsterdam	25–29 August
	Taipale, Jussi	ELSO 2007	DE–Dresden	1–4 September
	Del Pozo, Miguel A.	ELSO 2007	DE–Dresden	1–4 September
	Ivaska, Johanna	ELSO 2007	DE–Dresden	1–4 September
	Baum, Buzz	ELSO 2007	DE–Dresden	1–4 September
	Boutros, Michael	20th European Drosophila Research Conference (EDRC) 2007	AT–Vienna	12–14 September
	Lecuit, Thomas	20th European Drosophila Research Conference (EDRC) 2007	AT–Vienna	12–14 September
	Peeper, Daniel	21st World Congress of Dermatology	AR–Buenos Aires	30 September – 5 October
	Batista, Facundo	5th International Antigen Processing and Presentation Workshop 2007	AU–Dunk Island	7–11 October

young investigator lectures 2007 (cont.)	Martínez, Javier	Combined Meetings: <i>Gene Expression and RNA Processing</i> and <i>Cell Biology, Signalling and</i> <i>Alternative Splicing</i>	AR–Rio Negro	26–30 November
	Batista, Facundo	37th Annual Scientific Meeting of the Australasian Society for Immunology (ASI2007)	AU–Sydney	2–6 December

practical courses 2007 Europe (EMBC)	Mass spectrometry and proteomics	O. Nørregaard Jensen	DK–Odense	15–20 April
	High-throughput microscopy for systems biology	J. Ellenberg	DE–Heidelberg	30 April–5 May
	RNAi	J. Taipale	DE–Heidelberg	6–13 June
	Tissue microarray construction and image analysis	W. Gallagher	IE–Dublin	11–15 June
	Light microscopy in living cells	N. Moreno	PT–Oeiras	14–22 June
	Microinjection and detection of probes in cells	R. Pepperkok	DE–Heidelberg	17–23 June
	Exploiting anomalous scattering in macromolecular structure determination	C. Müller-Dieckmann	FR–Grenoble	18–22 June
	High-throughput protein production and crystallization	R. Owens	UK–Oxford	20–28 June
	Quantification of target sequences by qPCR	V. Benes	DE–Heidelberg	23–28 June
	Structure determination of biological macromolecules by solution NMR	S. Grzesiek	CH–Basel	7–13 July
	Animal models for development, physiology and disease	V. Cunliffe	UK–Sheffield	16–28 July
	Shotgun proteomics	J. Thomas	UK–York	23–26 July
	Methods in cell biology: exploring the dynamics of cellular organisation	F. Nedelec	DE–Heidelberg	22–31 August
	SNP genotyping and genome-wide association	L. Peltonen	FI–Helsinki	27 August–1 September
	Chromatin immunoprecipitation and related techniques	F. Gannon	DE–Heidelberg	2–7 September
Image processing for cryo-electron microscopy	E. Orlova	UK–London	10–20 September	

practical courses 2007 Europe (EMBC) <i>cont.</i>	Studying cytoskeletal dynamics: from biology to physics	M-F. Carlier	FR – Gif-sur-Yvette	24 September – 4 October
	Advanced analysis and informatics of microarray data	A. Brazma	UK – Cambridge	15 – 19 October
practical courses 2007 outside Europe	Molecular immunology of protozoan infections	J. Raats	AR – Buenos Aires	17 – 28 March
	Bioinformatics and comparative genome analysis	F. Tekaia	TN – Tunis	18 March – 7 April
	Comparative genomics	A. Dávila	BR – Rio de Janeiro	8 – 14 April
	Imaging in 3-D and the F-techniques	S. Ahmed	SG – Singapore	17 – 29 June
	Electron microscopy and stereology in cell biology	G. Griffiths	SG – Singapore	20 – 30 June
	DNA microarray	P. Vincent	IN – Tamilnadu	11 – 16 August
	Computational biology: from genomes to cells and ecosystems	P. Bork	MX – Cancun	20 – 26 August
Calcium and the cytoskeleton	J. Sotelo	UY – Montevideo	29 October – 9 November	
lecture courses 2007 Europe (EMBC) (EMBO-FEBS)	Cellular and molecular biology of membranes	A. Pugsley	FR – Cargese	18 – 29 June
	Molecular mechanisms in signal transduction and cancer	J. Bos	GR – Spetses	15 – 24 August
workshops 2007 Europe (EMBC)	Membrane traffic in the secretory pathway	S. Tooze	AT – Goldegg am See	9 – 14 January
	Pathogens and diseases meet the immune system	P. Pierre	FR – Marseille	10 – 13 January
	Viral RNA: structure, function and targeting	M. Sattler	DE – Heidelberg	5 – 7 March

workshops 2007 Europe (EMBC) <i>cont.</i>	The role and control of GATA factors in tissue development and disease	R. Patient	IT–Capri	14–17 April
	The molecular biology and biochemistry of septins and septin function	Y. Barral	CH–Monte Verità	6–10 May
	Molecular biodiversity and DNA barcode	C. Saccone	IT–Rome	17–19 May
	Intrinsically unfolded proteins: biophysical characterisation and biological significance	P. Tompa	HU–Budapest	20–24 May
	Plant DNA repair and recombination	A. Levy	FR–Presqu’île de Giens	31 May–3 June
	DNA supercoiling and topoisomerases	N. Dekker	FR–Frejus	17–22 June
	The chemistry and biochemistry of catalysis by biological systems	R. Wierenga	DE–Hamburg	20–22 June
	Intracellular RNA localization and localized translation	A. Ephrussi	IT–Il Ciocco	1–7 July
	Model systems for infectious disease and cancer in zebrafish	H. Spaink	NL–Leiden	16–18 July
	EMBO Molecular Medicine Workshop: drug action and chemical biology in the post-genomic era	G. Superti-Furga	AT–Vienna	23–26 August
	New methods in membrane protein research	G. von Heijne	SE–Stockholm	24–26 August
	RNA viruses: replication, evolution and drug design	K. Dijnovic	AT–Vienna	27–30 August
	Current challenges and problems in phylogenetics	V. Moulton	UK–Cambridge	3–7 September
	EMT in development and disease	K. Verschueren	PL–Krakow	10–12 September
Endocytic systems: mechanism and function	H. Riezman	CH–Les Diableretes	18–23 September	
Common regulatory mechanisms in haemopoiesis and neurogenesis	D. Kioussis	DE–Heidelberg	3–5 October	

workshops 2007 Europe (EMBC) <i>cont.</i>	Molecular mechanisms of cell cycle control in normal and malignant cells	C. Sekeris	GR–Spetses	5–8 October
	<i>Escherichia coli</i> – facets of a versatile pathogen	J. Hacker	DE–Bad Staffelstein	9–12 October
	EMBO Members Workshop: Frontiers of molecular biology	H. Bujard	ES–Barcelona	26–29 October
	Mechanisms of nucleocytoplasmic transport	E. Hurt	IT–Sicily	27–31 October
	Glycoscience and development	T. Merry	FR–Lille	9–13 December
workshops 2007 outside Europe	8th European meiosis meeting	M. Yamamoto	JP–Kanagawa	13–18 September
conference series 2007 Europe (EMBC)	Pre mRNA processing and disease	F. Baralle	IT–Cortina d’Ampezzo	14–17 January
	From basic genomics to systems biology	D. Inzé	BE–Ghent	2–4 May
	Nuclear receptors: structure and function in health and disease	T. Perlmann	IT–Gardone	2–5 May
	Chromatin and epigenetics	A. Akhtar	DE–Heidelberg	3–7 May
	Molecular and cellular mechanisms of immune regulation	P. Ricciardi-Castagnoli	IT–Sardinia	7–12 May
	Lymphocyte antigen receptor and coreceptor signalling	C. Baldari	IT–Siena	24–28 May
	Protein folding and chaperones in biology	U. Hartl	PT–Tomar	9–14 June
	Protein phosphatases in health and disease	E. da Cruz e Silva	PT–Aveiro	24–28 July
	Nuclear structure and dynamics	G. Cavalli	FR–Montpellier	1–5 September

conference series 2007 Europe (EMBC) <i>cont.</i>	Protein synthesis and translational control	M. Hentze	DE – Heidelberg	12 – 16 September
	Ubiquitin and ubiquitin-like modifiers	T. Sommer	IT – Riva del Garda	22 – 26 September
	The assembly and function of neuronal circuits	P. Caroni	CH – Ascona	23 – 28 September
	Advances in stem cell research	U. Lendahl	SE – Stockholm	12 – 14 October
	Genetics and mechanisms of susceptibility to infectious diseases	M. Yaniv	FR – Paris	21 – 24 November
joint EMBO-ESF symposia 2007	Biological surfaces and interfaces	M. Textor	ES – Sant Feliu de Guixols	1 – 6 July
	Biomagnetism and magnetic biosystems based on molecular recognition processes	J. Bland	ES – Sant Feliu de Guixols	22 – 27 September
	Three dimensional sensory and motor space	J. Smeets	ES – Sant Feliu de Guixols	6 – 11 October
	Comparative genomics of eukaryotic microorganisms	E. Louis	ES – Sant Feliu de Guixols	20 – 25 October
	Probing interactions between nanoparticles/ biomaterials and biological systems - alternative approaches to biotoxicity	K. Dawson	ES – Sant Feliu de Guixols	3 – 8 November

plenary lectures 2007 Europe (EMBC)	Simons, Kai	Contact Meeting of the Norwegian Biochemical Society	NO–Lillehammer	31 January–4 February
	zur Hausen, Harald	4th International Workshop on the Structural Biology of Small DNA Viruses	IT–Pontignano	11–16 May
	Grosveld, Frank	2007 Gordon Research Conference on Red Cells	FR–Aussais	20–25 May
	Schibler, Ueli	15th International Course on Cytochromes P450	SI–Bled	17–21 June
	de Lange, Titia	32rd FEBS Congress 2007: Molecular Machines	AT–Vienna	7–12 July
	Tsien, Roger	Life Sciences 2007	UK–Glasgow	8–12 July
	Ellis, John	2nd World Conference of Stress	HU–Budapest	23–26 August
	Pääbo, Svante	5th ISABS Conference in Forensic Genetics and Molecular Anthropology	HR–Split	3–7 September
	Gray, John	10th International Colloquium on Endocytobiology and Symbiosis	AT–Gmunden	10–13 September
	Partridge, Linda	EDRC 2007: European Drosophila Research Conference	AT–Vienna	12–14 September
	Nusse, Roel	Wnt Signalling in Development and Disease	DE–Berlin	12–15 September
	Axel, Richard	From Molecules to Cognition: A Tribute to Jean-Pierre Changeux	FR–Paris	17–19 September
	Pavelić, Krešimir	7th Meeting of the Slovenian Biochemical Society	SI–Maribor	26–29 September
	Reik, Wolf	FISV, IX Annual Congress 2007	IT–Riva del Garda	26–29 September
Proudfoot, Nick	RNA Polymerase I Transcription	DE–Regensburg	4–7 October	
Ciechanover, Aaron	IPS 2007: 5th General Meeting of the International Proteolysis Society	GR–Patras	20–24 October	

plenary lectures 2007 Europe (EMBC) <i>cont.</i>	Hynes, Nancy	Molecular biology of cancer: transition of basic research to medical care	DK–Fyn	22–24 October
	Harrison, Stephen	9th EMBL PhD Symposium: Patterns in biology	DE–Heidelberg	25–27 October
plenary lectures 2007 outside Europe	Watt, Fiona	The Hunter Cellular Biology Meeting	AU–Hunter Valley	20–23 March
	Soreq, Hermona	The IXth International Meeting on Cholinesterases	CN–Suzhou	6–10 May
	Robertson, Elizabeth	Gordon Conference on Development Biology	US–Andover	24–29 June
	Ferguson, Mike	XIX International Symposium on Glycoconjugates	AU–Cairns	15–20 July
	Paz-Ares, Javier	19th International Plant Growth Substances Association Meeting	MX–Puerto Vallarta	21–25 July
	Wüthrich, Kurt	6th International Conference of Biological Physics	UY–Montevideo	23–30 August
	Walker, John	16th Queenstown Molecular Biology Meeting	NZ–Queenstown	29 August – 1 September
	Errington, Jeff	XLIII Annual Meeting of the Argentine Society for Biochemistry and Molecular Biology	AR–Buenos Aires	17–20 November

participation of women in EMBO activities

EMBO membership	EMBO members	% women
2001	1092	12.9
2002	1126	13.1
2003	1162	13.3
2004	1191	13.7
2005	1223	13.8
2006	1261	13.9
2007	1305	14.3

EMBO courses & workshops	% female participants	% female speakers	
2001	practical courses	44	23
	workshops	40	26
	lecture courses	63	20
2002	practical courses	51	23
	workshops	39	25
	lecture courses	58	19
2003	practical courses	49	22
	workshops	41	24
	lecture courses	48	13
2004	practical courses	56	27
	workshops	40	25
	conferences	40	21
	lecture courses	50	29
2005	practical courses	53	27
	workshops	41	22
	conferences	40	26
	lecture courses	60	25
2006	practical courses	45	22
	workshops	45	24
	conferences	45	43
	lecture courses	52	20
2007	practical courses	52	28
	workshops	39	25
	conferences	40	22
	lecture courses	65	18

participation of women in EMBO activities: statistics

participation of women in EMBO activities (cont.)

EMBO long-term fellowships		applications	awards	% success rate
1996–2001	female applicants	1914 (40.8%)	347 (35.0%)	18.1
	male applicants	2772 (59.2%)	644 (65.0%)	23.2
	total	4686	991	21.1
2002	female applicants	347 (43.4%)	68 (40.5%)	19.5
	male applicants	453 (56.6%)	100 (59.5%)	22.1
	total	800	168	21.0
2003	female applicants	469 (43.4%)	64 (36.4%)	13.6
	male applicants	611 (56.6%)	112 (63.6%)	18.3
	total	1080	176	16.3
2004	female applicants	533 (46.9%)	65 (39.9%)	12.2
	male applicants	604 (53.1%)	98 (60.1%)	16.2
	total	1137	163	14.3
2005	female applicants	589 (47.7%)	89 (44.9%)	15.1
	male applicants	647 (52.3%)	109 (55.1%)	16.8
	total	1236	198	16.0
2006	female applicants	593 (48.1%)	87 (39.2%)	14.7
	male applicants	639 (51.9%)	135 (60.8%)	21.1
	total	1232	222	18.0
2007	female applicants	582 (45.2%)	82 (38.7%)	14.1
	male applicants	706 (54.8%)	130 (61.3%)	18.4
	total	1288	212	16.5
1996–2007	female applicants	5027 (43.8%)	802 (37.6%)	15.9
	male applicants	6437 (56.2%)	1326 (62.4%)	20.6
	total	11464	2128	18.6

participation of women in EMBO activities (cont.)

EMBO short-term fellowships		applications	awards	% success rate
2001	female applicants	130 (55.8%)	70 (56.5%)	53.8
	male applicants	103 (44.2%)	54 (43.5%)	52.4
	total	233	124	53.2
2002	female applicants	148 (53.4%)	81 (53.3%)	54.7
	male applicants	129 (46.6%)	71 (46.7%)	55.0
	total	277	152	54.9
2003	female applicants	139 (53.7%)	72 (52.2%)	51.8
	male applicants	120 (46.3%)	66 (47.8%)	55.0
	total	259	138	53.3
2004	female applicants	161 (53.7%)	84 (52.2%)	52.2
	male applicants	140 (46.3%)	83 (47.8%)	59.3
	total	301	167	55.5
2005	female applicants	190 (49.6%)	88 (44.0%)	46.3
	male applicants	193 (50.4%)	112 (56.0%)	58.0
	total	383	200	52.2
2006	female applicants	203 (51.7%)	99 (51.0%)	48.7
	male applicants	190 (48.3%)	95 (49.0%)	50.0
	total	393	194	49.3
2007	female applicants	212 (51.8%)	117 (55.5%)	55.2
	male applicants	197 (48.2%)	94 (44.5%)	47.7
	total	409	211	47.2
2001–2007	female applicants	1184 (52.7%)	612 (50.6%)	51.7
	male applicants	1070 (47.3%)	583 (49.4%)	54.5
	total	2254	1195	53.0

participation of women in EMBO activities: statistics

participation of women in EMBO activities *(cont.)*

EMBO young investigators		applications	awards	% success rate
2000–2001	female applicants	138 (24.4%)	17 (21.8%)	12.3
	male applicants	427 (75.6%)	61 (78.2%)	14.3
	total	565	78	13.8
2002	female applicants	45 (26.8%)	4 (17.4%)	8.9
	male applicants	123 (73.2%)	19 (82.6%)	15.4
	total	168	23	13.8
2003	female applicants	47 (28.8%)	7 (33.3%)	14.8
	male applicants	116 (71.2%)	14 (66.7%)	12.1
	total	163	21	12.8
2004	female applicants	38 (22.1%)	4 (20.0%)	10.5
	male applicants	134 (77.9%)	16 (80.0%)	11.9
	total	172	20	11.6
2005	female applicants	32 (25.0%)	2 (11.8%)	6.3
	male applicants	96 (75.0%)	15 (88.2%)	15.6
	total	128	17	13.3
2006	female applicants	32 (20.9%)	6 (28.6%)	18.7
	male applicants	121 (79.1%)	15 (71.4%)	12.4
	total	153	21	13.7
2007	female applicants	37 (28.0%)	3 (16.7%)	8.1
	male applicants	95 (72.0%)	15 (83.3%)	15.8
	total	132	18	13.6
2000–2007	female applicants	369 (24.9%)	43 (21.7%)	11.6
	male applicants	1111 (75.1%)	155 (78.3%)	14.0
	total	1480	198	13.4

participation of women in EMBO activities (cont.)

EMBO installation grantees		applications	awards	% success rate
2006	female applicants	28 (37.8%)	1 (10.0%)	3.6
	male applicants	46 (62.2%)	9 (90.0%)	19.6
	total	74	10	13.5
2007	female applicants	17 (37.8%)	3 (33.3%)	17.6
	male applicants	41 (62.2%)	6 (66.7%)	14.6
	total	58	9	15.5



Eilish Craddock (left), personal secretary to Hermann Bujard, and
Zsuzsanna O'Donoghue (right), Administrator in the Executive Director's office

Executive Director	Hermann Bujard * Frank Gannon ‡	EMBO Executive Director (from July 2007) EMBO Executive Director (until June 2007)	hermann.bujard@embo.org
Executive Director's Office	Eilish Craddock Zsuzsanna O'Donoghue * Joan Winter ‡	Personal Secretary to the Executive Director Administrator Administrator	eilish.craddock@embo.org odonoghue@embo.org
EMBC	Gitta Bourke	Administrator	gitta.bourke@embo.org
EMBO Council and Membership	Valeria Kaplan Claudia Hagedorn ‡	Administrator Administrator	valeria.kaplan@embo.org
Courses & Workshops Programme, World Activities and Plenary Lectures (courses_workshops@embo.org)	Maria Barbosa * Anne Seller Lynne Turnbull Mary Gannon ‡ Marion Poth ‡	Programme Manager Administrator Administrator, Online HelpDesk Programme Manager Administrator	maria.barbosa@embo.org anne.seller@embo.org lynne.turnbull@embo.org
Electronic Information Programme (eip@embo.org)	Les Grivell Anne Seller Ole Hansen Patricia Codyre Sabine Rehberger-Schneider Laura Cortesi	Programme Manager Administrator Technical Officer Communications Officer (Web) Life Sciences Mobility Consultant EMBO fellowsNet"	les.grivell@embo.org anne.seller@embo.org ole.hansen@embo.org patricia.codyre@embo.org sabine.schneider@embo.org laura.cortesi@embo.org
Fellowship Programme (fellowships@embo.org)	Jan Taplick Liselott Maidment Agnès Visser-de Matteis	Programme Manager Administrator, Long-term fellowships Administrator, Short-term fellowships	jan.taplick@embo.org liselott.maidment@embo.org matteis@embo.org
Science & Society Programme (scisoc@embo.org)	Andrew Moore Alessandra Bendiscioli	Programme Manager Administrator	andrew.moore@embo.org bendisci@embo.org
Young Investigator Programme, Installation Grants and Women in Science (yip@embo.org)	Gerlind Wallon Kim Krynauw Anna Ledin ‡	Programme Manager Administrator Administrator, Women in Science	gerlind.wallon@embo.org kim.krynauw@embo.org
Finances	Bernhard Huber Bärbel Traut-Laur	Financial Manager Administrator	bernhard.huber@embo.org baerbel.laur@embo.org

* started at EMBO in 2007

‡ left EMBO in 2007

staff in Heidelberg



Kerstin Hiester

organises travel at EMBO
and assists with meetings.



Seán Bourke

welcomes visitors at the EMBO reception desk and
takes care of building matters.

The EMBO Journal (contact@embojournal.org)	Pernille Rørth	Executive Editor	embojournal@embo.org	
	Frank Gannon	Associate Editor	embojournal@embo.org	
	Isabel Arnold	Editor	embojournal@embo.org	
	Karin Dumstrei	Editor	embojournal@embo.org	
	Stan Gorski *	Editor	embojournal@embo.org	
	Thomas Lemberger	Editor (also Molecular Systems Biology)	embojournal@embo.org	
	Thomas Schwarz-Romond	Editor	embojournal@embo.org	
	Hartmut Vodermaier	Editor	embojournal@embo.org	
	Jana Christopher	Editorial Assistant	embojournal@embo.org	
	Fiona Panayi	Editorial Assistant	embojournal@embo.org	
	Meryl Schneider *	Editorial Assistant	embojournal@embo.org	
	Gerlinde Schuster *	Editorial Assistant	embojournal@embo.org	
	EMBO reports (emboreports@emboreports.org)	Frank Gannon	Senior Editor	emboreports@embo.org
		Les Grivell	Associate Editor	emboreports@embo.org
		Holger Breithaupt	Science & Society Editor	emboreports@embo.org
		Sandra Caldeira	Scientific Reports Editor	emboreports@embo.org
		Samuel Caddick (Co-ordinator)*	Assistant Editor	emboreports@embo.org
Nonia Pariente *		Reviews Editor	emboreports@embo.org	
Uta Mackensen		Graphics Editor	emboreports@embo.org	
Susanne Hofner-Harris		Editorial Assistant	emboreports@embo.org	
Valeria Kaplan		Editorial Assistant	emboreports@embo.org	
Caroline Hadley ‡		Assistant Editor	emboreports@embo.org	
Susan Owens ‡		Reviews Editor	emboreports@embo.org	
Molecular Systems Biology (msb@embo.org)	Thomas Lemberger	Editor	msb@embo.org	
	Les Grivell	Associate Editor	msb@embo.org	
	Frank Gannon	Associate Editor	msb@embo.org	
	Jana Christopher	Editorial Assistant	msb@embo.org	
Communications (communications@embo.org)	Suzanne Beveridge *	Chief Communications Officer	suzanne.beveridge@embo.org	
	Anne Seller	Administrator	anne.seller@embo.org	
	Uta Mackensen	Graphic Designer	uta.mackensen@embo.org	
	Lindsay Johnson ‡	Chief Communications Officer	lindsay.johnson@embo.org	
IT	Volker Wiersdorff	IT Administrator	volker.wiersdorff@embo.org	
Reception and Building Maintenance	Seán Bourke	Administrator	sean.bourke@embo.org	
Meetings and Travel Arrangements	Kerstin Hiester	Administrator	kerstin.hiester@embo.org	
European Life Sciences Forum (ELSF)	Luc Van Dyck	Executive Co-ordinator ELSF	luc.vandyck@elsf.org	

EVENTS

2008



practical courses 2008 Europe/EMBC	pages 136–137
practical courses 2008 outside Europe	page 137
lecture courses 2008 outside Europe	page 137
workshops 2008 Europe/EMBC	pages 137–138
workshops 2008 outside Europe	page 138
conference series 2008	pages 138–139
conference series 2008 2nd in a series	pages 139
EMBO-ESF symposia 2008	page 139
other EMBO events 2008	pages 140–141

practical courses 2008 Europe (EMBC)	Combination of electron microscopy and x-ray crystallography	J. Navaza	FR–Gif-sur-Yvette	17–24 February
	High-throughput microRNA profiling	V. Benes	DE–Heidelberg	6–11 April
	Computational RNA biology	K. Nieselt	FR–Corsica	14–20 April
	Structural characterisation of macromolecular complexes	C. Petosa	FR–Grenoble	2–7 June
	Tissue and protein microarrays: from construction to image analysis	W. Gallagher	IE–Dublin	9–14 June
	High-throughput RNAi	M. Boutros	DE–Heidelberg	13–18 June
	3-D developmental imaging	G. Martins	PT–Oeiras	23 June–1 July
	Molecular approaches to evolution and development in co-operation with ZONNET (Marie Curie Research Training Network)	D. Arendt	SE–Fiskebaeckskil	30 June–12 July
	Biomolecular simulation	M. Nilges	FR–Paris	1–8 July
	Advanced cytometry and cell sorting	A. Thiel	DE–Berlin	6–11 July
	Multi-dimensional NMR in structural biology	C. Griesinger	IT–Il Ciocco	3–8 August
	Cell biology of host–pathogens interactions	J. Pizarro-Cerda	FR–Paris	18–29 August
	Electron microscopy and stereology in cell biology	J. Nebesarova	CZ–Ceske Budejovice	20–29 August
	Cryo-electron microscopy and 3-D image analysis	B. Böttcher	DE–Heidelberg	24–31 August
	Protein expression, purification and crystallisation (PEPC-6)	J. Müller-Dieckmann	DE–Hamburg	1–9 September
	Anatomy and embryology of the mouse	A. Marusic	HR–Zagreb	6–14 September
Transient kinetics methods applied to biological macromolecules	M. Geeves	UK–Canterbury	7–13 September	
Ubiquitin and SUMO	F. Melchior	HR–Split	12–19 September	

practical courses 2008 Europe (EMBC) <i>cont.</i>	X-ray crystal structure determination of macromolecules	R. Meijers	FR–Saint Aubin	14–20 September
	Computational aspects of the protein target selection, protein production management and structure analysis pipeline	K. Henrick	UK–Hinxtton	22–26 September
	Differential proteomics: from 2-D gel electrophoresis to mass spectrometry	T. Franz	DE–Heidelberg	6–10 October
	Docking predictions of protein–protein interactions	J. Janin	ES–Barcelona	14–17 October
	Solution scattering from biological macromolecules	D. Svergun	DE–Hamburg	19–26 October
practical courses 2008 outside Europe	Advanced methods in reconstructing molecular phylogenetic relationships	M. Embley	BR–Rio de Janeiro	3–9 March
	Advanced course on bioinformatics and comparative genome analysis	F. Tekaia	BR–Florianopolis	30 June–12 July
	Computational biology: from genomes to cells and systems	P. Bork	SG–Singapore	10–17 August
	Structure determination of biological macromolecules by solution NMR	M. Sattler	CN–Beijing	8–15 September
	Genetics of laboratory rodents	M. Crispo	UY–Montevideo	24 November–6 December
lecture courses 2008 outside Europe	Molecular and cellular basis of infection	I. Parker	ZA–Cape Town	1–9 March
	Recent developments in macromolecular crystallography	M. Weiss	IN–Pune	9–14 November
workshops 2008 Europe (EMBC)	Semaphorin function and mechanisms of action	A. Chedotal	FR–Cernay-La-Ville	8–11 May
	Cell and molecular biology of <i>Chlamydomonas</i>	M. Goldschmidt-Clermont	FR–Hyeres-les-Palmiers	27 May–1 June

workshops 2008 Europe (EMBC) <i>cont.</i>	Microbial diversity and metagenomics: science, technology, applications and regulatory affairs	C. Ouzounis	GR–Chalkidiki	21–24 June
	Gene transcription in yeast	M. Collart	ES–Sant Feliu de Guixols	21–26 June
	The nucleolus and disease	J. Hiscox	UK–Derby	23–25 June
	MHC Class I molecules at the interface between biology and medicine	F. Arosa	PT–Porto	4–6 July
	EMBO Members Workshop: Frontiers of Molecular Biology	H. Jacobs	FI–Tampere	5–8 September
	Cytotoxicity, cell death and the immune system	A. Anel	ES–Zaragoza	17–20 September
	Polo-like kinases: from the fly to the clinic 20 years onwards	C. Sunkel	PT–Porto	24–27 September
	Chromosome segregation: centromeres and kinetochores	R. Allshire	FR–Arcachon	27 September–2 October
	Evolutionary and environmental genomics of yeasts	L. Steinmetz	DE–Heidelberg	1–5 October
	Can epigenetics influence reprogramming and metastatic progression?	U. Rapp	DE–Bad Staffelstein	6–9 October
The NF- κ B network in development and disease	MV. Ursini	IT–Capri	18–21 October	
workshops 2008 outside Europe	Parental genomic imprinting	F. Berger	SG–Singapore	21–24 September
conference series 2008 Europe (EMBC)	Genomes 2008: Functional genomics of microorganisms	C. Buchrieser	FR–Paris	8–11 April
	Cellular signalling and molecular medicine	I. Đikić	HR–Dubrovnik	29 May–4 June
	Replication and segregation of chromosomes	E. Boye	NO–Geilo	16–20 June

conference series 2008 Europe (EMBC) <i>cont.</i>	Centrosomes and spindle pole bodies	M. Knop	DE–Heidelberg	12–16 September
	Telomeres and the DNA damage response	J. Cooper	CH–Villars–sur–Ollon	15–19 September
	The molecular and cellular mechanisms regulating skeletal muscle development and regeneration	P. Munoz-Canoves	ES–Sant Feliu de Guixols	24–29 September
	From functional genomics to systems biology	E. Furlong	DE–Heidelberg	15–18 November
conference series 2008 (2nd in a series) Europe (EMBC)	Recombination mechanisms	M. Foiani	IT–Il Ciocco	19–23 May
	RNA and disease: RNA metabolism and associated pathologies	C. Bagni	IT–Rome	31 May–5 June
	The molecular and developmental biology of <i>Drosophila</i>	T. Kaufman	GR–Crete	22–29 June
	At the joint edge of cellular microbiology and cell biology	G. van der Goot	CH–Villars–sur–Ollon	20–25 September
	Molecular and cellular basis of regeneration and tissue repair	E. Amaya	ES–Mallorca	5–10 October
joint EMBO-ESF symposia 2008	Molecular bioenergetics of cyanobacteria: towards systems biology level of understanding	EM. Aro	ES–Sant Feliu de Guixols	29 March–3 April
	Antiviral applications of RNA interference	J. Kurreck	ES–Sant Feliu de Guixols	5–10 April
	B cells 2008: complexity, integration & translation	J. Gordon	ES–Sant Feliu de Guixols	16–21 May
	Bacterial Networks (BACNET08)	M. Buttner	ES–Sant Feliu de Guixols	13–18 September
	Protein design and evolution for biocatalysis	J. Damborsky	ES–Sant Feliu de Guixols	25–30 October

membership	EMBO Members Workshop: Frontiers of Molecular Biology	H. Jacobs	FI – Tampere	5–8 September
fellowship programme	Fellows Meeting	J. Taplick A. Visser-de Matteis	DE – Heidelberg (EMBL)	12–15 June
	US Fellows Meeting	J. Taplick L. Maidment	US – Boston	7–9 November
science & society programme	EMBO Media Workshop	A. Moore A. Bendiscioli	DE – Heidelberg (EMBL)	13 June
	Media Communication session at ESOF: <i>Get proactive! – An interactive session on taking the initiative in public communication</i>	A. Moore A. Bendiscioli	ES – Barcelona	18–22 July
	Media Communication session at ELSO: <i>Who should sell science to the public?</i>	A. Moore A. Bendiscioli	FR – Nice	2 September
	9th EMBL/EMBO joint conference on Science and Society: <i>Systems and Synthetic Biology: Scientific and Social Implications</i>	H. Stefánsson A. Moore A. Bendiscioli	DE – Heidelberg (EMBL)	7–8 November
young investigator programme	<i>Coaching</i> – EMBO Advanced leadership skills training	G. Wallon K. Krynauw	DE – Heidelberg	21–23 January
	EMBO Laboratory Management Course (for EMBO Fellows)	G. Wallon K. Krynauw	DE – Heidelberg	10–12 March
	EMBO Laboratory Management Course (open to all independent scientists)	G. Wallon K. Krynauw	DE – Heidelberg	1–4 April
	EMBO Laboratory Management Course (for EMBO Fellows)	G. Wallon K. Krynauw	DE – Heidelberg	26–28 May
	<i>Conflict</i> – EMBO Advanced leadership skills training	G. Wallon K. Krynauw	DE – Heidelberg	9–11 June

young investigator programme (<i>cont.</i>)	EMBO Laboratory Management Course (open to all independent scientists)	G. Wallon K. Krynauw	DE – Heidelberg	9–12 June
	Young Investigator Meeting	G. Wallon K. Krynauw	DE – Heidelberg	18–20 June
	<i>Time and self-management</i> – EMBO Advanced leadership skills training	G. Wallon K. Krynauw	DE – Heidelberg	16–18 July
	EMBO Laboratory Management Course (open to all independent scientists)	G. Wallon K. Krynauw	DE – Heidelberg	16–19 September
	Young Investigator PhD Course	G. Wallon K. Krynauw	DE – Heidelberg	21–28 September
	EMBO Laboratory Management Course (for EMBO Fellows)	G. Wallon K. Krynauw	DE – Heidelberg	7–9 October

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

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

organisations and ACRONYMS

CNRS-CGM	Centre of Molecular Genetics (Centre de Génétique Moléculaire) Gif-sur-Yvette, France	DKFZ	German Cancer Research Center Heidelberg, Germany
CNRS-CRBM	Macromolecular Biochemistry Research Center (Centre de Recherche de Biochimie Macromoléculaire) Montpellier, France	EEBMB	Hellenic Society for Biochemistry and Molecular Biology Patras, Greece
CNRS-IGH	Institute of Human Genetics (Institut de Génétique Humaine) Montpellier, France	EED	European Society for Evolutionary Developmental Biology Leiden, The Netherlands
CRA	Center for Genomic Research Firenze/Arca, Italy	ELSF	European Life Sciences Forum Heidelberg, Germany
CRG	Center for Genomic Regulation (Centre de Regulació Genòmica) Barcelona, Spain	ELSO	European Life Scientist Organization Sandhausen, Germany
CRU-CHL	Cancer Research UK, London Research Institute: Clare Hall Laboratories South Mimms, UK	EMBL	European Molecular Biology Laboratory (Europe-wide)
CRU-LIFL	Cancer Research UK, London Research Institute: Lincoln's Inn Fields Laboratories London, UK	ERC	European Research Council Brussels, Belgium
CRU-TBL	Cancer Research UK, London Research Institute: Telomeres Biology Laboratory London, UK	ESF	European Science Foundation Strasbourg, France
CSDC	Center for the Study of Complex Dynamics Florence, Italy	ETH	Swiss Federal Institute of Technology Zurich (Eidgenössische Technische Hochschule Zürich) Switzerland
CSHL	Cold Spring Harbor Laboratory Cold Spring Harbor, USA	ETH-IBC	Swiss Federal Institute of Technology Zurich Institute of Biochemistry (Eidgenössische Technische Hochschule Zürich) Switzerland
CSIC	Spanish National Research Council (Consejo Superior de Investigaciones Científicas) Spain	EU TMR	European Union's Research Training Networks – Training and Mobility of Researchers (Europe-wide)
DBBM IOC- FIOCRUZ	Department of Biochemistry & Molecular Biology Oswaldo Cruz Institute Fiocruz, Rio de Janeiro, Brazil	FASEB	Federation of American Societies for Experimental Biology Bethesda, USA
DIBIT	Department of Biological & Technological Research, San Raffaele Science Institute Milan, Italy	FCT-DREBM	Foundation for Science & Technology Lisbon, Portugal
DKBW	Dept. of Clinical Biological Research University of Basel (Dept. Klinisch-Biologische Wissenschaften Universität Basel) Switzerland	FEBS	Federation of European Biochemical Societies (Europe-wide)
		FESPB	Federation of European Societies of Plant Biology Heraklion, Greece
		FIRC	Italian Cancer Research Foundation (Fondazione Italiana per la Ricerca sul Cancro) Milan, Italy
		FIUBA	Faculty of Engineering, University of Buenos Aires (Facultad de Ingeniería de la Universidad de Buenos Aires) Argentina

FMI	Friedrich Miescher Institute for Biomedical Research Basel, Switzerland	IBPC	Institute of Biology and Physical Chemistry (Institut de Biologie Physico-Chimique) Paris, France
FU	Free University, Berlin, Germany	ICGEB	International Centre for Genetic Engineering and Biotechnology Trieste, Italy
GRC	Gordon Research Conferences West Kingston, USA	ICL-DMB	Imperial College of London, Division of Molecular Biosciences London, UK
GRICES	Office for International Relations in Science and Higher Education (Gabinete de Relações Internacionais da Ciência e do Ensino Superior) Lisbon, Portugal	ICT	Institute of Chemical Technology Prague (Vysoká Škola Chemicko-Technologická v Praze) Prague, Czech Republic
GSF	National Research Center for Environment and Health (Forschungszentrum für Umwelt und Gesundheit) Neuherberg, Germany	IEO	European Institute of Oncology (Istituto Europeo di Oncologia), Milan, Italy
HFSP	Human Frontier Science Program Strasbourg, France	IFOM	FIRC Institute of Molecular Oncology (Istituto FIRC di oncologia molecolare) Milan, Italy
HHMI	Howard Hughes Medical Institute USA	IGB	Institute of Genetics Research, CNR Naples, Italy
HINARI	Health InterNetwork Access to Research Initiative World Health Organization Geneva, Switzerland	IGBMC	Institute of Genetics and Molecular and Cellular Biology (Institut de Génétique et de Biologie Moléculaire et Cellulaire) Illkirch, France
IAPTC&B	International Association for Plant Tissue Culture and Biotechnology Beijing, China	IGUC-DCG	Institute for Genetics of the University of Cologne Department of Cell Genetics Cologne, Germany
IBB-PAS	Institute of Biochemistry and Biophysics Polish Academy of Sciences Warsaw, Poland	IHEM- CONICET	Institute of Histology and Embryology Argentinian Centre of Science and Technology (Instituto de Histología y Embriología El Centro Regional de Investigaciones Científicas y Tecnológicas) Mendoza, Argentina
IBCMIP	Cellular and Molecular Immunobiology of Infectious Parasites Pierre and Marie Curie University (Immuno-Biologie Cellulaire et Moléculaire des Infections Parasitaires, Université Pierre et Marie Curie) Paris, France	IJM	Jacques Monod Institute (L'Institut Jacques-Monod) Paris, France
IBDM	Developmental Biology Institute of Marseille (Institut de Biologie du développement de Marseille) France	IMBA	Institute of Molecular Biotechnology of the Austrian Academy of Sciences (Institut für molekulare Biotechnologie der Österreichischen Akademie der Wissenschaften) Vienna, Austria
IBMC	Institute for Molecular and Cell Biology (Institut de Biologie Moléculaire et Cellulaire) Strasbourg, France	IMBB-FORTH	Institute of Molecular Biology & Biotechnology Heraklion, Greece
IBMP	Institute of Plant Molecular Biology (Institut de Biologie Moléculaire des Plantes) Strasbourg, France	IMCB	Institute of Molecular and Cellular Biosciences The University of Tokyo Japan

organisations and ACRONYMS

IMCR	Institute of Molecular Cancer Research University of Zurich Switzerland	ISIS-ULP	Institute of Supermolecular Science and Engineering Louis Pasteur University (Institut de Science et d'Ingénierie Supramoléculaires, Université Louis Pasteur) Strasburg, France
IMG	Institute of Microbiology and Genetics Technical University of Darmstadt (Institut für Mikrobiologie und Genetik Technische Universität Darmstadt) Germany	ISME	International Society for Microbial Ecology Vienna, Austria
IMG	Institute of Molecular Genetics (Ústav molekulární genetiky AV CR) Prague, Czech Republic	ISPMB	International Society for Plant Molecular Biology Athens, USA
IMM	Molecular Medicine Institute (Instituto de Medicina Molecular) Lisbon, Portugal	ISREC	Swiss Institute for Experimental Cancer Research Epalinges, Switzerland
IMP	Research Institute of Molecular Pathology (Forschungsinstitut für Molekulare Pathologie) Vienna, Austria	ISV	Plant Science Institute (Institut des Sciences du Végétal – UPR 2355) Gif-sur-Yvette, France
IMT	Institute for Molecular Biology and Tumour Research Philipps University (Institut für Molekularbiologie und Tumorforschung, Philipps-Universität Marburg) Germany	IWR	Interdisciplinary Center for Scientific Computing of the Ruprecht Karls University of Heidelberg (Interdisziplinäres Zentrum für Wissenschaftliches Rechnen der Ruprecht-Karls-Universität Heidelberg) Germany
InCoB	International Conference in Bioinformatics Department of Biotechnology, Government of India New Delhi, India	KTH	Royal Institute of Technology (Kungliga Tekniska högskolan) Stockholm, Sweden
INSERM	French National Institute for Health and Medical Research (Institut national de la santé et de la recherche médicale) France	LBI-CR	Ludwig Boltzmann Institute for Cancer Research (Ludwig Boltzmann Institut für Krebsforschung) Vienna, Austria
IPBO	Plant Biotechnology Institute for Developing Countries Gent University (Instituut voor Plantenbiotechnologie voor Ontwikkelingslanden) Gent, Belgium	LBMMS	Laboratory for Biological and Medical Mass Spectrometry Uppsala, Sweden
IRCC	Institute for Cancer Research and Treatment Torino, Italy	LCGTI	The Lautenberg Center for General and Tumour Immunology The Hebrew University Hadassah Medical School Jerusalem, Israel
IRIBHM	Institute of Interdisciplinary Research in Human and Molecular Biology Brussels, Belgium	LICR	Ludwig Institute for Cancer Research (international)
ISE	Initiative for Science in Europe Heidelberg, Germany	LMU	Ludwig Maximilian University (Ludwig-Maximilians-Universität) Munich, Germany
		LNCIB	National Laboratory, Interuniversity of Biotechnology (Laboratorio Nazionale, Consorzio Interuniversitario Biotechnologie) Trieste, Italy

LPCMP	Laboratory of Cellular and Molecular Plant Physiology (Laboratoire de Physiologie Cellulaire et Moléculaire des Plantes) Ivry-sur-Seine, France	NIMR	National Institute for Medical Research London, United Kingdom
LRI	Cancer Research UK, London Research Institute London, UK	NIOB	Netherlands Institute for Developmental Biology – The Hubrecht Laboratory (Nederlands Instituut voor Ontwikkeling Biologie – Het Hubrecht Laboratorium) Utrecht, The Netherlands
LSRC-SCBCT	Lund Strategic Research Center for Stem Cell Biology and Cell Therapy Lund, Sweden	NKI-AVL	The Netherlands Cancer Institute – Antoni van Leeuwenhoek Hospital (Het Nederlands Kanker Instituut – Antoni van Leeuwenhoek Ziekenhuis) Amsterdam, The Netherlands
LU-DCMP	Division for Cellular and Molecular Pharmacology Department of Experimental Medical Science Lund University (Cellulär och molekylär farmakologi Lunds Universitet) Lund, Sweden	NLGB	National Laboratory of Genomics for Biodiversity Center for Research and Advanced Studies of the National Polytechnic Institute Irapuato, Mexico
LVMS	Laboratory of molecular and structural virology (Laboratoire de virologie moleculaire et structurale) Gif-sur-Yvette, France	NPG	Nature Publishing Group London, UK
MEC	Ministry of Education and Science (Ministerio de Educación y Ciencia) Madrid, Spain	NPHI	National Public Health Institute Helsinki, Finland
MIT	Massachusetts Institute of Technology Cambridge, USA	PICR	Paterson Institute for Cancer Research Manchester, UK
MPI	Max Planck Institute (Max-Planck-Institut) Germany	SBC	Stockholm Bioinformatics Center Stockholm University Stockholm, Sweden
MPI-CBG	Max Planck Institute of Molecular Cell Biology and Genetics (Max-Planck-Institut für molekulare Zellbiologie und Genetik) Dresden, Germany	SIBS-HHMI	Salk Institute for Biological Studies, Howard Hughes Medical Institute La Jolla, USA
MRC	Medical Research Council United Kingdom	SNF	Swiss National Science Foundation (Schweizerische Nationalfonds) Bern, Switzerland
MRC-LMB	Medical Research Council Laboratory of Molecular Biology Cambridge, UK	TIGEM	Telethon Institute of Genetics & Medicine Naples, Italy
MSSM	Mount Sinai School of Medicine New York, USA	UAB-DBMB	Autonomous University of Barcelona Department of Biochemistry and Molecular Biology (Universitat Autònoma de Barcelona) Bellaterra, Spain
MTA	Hungarian Academy of Sciences (Magyar Tudományos Akadémia) Budapest, Hungary	UCB	University of California Berkeley, USA
NCMLS	Nijmegen Centre for Molecular Life Sciences Nijmegen, The Netherlands		

organisations and ACRONYMS

UCLA	University of California Los Angeles USA	VIB	Flanders Interuniversity Institute for Biotechnology (Vlaams Interuniversitair Instituut voor Biotechnologie) Ghent, Belgium
UCSF	University of California San Francisco, USA	WEHI	The Walter and Eliza Hall Institute of Medical Research Melbourne, Australia
UG-FM	University of Geneva, Faculty of Medicine Geneva, Switzerland	WHO	World Health Organization Geneva, Switzerland
UHIB	University of Helsinki, Institute of Biotechnology (Helsingin Yliopisto, Biotekniikan instituutti) Helsinki, Finland	WIMM	The Weatherall Institute of Molecular Medicine University of Oxford John Radcliffe Hospital Oxford, UK
UMC	University Medical Center Utrecht The Netherlands	WMCCU	Weill Medical College of Cornell University Ithaca, USA
UMC St Radboud	Radboud University Medical Centre (UMC St Radboud) Nijmegen, The Netherlands	WTCCB	Wellcome Trust Centre for Cell Biology University of Edinburgh, UK
UMC-DEO	University Medical Center Utrecht Division of Experimental Oncology Institute for Developmental Biology and Oncology Utrecht, The Netherlands	WWU	Westphalian Wilhelm University Institute for Zoology (Westfälischen-Wilhelms Universität Institut für Zoologie) Muenster, Germany
UNIL	University of Lausanne (Université de Lausanne) Switzerland	ZMBH	Centre for Molecular Biology University of Heidelberg (Zentrum für Molekulare Biologie der Universität Heidelberg) Germany
UNIL-CIG	University of Lausanne Center for Integrative Genomics (Université de Lausanne Faculté de biologie et de médecine) Lausanne, Switzerland	ZMBP	Center for Plant Molecular Biology University of Tuebingen (Zentrum für Molekularbiologie der Pflanzen Universität Tübingen) Germany
UO-UL	University of Lausanne (Unité d'Oculogénétique Université de Lausanne) Switzerland		
UoD- DBCMM	University of Dundee Division of Biological Chemistry and Molecular Microbiology Dundee, UK		
UPMC	Pierre and Marie Curie University (Université Pierre et Marie Curie) Paris, France		
USD-DBMB	University of Southern Denmark Department of Biochemistry and Molecular Biology (Syddansk Universitet) Odense, Denmark		



**European Molecular
Biology Organization**

Meyerohofstr. 1
69117 Heidelberg
Germany

phone +49 6221 8891 0
fax +49 6221 8891 200

embo@embo.org
www.embo.org

EMBC **European Molecular
Biology Conference**

Meyerohofstr. 1
69117 Heidelberg
Germany

phone +49 6221 8891 0
fax +49 6221 8891 210

embc@embo.org
www.embo.org/embc

co-ordination, editing

Suzanne Beveridge, Anne Seller

**production: co-ordination,
layout, graphics, cover**

Uta Mackensen

photos, photo editing

Maj Britt Hansen, Christine Panagiotidis,
Udo Ringeisen, Marietta Schupp
(EMBL Photolab)
Valeria Kaplan, Uta Mackensen,
Volker Wiersdorff

print

Metzgerdruck GmbH
Obrigheim, Germany