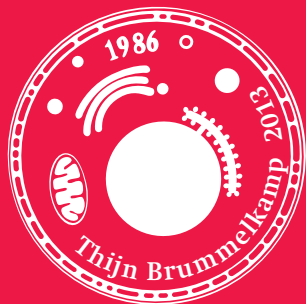


excellence in life sciences



EMBO facts & figures 2013

HIGHLIGHTS 2013



EMBO Long-Term Fellowships	Successful completion of negotiations for two further COFUND grants from Marie Curie Actions of the European Commission.
New EMBO Members & Young Investigators	EMBO elects 52 new members (page 20), selects 23 Young Investigators (page 74) and six Installation Grantees (page 80).
EMBO Science Policy	The programme receives two grants for workshops to be held in 2014, one from the Robert Bosch Foundation and one from the European Science Foundation. Science Policy also organizes the 14th EMBO EMBL Science and Society Conference <i>Public and Private Health</i> focused on genomics, medicine, and society. The conference attracts more than 200 scientists and citizens from Europe and North America.
EMBO Gold Medal	Dutch biologist Thijn Brummelkamp receives the 2013 EMBO Gold Medal (page 7).
EMBO Global Activities	EMBO Courses & Workshops are held in China, Singapore and South Africa and an EMBO Young Investigator Networking Meeting is held in India. The second EMBO Young Investigator working outside of Europe (in Singapore) is selected.
EMBO Courses & Workshops	More than 10,000 participants attend 84 scientific events; 325 participants attend 20 EMBO Laboratory Management Courses.
FEBS EMBO Women in Science Award	French biologist Geneviève Almouzni receives 2013 FEBS EMBO Women in Science Award (page 7).
<i>The EMBO Meeting 2013</i>	Fifth EMBO life science conference in Amsterdam, Netherlands, attracts more than 1000 scientists, providing an annual European forum for scientific exchange (page 7).
EMBO Press	Editorially independent publishing platform launches for <i>The EMBO Journal</i> , <i>EMBO reports</i> , <i>Molecular Systems Biology</i> and <i>EMBO Molecular Medicine</i>

EMBO

facts & figures 2013

EMBO promotes excellence in life sciences in Europe by recognizing and fostering talented scientists.

Since 1964, leading scientists are elected annually to become EMBO Members based on proven excellence in research. Members number more than 1600 today. 69 scientists from the EMBO membership have received the Nobel Prize.

EMBO funding, training and networking activities attract thousands of scientists every year, promoting collaboration in all areas of life science research.

Four peer-reviewed journals span a broad spectrum of the life sciences and reflect how research is shaping the world.

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

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



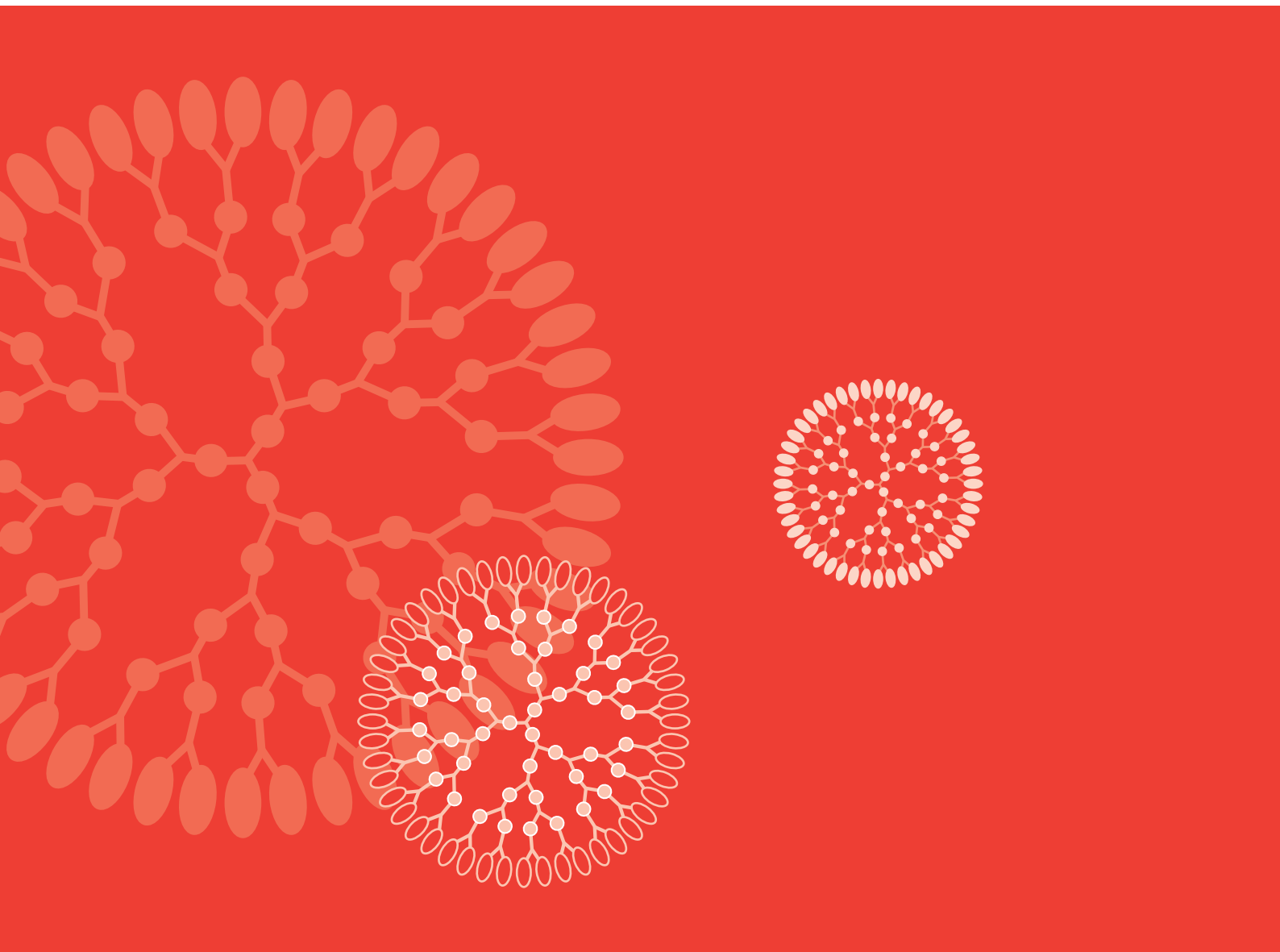


table of contents

Preface	4–5
EMBO actions in 2013	6–7
EMBC actions in 2013	8–9

facts & figures 2013

EMBC Member States	12–17
Delegates and Advisers	12–16
Financial contributions	17
EMBO Council & Committees	18–19
EMBO Council 2013	18
EMBO Committees 2013	19
EMBO Membership	20–23
EMBO Members 2013	20–22
EMBO Associate Members 2013	23
EMBO Scientific Publications	24–27
Advisory Editorial Boards & Senior Editors of	
<i>The EMBO Journal</i>	24
<i>EMBO reports</i>	25
<i>Molecular Systems Biology</i>	26
<i>EMBO Molecular Medicine</i>	27

EMBO Fellowships	28–73
EMBO Long-Term Fellowships	28–47
Statistics	28–29
Awards 2013	30–45
Geographical distribution 2013	46–47
EMBO Short-Term Fellowships	48–73
Statistics	48
Awards 2013	49–71
Geographical distribution 2013	72–73
EMBO Young Investigators	74–79
Young Investigators 2013	74
Young Investigators 2000–2012	75
Applications and awards 2004–2013	76
General statistics 2000–2013	77
Lectures 2013	78–79
EMBO Installation Grants	80
Installation Grantees 2013	80
EMBO Courses & Workshops	82–88
Practical Courses 2013	82–83
Workshops 2013	83–84
Conferences 2013	84–85
Symposia 2013	85–86
EMBO FEBS Lecture Courses 2013	86
Laboratory Management Courses 2013	87–88
EMBO Women in Science	90–92
Participation of women in EMBO activities: Statistics	90–92
EMBO Gold Medal	93
Gold Medalists 1986–2013	93
EMBO Keynote Lectures	94–97
Keynote Lectures 2013	94–97
EMBO Staff in Heidelberg	98–99



Maria Leptin

EMBO Director

States. The EMBO Membership now includes more than 1600 life scientists in the international community.

Science depends on giving new talent an opportunity to shine and the EMBO Young Investigator Programme supports some of the best young scientists in Europe. In 2013, 23 young researchers joined our programme, which now comprises more than 300 scientists. EMBO also supports researchers who wish to set up laboratories in countries looking to strengthen research capacity. In 2013, six researchers in the life sciences received Installation Grants for this purpose. These grants are helping scientists to set up research groups in the Czech Republic, Poland, Portugal and Turkey. 64 researchers have been funded by EMBO Installation Grants since the start of the programme in 2006.

The EMBO Fellowship Programme began almost 50 years ago to provide young scientists with funding for their early

preface

EMBO continues to make significant contributions to the life sciences in Europe. In 2013, fifty-two scientists were welcomed to the EMBO membership in recognition of their outstanding achievements in the life sciences. Forty-three of the new members reside in Europe and neighboring countries. Nine Associate Members were elected from Canada, China, India, Japan and the United

research careers. EMBO Long-Term Fellowships provide financial support for postdoctoral research in leading laboratories in Europe and around the world. Short-Term Fellowships, which support three-month visits to laboratories in Europe and elsewhere in the world, allow young scientists to gain experience in some of the latest scientific techniques and new technologies. 185 Long-Term Fellowships and 280 Short-Term Fellowships were awarded in 2013.

The EMBO Courses & Workshops Programme provides training and helps to build networks of researchers in the wider scientific community. 84 EMBO Courses and Workshops were held in 2013 and attracted more than 10 000 participants. The events took place in 20 different countries.

In 2013, EMBO helped organize a record number of Laboratory Management Courses* to provide training for postdoctoral researchers and group leaders. These courses address key skills for scientists including staff selection, leadership and delegation, effective problem solving and communication. 20 courses were held in 2013 and we will continue to make sure that what we offer meets the growing needs of the scientific community in this area.

The EMBO Meeting 2013* took place in Amsterdam, The Netherlands, on September 21–24. The lineup included 90 leading researchers in the life sciences who participated in talks in the concurrent sessions as well as keynote speeches and special lectures. More than 1100 participants from Europe and worldwide listened to some of the most recent developments in life science research. The meeting included an

opening lecture from Kai Simons about how intricate changes in membrane structure can influence how cells work. Keynote lectures at the meeting included talks from Hans Clevers as well as the three winners of the 2013 Louis-Jeantet Prize – Sir Michael Stratton, Peter Hegemann and Georg Nagel.

In November 2013, The American Association for the Advancement of Science (AAAS) elected Michele Garfinkel, Manager of the Science Policy Programme at EMBO, to its 2013 class of fellows. The nomination was in recognition of her work looking at the societal impact of molecular biology, synthetic biology and human genomics. Election as an AAAS Fellow is an honour bestowed upon AAAS members by their peers and acknowledges contributions that help to advance science or its applications. The EMBO Science Policy Programme continues its efforts to advance science policies that will create a world-class research environment. Highlights in 2013 included the award of grants from the European Science Foundation and Bosch Stiftung to support policy workshops in 2014.

In December 2013, EMBO officially launched EMBO Press, an editorially independent publishing platform for EMBO scientific publications. One of the goals of EMBO Press is to transform research articles into enriched and accessible records of research data that open up new possibilities for discovery and sharing. The launch of EMBO Press includes an expanded publishing agreement with our publisher Wiley and a new partnership with HighWire Press of Stanford University. EMBO Press gives us the freedom and flexibility needed to realize our future plans for the journals.

EMBO officially acquired legal status on 12 July 1964 and 2014 is our 50th anniversary. In the course of 50 years, EMBO has established a community of outstanding researchers who have been working tirelessly to build a successful European research environment. As part of our anniversary, we have organized activities and events to highlight EMBO's contributions to the life sciences. Three anniversary events are planned in 2014, a science and policy meeting which will be held in Heidelberg, Germany, in July, a joint anniversary event with FEBS and the French Society of Biochemistry and Molecular Biology that will take place in Paris, France, at the end of August and a special membership meeting scheduled for October.

In 2014, we have already welcomed significantly more researchers to our membership than in previous years as part of our strategic expansion in the fields of neuroscience and ecology & evolution. The 106 new members for 2014 include 50 scientists who have made exceptional contributions to these research areas. EMBO is well positioned to support the life sciences in the years ahead.

I would like to thank everyone who has contributed to the success of EMBO over the past fifty years.

Sincerely

A handwritten signature in black ink, appearing to read 'M. Leptin', followed by a long horizontal line.

*Administrated by the Gesellschaft zur Förderung der Lebenswissenschaften Heidelberg GmbH

EMBO actions 2013

EMBO Council met in April 2013. Major decisions are listed below along with other important EMBO actions not described elsewhere in this report.

→ EMBO OFFICERS & COUNCIL 2013

Paul Nurse

EMBO SECRETARY GENERAL

Detlef Weigel

CHAIR, EMBO COUNCIL

Richard Treisman

VICE CHAIR, EMBO COUNCIL

Geneviève Almouzni

Patrick Charnay

Pascale Cossart

Caroline Dean

Roberto di Lauro

Denis Duboule

Anne Ephrussi

Leszek Kaczmarek

Ferenc Nagy

Mart Saarma

Paul Schulze-Lefert

Dimitris Thanos

Veronica van Heyningen

MEMBERS OF EMBO COUNCIL

→ See page 18 for a detailed list of the 2013 EMBO Council

Council and membership elections

- *Detlef Weigel* was re-elected Chair of EMBO Council for 2014, *Richard Treisman* was re-elected Vice Chair of EMBO Council for 2014.
- *Geneviève Almouzni*, *Mart Saarma* and *Dimitris Thanos* were re-elected to Council by the EMBO membership for the period 2014–2016. *Regine Kahmann* and *Victor de Lorenzo* were newly elected for the same period. *Veronica van Heyningen* was selected to replace *Patrick Charnay* for the year 2014.
- Forty-three EMBO Members and nine EMBO Associate Members were elected in the 2013 membership election. More information is listed on pages 20–23.
- Council amended the rights of the EMBO Associate Members in the annual membership election cycle.
- Council approved a list of 50 candidates for the special EMBO Membership expansion election on the occasion of the 50th Anniversary of EMBO in 2014.

Financial matters

- EMBO Council approved the accounts for 2012 and the budget for the EMBO activities for 2014. This funding comes from income generated by the EMBO publications and supplements the EMBC financing of the EMBO Programmes and activities. It is also used to pilot EMBO activities that are not part of the EMBC General Programme.
- Since 2009 the EMBO and EMBC accounts have been audited by KPMG (Switzerland). This audit is carried out in addition to the standard auditing by a national audit court from one of the EMBC Member States (in 2013 Norway).

Cooperation meetings

- April 2013, Heidelberg: Delegation from the China National Center for the Development of Biotechnology, EMBO Associate Member *Huanming Yang*.
- May 2013, Heidelberg: Argentine Minister, *Lino Barañao*, and National Director of International Relations, *Agueda Menvielle*.
- June 2013, Heidelberg: Director of Multilateral Cooperation from the South African Department of Science and Technology, *Cecil Masoka*.

EMBO actions 2013

Other EMBO activities

Awards

- *Thijn Brummelkamp* of the Netherlands Cancer Institute (NKI) was the winner of the 2013 EMBO Gold Medal. The award acknowledged his outstanding work to accelerate the genetic analysis of human disease (see page 93).
- *Geneviève Almouzni* of the Institut Curie in Paris, France, was announced winner of the 2013 FEBS | EMBO Women in Science Award.
- EMBO Associate Members *James E. Rothman* of Yale University in New Haven and *Randy W. Schekman* of the University of California at Berkeley (jointly with *Thomas C. Südhof*) were awarded the 2013 Nobel Prize for Medicine or Physiology. The prize acknowledges their discoveries of machinery regulating vesicle traffic, a major transport system in our cells.

Meetings and training

- The *EMBO Meeting 2013* was held in Amsterdam, Netherlands from 21 to 24 September.
- New EMBO Members elected in 2012 were welcomed to the organization during the *EMBO Members' Workshop* held from 23 to 25 October 2013 in Heidelberg.
- The *14th EMBO | EMBL Science and Society Conference* took place on 7 – 8 November 2013 at the EMBL Advanced Training Centre in Heidelberg on Public and Private Health: Genomics, Medicine and Society.
- EMBO and EMBL held five joint *EMBO | EMBL Symposia* in the EMBL Advanced Training Centre in 2013.
- EMBO continues to participate in the activities and meetings of the Initiative for Science in Europe (ISE).
- The EMBO Director and EMBO managers were engaged in a variety of other meetings and collaborations – in particular with the Federation of European Biochemical Societies (FEBS), the European Science Foundation (ESF), the European Research Council (ERC) and the various programmes of the European Commission (EC).
- EMBO provided management training for postdocs and group leaders by organizing twenty Laboratory Management Courses.

→ EMBO COMMITTEE CHAIRS 2013

David Sherratt

EMBO Membership Committee

Jürgen Knoblich

EMBO Fellowship Committee

William Earnshaw/Frank Uhlmann

EMBO Course Committee

Noel Lowndes

EMBO Young Investigator Committee

Reinhard Jahn

EMBO Publications Advisory Board

→ See page 19 for a complete list of the 2013 committee members.

→ EMBO Council Administrator

Gitta Bourke

gitta.bourke@embo.org

T +49 6221 8891 117

F +49 6221 8891 202

EMBC actions 2013

→ EMBC OFFICERS 2013

Toivo Maimets ESTONIA
PRESIDENT

Leszek Kaczmarek POLAND
Angela Nieto SPAIN
VICE PRESIDENTS

Krešimir Pavelić CROATIA
SECRETARY GENERAL

Kalervo Hiltunen FINLAND
FINANCE COMMITTEE CHAIR

Hemma Bauer AUSTRIA
FINANCE COMMITTEE VICE CHAIR

→ STRATEGIC WORKING PARTY 2013

Ahmet Ademoğlu TURKEY

Hemma Bauer AUSTRIA

Josiane Entringer LUXEMBOURG

Jean-Michel Heard FRANCE

Kalervo Hiltunen FINLAND

Leszek Kaczmarek POLAND

Toivo Maimets ESTONIA CHAIR

Angela Nieto SPAIN

Mark Palmer UNITED KINGDOM

Krešimir Pavelić CROATIA

Jeannette Ridder-Numan
NETHERLANDS

Glauco Tocchini-Valentini ITALY

Volker Wiesenthal GERMANY

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

The EMBC Delegates met in formal session in June and in November 2013. The EMBC Finance Committee and the EMBC Strategic Working Party met in June 2013; the decisions and actions resulting from these meetings are listed below.

Financial matters

- EMBC noted the reports of the external and internal auditors and accepted the accounts for 2012.
- EMBC approved the budget for 2014.

EMBC decisions and actions

- EMBC heard a detailed report from EMBO on the delivery of the EMBC General Programme.
- Conference agreed to introduce the status of 'EMBC Associate Member State' for selected non-European countries. Applications for EMBC Associate Member State status will be considered on a case-by-case basis.

Election of officers for 2014

- *Toivo Maimets* (Estonia) was re-elected President of EMBC for 2014. *Gerrit van Meer* (Netherlands) and *Angela Nieto* (Spain) were elected Vice-Presidents for 2014.
- *Patrick Cramer* (Germany) was appointed Secretary General of EMBC for 2014.

EMBC actions 2013

→ EMBC MEMBER STATES

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

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

→ FINANCE COMMITTEE

PERMANENT MEMBERS

France
Germany
Italy
Spain
United Kingdom

ELECTED MEMBERS

Austria
Belgium
Finland
Greece
Ireland
Netherlands
Sweden

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

→ EMBC Administrator
Gitta Bourke
gitta.bourke@embo.org
T +49 6221 8891 117
F +49 6221 8891 202



facts & figures 2013

EMBC Member States	12–17
EMBO Council & Committees	18–19
EMBO Membership	20–23
EMBO Scientific Publications	24–27
EMBO Fellowships	28–73
EMBO Young Investigators	74–79
EMBO Installation Grants	80
EMBO Courses & Workshops	82–88
EMBO Women in Science	90–92
EMBO Gold Medal	93
EMBO Keynote Lectures	94–97
EMBO Staff in Heidelberg	98–99

EMBC Delegates & Advisers

embc.embo.org

embc@embo.org

A President, two Vice Presidents and a Secretary General lead the EMBC, the intergovernmental funding body of EMBO. The governments of the member states nominate EMBC Delegates. Typically each member state appoints one delegate from a relevant ministry and one scientific adviser.

Prof. Toivo Maimets
EMBC President

Prof. Krešimir Pavelić
EMBC Secretary General

Gitta Bourke
EMBC Administrator

AUSTRIA

Dr. Hemma Bauer

Bundesministerium für
Wissenschaft und Forschung
Referat VI/1a
Rosengasse 2–6
AT–1014 Vienna
T +43 1 53120 7120
hemma.bauer@bmwf.gv.at

Prof. Annemarie Frischauf

Dept. of Molecular Biology
University of Salzburg
Hellbrunnerstrasse 34
AT–5020 Salzburg
T +43 662 8044 5779
annemarie.frischauf@sbg.ac.at

BELGIUM

Dr. François Guissart

Belgian Federal Science Policy Office
Avenue Louise 231
BE–1050 Brussels
T +32 2 238 34 86
Francois.Guissart@belspo.be

Mr Vincent Meunier

Belgian Federal Science Policy Office
Avenue Louise 231
BE–1050 Brussels
T +32 2 238 34 63
vincent.meunier@belspo.be

Prof. Marc van Montagu

IPBO Ghent University
K.L. Ledeganckstraat 35
BE–9000 Ghent
T +32 9 264 87 27
Marc.VanMontagu@UGent.be

CROATIA

Dr. Lovorka Barać Lauc

Executive Director
The National Foundation for Science, Higher
Education and Technological Development
Ilica 24
HR–10000 Zagreb
T +385 51 228 692
lbauc@hrzz.hr

Prof. Kresimir Pavelić

University of Rijeka
Dept. of Biotechnology
Trg Brace Mazuranica 10
HR–51000 Rijeka
T +385 99 730 5690
pavelic@biotech.uniri.hr

CZECH REPUBLIC

Dr. Zdena Palkova

Dept. of Genetics and Microbiology
Charles University
Vinicná 5
CZ–12844 Prague 2
T +420 2 2195 1721
zdenap@natur.cuni.cz

Ms Jana Bystrická

Ministry of Education, Youth and Sports
Dept. of International Cooperation
Karmelitska 7
CZ–118 12 Prague
T +420 257 139 24
Jana.Bystricka@msmt.cz

DENMARK

Prof. Jesper Velgaard Olsen

The Novo Nordisk Foundation Center
for Protein Research
Panum Institutet
Blegdamsvej 3
DK-2200 København N
T +45 35325022
jesper.olsen@cpr.ku.dk

Mr Troels Tvedegaard Rasmussen

DASTI
Bredgade 40
DK-1260 – Copenhagen K
T +457231 8296
trra@fi.dk

ESTONIA

Prof. Toivo Maimets

Dept. of Cell Biology
Institute of Molecular and Cell Biology
University of Tartu
Riia 23b-135
EE-51010 Tartu
T +372 737 5028
toivo.maimets@ut.ee

Dr. Toivo Räim

Ministry of Education and Research
Tallinn Office
Tõnismägi 11
EE-15192 Tallinn
T +372 735 0125
toivo.raim@hm.ee

FINLAND

Prof. Kalervo Hiltunen

Department of Biochemistry
University of Oulu
Linnanmaa, Door H4
FI-90570 Oulu
T +358 294 481150
kalervo.hiltunen@oulu.fi

Dr. Jarmo Wahlfors

Director, Health Research Unit
Academy of Finland
Hakaniemenranta 6, PO Box 131
FI-00531 Helsinki
T +358 29 533 5126
Jarmo.Wahlfors@aka.fi

FRANCE

Dr. Vincent Geli

Institut Jean Paoli et Irène Calmettes
Centre regional de
lutte contre le cancer
27, boulevard Lei Roure
FR-13273 Marseille cedex 09
T +33 4 91 75 84 03
geli@ifr88.cnrs-mrs.fr

Mr Jean-Michel Heard

Direction générale pour la Recherche et
l'Innovation
Ministère de l'Enseignement Supérieur et de la
Recherche
1, rue Descartes
FR-75231 Paris Cedex 5
T +33 1 55 55 90 30
jean-michel.heard@recherche.gouv.fr

Dr. Thierry Meinell

AVIESAN
Institut des Sciences du Végétal
Bât 23, 1 avenue de la Terrasse
FR-91198 Gif-sur-Yvette cedex
T +33 1 69 82 36 12
thierry.meinell@isv.cnrs-gif.fr

GERMANY

Dr. Volker Wiesenthal

Bundesministerium für Bildung und Forschung
Referat 613
Hannoversche Straße 19
DE-10115 Berlin
T +49 3018 57 5098
Volker.Wiesenthal@bmbf.bund.de

Dr. Jan Grapentin

Bundesministerium für Bildung und Forschung
Leiter des Referats 613
Hannoversche Straße 19
DE-10115 Berlin
T +49 30 18 57 5439
Jan.Grapentin@bmbf.bund.de

Prof. Patrick Cramer

Gene Center and Dept. of Biochemistry
Ludwig-Maximilians-Universität München
Feodor-Lynen-Str. 25
DE-81377 München
T +49 89 218076965
cramer@genzentrum.lmu.de

GREECE

Prof. Charalambos Savakis

Institute of Cell & Develop. Biology
BSRC Alexander Fleming
34 Alexander Fleming Street
GR-16672 Vari
T +30 210 9656 310/-173
savakis@fleming.gr

Ms Eftichia Kolliakou

Ministry of Education and Religious Affairs,
Sport and Culture – GSRT
International Organisations Division
14-18 Mesogeion Avenue
GR-115 27 Athens
T +30 210 7458115
ekol@gsrt.gr

HUNGARY

Ms Katalin Hajós

Deputy Head
Hungarian Academy of Sciences
Dept. for International Relations
Nádor utca 7
HU-1051 Budapest
T +36 1 411 6158
khajos@office.mta.hu

Prof. László Patthy

Institute of Enzymology
Biological Research Centre
Karolina ut 29
HU-1113 Budapest
T +36 1 209 3537
patthy@enzim.hu

Prof. Joel Sussman

Dept. of Structural Biology
The Israel Structural Proteomics Center
Weizmann Institute of Science
IL-76100 Rehovot
T +972 8 9344531
joel.sussman@weizmann.ac.il

Prof. Gerrit van Meer

Bureau Faculteit Bètawetenschappen
Budapestlaan 6 – kamer 001A
NL-3584 CH Utrecht
T +31 30 253 4628
gvanmeer@uu.nl

ICELAND**Dr. Eiríkur Steingrímsson**

Dept. of Biochemistry and Molecular Biology
Faculty of Medicine
University of Iceland
Vatnsmyrarvegur 16
IS-101 Reykjavík
T +354 525 4270
eirikurs@hi.is

IRELAND**Mr Brian Dalton**

Office of Science, Technology & Innovation
Dept. of Jobs, Enterprise & Innovation
23 Kildare Street
IE-Dublin 2
T +353 1 631 2477
Brian.Dalton@djei.ie

Dr. Marion Boland

Science Foundation Ireland
Wilton Park House
Wilton Place
IE-Dublin 2
T +353 1 607 3284
Marion.boland@sfi.ie

ISRAEL**Dr. Yossi Kalifa**

Director of Life Sciences Research
Ministry of Science and Technology
Haqirya Hamizrahit, Bldg 3
P.O. Box 49100
IL-91490 Jerusalem
T +972 2 5411126
yossik@most.gov.il

ITALY**Prof. Glauco Tocchini-Valentini**

Institute of Cell Biology, CNR
Campus A. Buzzati-Traverso
Via E. Ramarini 32
IT-00015 Monterotondo Scalo (RM)
T +39 06 906 0317
gtocchini@emma.cnr.it

Mr Fabio Iannaccone

Ministero dell'Economia e delle Finanze
Ragioneria Generale dello Stato
I.G.A.E. Uff. IX
Via XX Settembre no 97
IT-00187 Roma
T +39 06 476 13656
fabio.iannaccone@tesoro.it

LUXEMBOURG**Ms Josiane Entringer**

Ministry of Higher Education and Research
20, Montée de la Petrusse
LU-2912 Luxembourg
T +352 247 85217
josiane.entringer@mesr.etat.lu

NETHERLANDS**Dr. Jeannette Ridder-Numan**

Ministry of Education, Culture and Science
IPC 4100
Rijnstraat 50
NL-2515 XP Den Haag
T +31 70 412 4920
j.w.a.ridder@minocw.nl
l.perbal@minocw.nl

NORWAY**Prof. Oddmund Bakke**

University of Oslo
Dept. of Molecular Biosciences
Kristine Bonnevie hus
Blindernveien 31
NO-0371 Oslo
T +47 22855787 +47 22854594
oddmund.bakke@imbv.uio.no

Mr Jacob E. Wang

Research Council of Norway
Stensberggata 26
NO-0170 Oslo
T +47 22 03 73 25
jew@rcn.no

POLAND**Ms Maria Klimkiewicz**

Ministry of Science and Higher Education
Dept. of Strategy
ul. Wspólna 1/3
PL-00-529 Warsaw 53
T +48 22 628 32 89
maria.klimkiewicz@mniisw.gov.pl

Prof. Leszek Kaczmarek

Dept. of Molecular and Cellular Neurobiology
Nencki Institute
Pasteura 3
PL-02-093 Warsaw
T +48 22 6503001
l.kaczmarek@nencki.gov.pl

PORTUGAL

Ms Maria José Almeida

Foundation for Science and Technology (FCT)
Av. D. Carlos I, 126-7º
PT-1249-074 Lisbon
T +351 21 391 15 29
m.j.almeida@fct.mctes.pt

Prof. Cláudio Sunkel

Institute for Molecular and Cell Biology (IBMC)
University of Porto
Rua do Campo Alegre 823
PT-4150-180 Porto
T +351 22 607 49 00
cesunkel@ibmc.up.pt

SLOVAK REPUBLIC

Dr. Silvia Pastoreková

Institute of Virology
Slovak Academy of Sciences
Dubravska cesta 9
SK-845 05 Bratislava
T +421 2 59 30 24 04
virusipa@savba.sk

Prof. Ján Turna

Slovak Centre of Scientific and Technical
Information
Lamacska cesta 8/A
SK-811 04 Bratislava
T +421 2 69 25 31 02
turna@cvtisr.sk

Ms Anna Juríková

Department of International Cooperation in
Research & Development
Division of Science and Technology
Ministry of Education, Science, Research and
Sports of the Slovak Republic
Stromová 1
SK-813 30 Bratislava
T +421 2 59374717
anna.jurikova@minedu.sk

SLOVENIA

Dr. Boris Turk

Dept. of Biochemistry and Molecular and
Structural Biology
J. Stefan Institute
Jamova 39
SI-1000 Ljubljana
T +386 1 477 37 72
boris.turk@ijs.si

Dr. Marija Skerlj

Ministry of Higher Education, Science and
Technology
International Cooperation Office
Kotnikova 38
SI-1000 Ljubljana
T +386 1 478 46 96
marija.skerlj1@gov.si

SPAIN

Prof. M. Angela Nieto

Head of Developmental Neurobiology
Institute of Neurosciences CSIC-UMH
Avda. Ramon y Cajal s/n
ES-03550 San Juan de Alicante
T +34 965 919243
anieto@umh.es

Dr. Cristina Bauluz

Subdirección General de Relaciones
Internacionales
Secretaría General de Ciencia Tecnología e
Innovación
C/Albacete, 5 – PSN D10
ES-28027 Madrid
T +34 91 603 88 67
cristina.bauluz@mineco.es

SWEDEN

Prof. Stefan Hohmann

Dept. of Chemistry and Molecular Biology
University of Gothenburg
Medicinaregatan 9C
SE-405 30 Gothenburg
T +46 31 3608488
stefan.hohmann@gu.se

Dr. Maria Thuveson

Swedish Research Council
Västra Järnväggsgatan 3
SE-101 38 Stockholm
T +46 8 546 44 193
maria.thuveson@vr.se

SWITZERLAND

Dr. Isabella Beretta

State Secretariat for Education, Research &
Innovation SERI
International Research & Innovation Programmes
Effingerstrasse 27
CH-3003 Berne
T +41 31 322 84 17
isabella.Beretta@sbfi.admin.ch

Prof. Rolf Zeller

Developmental Genetics
DKBW Centre for Biomedicine
University of Basel, Medical School
Mattenstrasse 28
CH-4058 Basel
T +41 61 267 27 25/
+41 61 695 30 33
Rolf.Zeller@unibas.ch

TURKEY

Prof. Ahmet Ademoglu

Biomedical Engineering Institute
Bogazici University
Bebek
TR-34342 Istanbul
T +90 212 259 64 18
ademoglu@boun.edu.tr

UNITED KINGDOM

Dr. Mark Palmer

Director of International Strategy
Medical Research Council
14th Floor, One Kemble Street
GB–London WC2B 4AN
T +44 20 7395 2209
mark.palmer@headoffice.mrc.ac.uk

Mr Tim Willis

Biotechnology and
Biological Sciences Research Council
North Star Avenue
Polaris House
GB–Swindon SN2 1UH
T +44 1793 413247
Tim.Willis@bbsrc.ac.uk

Mr Bruce Minty

Medical Research Council (MRC)
14th Floor
One Kemble Street
GB–London WC2B 4AN
T +44 (0)1793 416200
bruce.minty@headoffice.mrc.ac.uk

EMBC Member States financial contributions

embc@embo.org

EMBC Member State	2013 % of total contributions
Austria	2.05
Belgium	2.53
Croatia	0.32
Czech Republic	0.92
Denmark	1.61
Estonia	0.11
Finland	1.29
France	14.88
Germany	18.69
Greece	1.71
Hungary	0.64
Iceland	0.07
Ireland	1.16
Israel	0.97
Italy	11.23
Luxembourg	0.21
Netherlands	4.27
Norway	2.17
Poland	2.42
Portugal	1.14
Slovak Republic	0.43
Slovenia	0.25
Spain	7.79
Sweden	2.48
Switzerland	2.59
Turkey	3.44
United Kingdom	14.60
Total	100.00

EMBO Council

www.embo.org/about-embo/council

embo@embo.org

2013

The EMBO Council is the governing body of EMBO, responsible for ensuring the development of the organization. It consists of 15 members, who serve for a period of three years and who may be re-elected for one additional term of office.

EMBO Council members	Elected term(s) of office	Name	Country – Town
	2011–2013, 2014–2016	Geneviève Almouzni	FR – Paris
	2009–2011, 2012–2013	Patrick Charnay	FR – Paris
	2010–2012, 2013–2015	Pascale Cossart	FR – Paris
	2012–2014	Caroline Dean	UK – Norwich
	2013–2015	Roberto di Lauro	IT – Napoli
	2012–2014	Denis Duboule	CH – Geneva
	2013–2015	Anne Ephrussi	DE – Heidelberg
	2010–2012, 2013–2014	Leszek Kaczmarek	PL – Warsaw
	2008–2010, 2011–2013	Ferenc Nagy	HU – Szeged
	2011–2013, 2014–2016	Mart Saarma	FI – Helsinki
	2013–2015	Paul Schulze-Lefert	DE – Cologne
	2011–2013, 2014–2016	Dimitris Thanos	GR – Athens
	2010–2011, 2012–2014	Richard Treisman VICE CHAIR	UK – London
	2010, 2011–2013, 2014	Veronica van Heyningen	UK – Edinburgh
	2010–2012, 2013–2015	Detlef Weigel	DE – Tübingen

Ex officio Council members	Maria Leptin	Director, EMBO
	Paul Nurse	Secretary General, EMBO

Observers	Toivo Maimets	President, EMBC
	Kresimir Pavelic	Secretary General, EMBC
	Iain Mattaj	Director General, EMBL
	David Sherratt	CHAIR EMBO Membership Committee
	Noel Lowndes	CHAIR EMBO Young Investigator Committee
	William Earnshaw/ Frank Uhlmann	CHAIR EMBO Course Committee
	Jürgen Knoblich	CHAIR EMBO Fellowship Committee
	Sandra Schmid	CHAIR EMBL SAC

EMBO Committees

www.embo.org/about-embo/committees#publications

embo@embo.org

2013

Members serve on committees to guide core EMBO programmes, activities and publications. The EMBO Council appoints members to serve on committees for a four-year term; committee chairs are appointed for three years and may serve on the committee beyond the usual four years.

Course Committee

2008 William Earnshaw **UK** CHAIR[◇]
 2012 Frédéric Allain **CH**
 2010 Siv Andersson **SE**
 2010 Silvia Arber **CH**
 2010 Jean Beggs **UK**
 2012 Søren Brunak **DE**
 2010 Ana Cumano **FR**
 2009 Maria Antonietta De Matteis **IT** [◇]
 2013 Christian Lehner **CH**
 2012 Paul Schulze-Lefert **DE**
 2013 Anne Spang **CH** [◇]
 2013 Frank Uhlmann **UK** [◇]
 2011 Isabelle Vernos **ES**

Fellowship Committee

2005 Jürgen Knoblich **AT** CHAIR
 2013 Andres Aguilera **ES**
 2012 Anna Akhmanova **NL**
 2010 Cecilia Maria Arraiano **PT**
 2013 Claudia Bagni **BE**
 2012 Naama Barkai **IL**
 2010 Yinon Ben-Neriah **IL**
 2013 Michael Boutros **DE** [◇]
 2012 Sarah Bray **UK**
 2013 Elena Conti **DE**
 2013 Fabrizio D'Adda di Fagagna **IT**
 2012 Liam Dolan **UK**
 2013 Santiago F. Elena
 2012 Brigitte Gicquel **FR** [◇]
 2009 Rüdiger Klein **DE**
 2011 Thomas Nystroem **SE**
 2013 Luca Scorrano **CH**
 2012 Brigitta Stockinger **UK**
 2011 Nektarios Tavernarakis **GR**
 2013 Pierre Vanderhaeghen **BE**

Young Investigator Committee

2008 Noel Lowndes **IE** CHAIR
 2011 Bruno Amati **IT**
 2013 Christer Betsholtz **SE**
 2011 Anne Ferguson-Smith **UK**
 2012 Michael Hall **CH**
 2011 Yrjö Helariutta **FI**
 2012 Robert Kaptein **NL**
 2013 Dietmar Schmucker
 2013 Maria Sibilia
 2011 Gisou van der Goot **CH**

Membership Committee

2009 David Sherratt **UK** CHAIR[◇]
 2013 Ewan Birney **UK**
 2011 Irene Bozzoni **IT**
 2012 Nils Brose **DE**
 2013 Maria Pia Cosma **ES**
 2012 Carlos Dotti **ES**
 2011 Andreas Engel **US**
 2009 Anne Ephrussi **DE**, EMBL[◇]
 2011 Gillian M. Griffiths **UK**
 2009 Jane Langdale **UK** ^{*}
 2010 Hans-Dieter Klenk **DE** [◇]
 2010 Poul Nissen **DK** [◇]
 2011 Francesc Posas **ES**
 2013 Jacques Pouysségur **FR**
 2011 Catherine Rabouille **NL**
 2012 Hans-Georg Rammensee **DE**
 2010 Rino Rappuoli **IT** [◇]
 2013 Michel O. Steinmetz **CH**
 2013 Giulio Superti-Furga **AT**
 2012 Olivier Voinnet **CH**

EMBO | EMBL Symposia Committee*

2010 Maria Leptin **DE** CHAIR
 2008 Iain Mattaj **DE**, EMBL CHAIR
 2008 Ewan Birney **UK**
 2008 Ivan Dikic **DE**
 2008 Anne Ephrussi **DE**, EMBL
 2008 Darren Gilmour **DE****^{*}, EMBL
 2011 Michael O. Hengartner **CH**
 2008 Matthias W. Hentze **DE**, EMBL
 2011 Frauke Melchior **DE**
 2008 Christoph Müller **DE**
 2008 Andrew Wilkie **UK**

Science Policy Advisory Group*

2012 Geneviève Almouzni **FR**
 2012 Ioannis Economidis **BE****
 2013 Anne Ephrussi **DE**
 2012 Toivo Maimets **EE****
 2012 Claudio Sunkel **PT**
 2012 Richard Treisman **UK**

Publications Advisory Board*

2010 Reinhard Jahn **DE** Chair
 2010 Peer Bork **DE**, EMBL
 2010 Hermann Bujard **DE**
 2009 Ivan Dikic **DE**
 2011 Robert Kiley **UK****
 2010 Iain Mattaj **DE**, EMBL
 2010 Linda Miller **US****
 2005 Angela Nieto **ES**
 2007 Helen Saibil **UK**
 2010 Tadatsugu Taniguchi **JP****
 2013 Frank Uhlmann
 2013 Pietro De Camilli

FEBS | EMBO Women in Science Committee

2011 Erik Boye **NO**
 2013 Ingrid Grummt **DE**
 2013 Anna Tramontano **IT**
 2013 Cecilia Arraiano **PT**
 2010 Matthew Freeman **UK**
 2013 Erich Nigg **CH**
 2012 Oscar Marin **ES**
 2010 Alfred Wittinghofer **DE**

Internal Auditor (EMBL)

Emilie Berger

External Auditors

Central Audit Service Netherlands

EMBO Audit

KPMG

* Committee includes EMBO Members and external advisers

◇ joined the committee mid 2013

◇ rotated off in 2013

• Elected new chair 2014

EMBO Members 2013

www.embo.org/members

embo@embo.org

Scientists who have made outstanding contributions to the life sciences are nominated and elected annually by the membership. More than 1600 of Europe's leading life scientists are EMBO Members. The membership actively guides the implementation of the many EMBO initiatives offered to scientists by serving on the EMBO Council, Committees and Advisory Editorial Boards.

Name	Institute	Research interest
Asifa Akhtar	MPI für Immunbiologie und Epigenetik Freiburg, Germany	Epigenetic regulation of the X chromosome in flies
Luis Aragón	MRC Clinical Sciences Centre London, United Kingdom	Chromosome metabolism and genome stability
Herwig Baier	MPI für Neurobiologie Martinsried, Germany	Genetic and optical analysis of circuits and behavior
Buzz Baum	MRC Laboratory of Molecular Cell Biology London, United Kingdom	The regulation and function of cell and tissue form
Anne Bertolotti	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Misfolded proteins: deposition, propagation and cure
Michael Boutros	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Genetic interactions in development and cancer
Frank Bradke	Deutsches Zentrum für Neurodegenerative Erkrankungen (DZNE) Bonn, Germany	Axon growth and regeneration
Elena Cattaneo	Università degli Studi Milano, Italy	Stem cells and mechanisms in Huntington's Disease
Christoph Dehio	Biozentrum University of Basel, Switzerland	Role of secretion systems in bacterial persistence
Luciano Di Croce	Centro de Regulación Genómica (CRG) Barcelona, Spain <i>and</i> Institució Catalana de Recerca i Estudis Avançats Barcelona, Spain	Gene transcription in development and diseases
Marileen Dogterom	FOM Institute AMOLF Amsterdam, Netherlands <i>and</i> Leiden University, Netherlands	Reconstitution of complex cytoskeletal systems
Gérard Eberl	Institut Pasteur Paris, France	Lymphocytes, stromal cells and microbiota
Anne Eichmann	Collège de France Paris, France <i>and</i> Yale University School of Medicine New Haven, United States	Guidance of vascular patterning
Isabel Fariñas	Universidad Politécnica de Valencia Burjassot, Spain	Cell biology of adult stem cell niches
Deborah Fass	Weizmann Institute of Science Rehovot, Israel	Catalysts of disulfide formation in proteins
Eileen Furlong	European Molecular Biology Laboratory Heidelberg, Germany	Transcriptional networks during embryonic development

Name	Institute	Research interest
Roger S. Goody	MPI für molekulare Physiologie Dortmund, Germany	Mechanistic basis of vesicular transport
Piet Gros	Utrecht University, Netherlands	Recognition and regulation of mammalian proteins
Ramanujan Hegde	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Membrane protein biogenesis and quality control
Anne Houdusse	Institut Curie Paris, France	Mechanism and cellular roles of molecular motors
Andrew P. Jackson	MRC Human Genetics Unit Edinburgh, United Kingdom	Genetics of growth, inflammation and the brain
Roland Lill	Philipps-Universität Marburg, Germany	Biogenesis of iron-sulfur proteins in eukaryotes
Kaspar Locher	ETH Zurich, Switzerland	Structural biology of membrane proteins
Nicholas Luscombe	Cancer Research UK London Research Institute London, United Kingdom <i>and</i> University College London, United Kingdom	Computational genomics & gene regulation
Paloma Más	Centre for Research in Agricultural Genomics (CRAG) Bellaterra, Spain	Circadian clock function in <i>Arabidopsis thaliana</i>
Matthias Merckenschlager	MRC Clinical Sciences Centre London, United Kingdom	Developmental gene regulation
Daniel Metzger	Institute of Genetics and Molecular and Cellular Biology (IGBMC) Illkirch, France	Nuclear receptor signaling in the mouse
Gioacchino Natoli	IFOM – European Institute of Oncology Milano, Italy	Genomic regulation of inflammation
Ketan Patel	MRC Laboratory of Molecular Biology Cambridge, United Kingdom <i>and</i> University of Cambridge, United Kingdom	Toxic metabolism and DNA repair in stem cells
Fiona Powrie	University of Oxford, United Kingdom	Host microbial interaction in the intestine
Rosario Rizzuto	Università di Padova, Italy	Mitochondrial calcium signalling
Iris Salecker	MRC National Institute for Medical Research (NIMR) London, United Kingdom	Visual circuit assembly in <i>Drosophila</i>
Peter Scheiffele	Biozentrum University of Basel, Switzerland	Synaptogenesis, neuronal network formation, autism
Petra Schwillie	MPI für Biochemie Martinsried, Germany	Synthetic biology of minimal systems
Peter Šebo	Academy of Sciences of the Czech Republic Prague, Czech Republic	Molecular mechanisms of bacterial virulence
Lars Steinmetz	European Molecular Biology Laboratory Heidelberg, Germany <i>and</i> Stanford University Palo Alto, United States	Systems genetics
Françoise Stutz	University of Geneva, Switzerland	Antisense-mediated regulation and mRNA biogenesis

Name	Institute	Research interest
Anu Suomalainen-Wartiovaara	University of Helsinki, Finland <i>and</i> University Central Hospital Helsinki, Finland	Molecular basis of mitochondrial disorders
Shahragim Tajbakhsh	Institut Pasteur Paris, France	Stem cells in development and regeneration
Nicholas Talbot	University of Exeter, United Kingdom	Plant infection by pathogenic fungi
Kostas Tokatlidis	University of Glasgow, United Kingdom <i>and</i> IMBB – FORTH Heraklion, Greece	Mitochondria biogenesis and redox regulation
John van der Oost	Wageningen University, Netherlands	RNA- and DNA-guided interference in prokaryotes
Wolfgang Zachariae	MPI für Biochemie Martinsried, Germany	Control of chromosome segregation in meiosis

EMBO Associate Members 2013

www.embo.org/members

embo@embo.org

Scientists who have made outstanding contributions to the life sciences, and reside in countries other than the member states, are nominated and elected annually by the membership. The membership actively guides the implementation of the many EMBO initiatives offered to scientists by serving on the EMBO Council, Committees and Advisory Editorial Boards. 126 of the world's leading life scientists are EMBO Associate Members.

Name	Institute	Research interest
Bonnie L. Bassler	Princeton University, United States	Cell-to-cell communication in bacteria
Eugene V. Koonin	NIH Bethesda, United States	Comparative and evolutionary genomics
Jiayang Li	Institute of Genetics & Developmental Biology Beijing, China <i>and</i> Chinese Academy of Agricultural Sciences Beijing, China	Plant architecture and starch biosynthesis
Satyajit Mayor	National Centre for Biological Sciences Bangalore, India <i>and</i> Marine Biological Laboratory Woods Hole, United States	Membrane organization and endocytosis
Ruslan M. Medzhitov	Yale University School of Medicine New Haven, United States	Biology of Inflammation
Andre Nussenzweig	NIH Bethesda, United States	Maintenance of genome stability
Yoshinori Ohsumi	Tokyo Institute of Technology Yokohama, Japan	Molecular mechanisms and roles of autophagy
Yigong Shi	Tsinghua University Beijing, China	Structural biology of apoptosis
Nahum Sonenberg	McGill University Montreal, Canada	Translational control in health and disease

The EMBO Journal

THE
EMBO
JOURNAL

For over 30 years, *The EMBO Journal* has published papers describing original research of broad general interest in molecular, cell and developmental biology. The journal also publishes authoritative reviews and commentaries.

Bernd Pulverer
Head

Thomas Lemberger
Deputy Head

Advisory Editorial Board 2013 | *The EMBO Journal*

emboj.embopress.org | contact@embojournal.org

Reuven Agami	Giulio F Draetta	Tony Hunter	Sean Munro	Dirk Schübeler	Detlef Weigel
Andrés Aguilera	Martin Eilers	Ed Hurt	Kiyoshi Nagai	Paul Schulze-Lefert	Stephen C West
Dario Alessi	Jeff Errington	Nancy E Hynes	Christof Niehrs	Luca Scorrano	Eric Westhof
Geneviève Almouzni	Reinhard Fässler	Elisa Izaurrealde	M Angela Nieto	Bertrand Séraphin	Dale Wigley
Johan Auwerx	Susan M Gasser	Stephen P Jackson	Bernd Nilius	Michael Sheetz	Alfred Wittinghofer
David Barford	Holger Gerhardt	Reinhard Jahn	Eisuke Nishida	David J Sherratt	Dieter H. Wolf
Denise P Barlow	Pierre Gönczy	Roland Kanaar	Poul Nissen	Benny Shilo	Richard Wood
Facundo Batista	Magdalena Götz	V. Narry Kim	Paul Nurse	Roberto Sitia	Jeff Wrana
David Baulcombe	Ingrid Grummt	Ruediger Klein	Andre Nussenzweig	Austin Smith	
Anton J Berns	Crisanto Gutierrez	Guido Kroemer	Moshe Oren	Harald Stenmark	Chief Editor
Cedric Blanpain	Christian Haass	Thomas Kunkel	Tom Owen-Hughes	Thomas Surrey	Bernd Pulverer
Chris Bowler	Alan Hall	Karim Labib	Marcus E Peter	Masatoshi Takeichi	Editors
Erik Boye	Michael N Hall	Achim Leutz	Matthias Peter	Sharon Tooze	David del Alamo
Bernd Bukau	Randy Hall	Joachim Lingner	Nikolaus Pfanner	Laszlo Tora	Karin Dumstrei
Javier Caceres	Stephen C Harrison	Bernard Malissen	Jonathon Pines	Hiroki Ueda	Alexander Kohlmaier
Pico Caroni	F Ulrich Hartl	Javier Martinez	Olaf Pongs	Frank Uhlmann	Andrea Leibfried
Christine E Clayton	Carl-Philipp Heisenberg	Joan Massagué	Anthony Pugsley	Daan van Aalten	Anne Nielsen
Hans Clevers	Ari H Helenius	Iain W Mattaj	Peter J Ratcliffe	Gerrit van Meer	Thomas
Daniela Corda	Kristian Helin	Marjori Matzke	Caetano Reis e Sousa	Isabelle Vernos	Schwarz-Romond
Patrick Cramer	Regine Hengge	Ira Mellman	Anne Ridley	Jörg Vogel	Anke Sparmann*
Pietro V De Camilli	Nobutaka Hirokawa	Marco Milán	Marina Rodnina	Olivier Voinnet	Hartmut Vodermaier
Bart De Strooper	Marc Hochstrasser	Sean Morrison	David Ron	Karen Vousden	
Ivan Dikic	Tim Hunt	Jorge Moscat	Helen R Saibil	Gabriel Waksman	
Vishva Dixit		Shmuel Muallem	Philippe J Sansonetti	Michael Way	

*left EMBO in 2013

EMBO reports



EMBO reports publishes short-format papers that communicate a single major finding in any area of molecular biology. Broadly accessible reviews are complemented by a 'Science and Society' section that explores how science is shaping the world.

Advisory Editorial Board 2013 | *EMBO reports*

embor.embopress.org | contact@emboreports.org

Reuven Agami	Claude Desplan	Tony Hunter	Andrea Musacchio	Naruya Saitou	Michael Way
Andrés Aguilera	Ivan Dikic	Elisa Izaurralde	László Nagy	Philippe J. Sansonetti	Beverly Wendland
Dario Alessi	Catherine Drennan	Rudolf Jaenisch	M. Angela Nieto	Lars Schaade	Stephen C. West
Fredrik Bäckhed	Daniel Durocher	Cynthia Kenyon	Bernd Nilius	Gerald Schatten	Marvin Wickens
Vytas Bankaitis	Zvulun Elazar	Batsheva Kerem	Poul Nissen	Claus Scheidereit	Axel Wolff
Mariano Barbacid	Stephen Elledge	Daniel Klionsky	Thomas Nyström	Ueli Schibler	Jerry Workman
Denise P. Barlow	Jeff Errington	Karim Labib	Moshe Oren	Roded Sharan	Hong-Wei Xue
Facundo Batista	Jonathan Frampton	Thomas Langer	Norbert Perrimon	Benny Shilo	Meng-Chao Yao
David Baulcombe	Mike Gale	Roland Lill	Matthias Peter	Haruhiko Siomi	Seppo Ylä-Herttuala
Roger Beachy	Holger Gerhardt	Joachim Lingner	Stefano Piccolo	Titia Sixma	Ada E. Yonath
Peter B. Becker	Cayetano Gonzalez	Trevor Lithgow	Jonathon Pines	Bruce Spiegelman	Hong Zhang
David Bentley	Lawrence Gostin	Manyuan Long	Kathrin Plath	Nicholas Steneck	Jiangzhi Zhang
Anton J. Berns	Magdalena Götz	Jiri Lukas	Joseph Puglisi	Mark Stoneking	Raymond Zilinskas
Lutz Bornman	Jean Gruenberg	Michael Malim	Michael Rape	Jeremy Sugarman	
Michel Bouvier	Leonard Guarente	Bernard Malissen	Peter J. Ratcliffe	Michael Sussman	Chief Editor
Arthur Caplan	Crisanto Gutierrez	Rob Martienssen	Felix Rey	Jesper Svejstrup	Howy Jacobs
Pico Caroni	Ilkka Hanski	Javier Martinez	Hans-Jörg Rheinberger	Nektarios Tavernarakis	Editors
Timothy Caulfield	Christian Hardtke	René Medema	Charles Richardson	Dan Tawfik	Holger Breithaupt
James J. Collins	Stephen C. Harrison	Pascal Meier	Anne Ridley	David Tollervoy	Samuel Caddick
Alan Colman	Daniel Hartl	Ira Mellman	Arie Rip	Laszlo Tora	Nonia Pariente
Barbara Conradt	Bassem Hassan	Marco Milán	Marina Rodnina	Hanna-Marja Voipio	Barbara Pauly
Elizabeth Craig	Volker Haucke	Randall Moon	Pam Ronald	Gabriel Waksman	Esther Schnapp
Beverly Davidson	Yuehui He	Vamsi Mootha	Michael Rosbash	David Wallach	
Mario de Bono	Kristian Helin	Sean Morrison	Eytan Ruppin	Ming-Bo Wang	
Gianni Del Sal	Regina Hengge	Jorge Moscat	Helen R. Saibil	Yoshi Watanabe	

Molecular Systems Biology

molecular
systems
biology

Molecular Systems Biology is an open access journal that publishes papers describing original research in the multidisciplinary areas of systems biology and synthetic biology, focussing on the analysis, integration and modeling of molecular and cellular processes. Its review section provides accessible overviews of the latest advances in systems biology and related fields.

Advisory Editorial Board 2013 | *Molecular Systems Biology*

msb.embopress.org | msb@embo.org

Julie Ahringer
Charles Auffray
Ewan Birney
Tom Blundell
Thomas S Deisboeck
Jan Ellenberg
Michael Elowitz
James Ferrell
Alan Fersht
Stan Fields
Eileen Furlong
Ronald Germain
Mark Gerstein
Frank Holstege
Laurence D Hurst

Sung Hou Kim
Boris Kholodenko
Hiroaki Kitano
Doron Lancet
Andrew J Link
Vamsi Mootha
Jeremy Nicholson
Garry Nolan
Béla Novák
Stephen Oliver
Bernhard Palsson
Norbert Perrimon
Rama Ranganathan
Uwe Sauer
Eric Schadt

Luis Serrano
Lucy Shapiro
Benny Shilo
Pamela Silver
Christina Smolke
Michael Snyder
Peter Sorger
Janet Thornton
Masaru Tomita
Marc Vidal
Albertha (Marian) Walhout
Hans V. Westerhoff
Lothar Willmitzer
John Yates
Marino Zerial

Senior Editors

Ruedi Aebersold
Peer Bork
George Church
Leroy Hood
Edison Liu

Chief Editor

Thomas Lemberger

Editor

Maria Polychronidou

EMBO Molecular Medicine

**EMBO
Molecular
Medicine**

EMBO Molecular Medicine is a broad scope open access research journal dedicated to the interface between clinical research and molecular cell biology. All studies and reviews are characterized by direct relevance for human diseases; work based on model organisms is included within the scope of the journal.

Advisory Editorial Board 2013 | *EMBO Molecular Medicine*

embomolmed.embopress.org | editor@embomolmed.org

Adriano Aguzzi
Dario Alessi
Kari Alitalo
Russ. B. Altman
Stylianos Antonarakis
Alan Ashworth
Karen B. Avraham
Andrea Ballabio
Yann Barrandon
Anton Berns
Clara D. Bloomfield
Pico Caroni
Vivian G. Cheung
Kenneth R. Chien
Hans Clevers
Giulio Cossu
Elisabetta Dejana
Peter Dirks
Oliver Eickelberg
Martin Eilers
Marc Feldmann
Alain Fischer
Uta Francke
Philippe Froguel

Fred H. Gage
Gerardo Gamba
Martin Gleave
Frank G. Grosveld
Christian Haass
Carl-Henrik Heldin
Matthias Hentze
Doug Hilton
Jan Hoeijmakers
Gökhan S. Hotamışlıgil
Nancy E. Hynes
Alain Israel
Barbara B. Kahn
Cynthia Kenyon
Robert S. Kerbel
Jean-Pierre Kinet
Jonathan K. C. Knowles
Guido Kroemer
Andreas E. Kulozik
Christopher J. Marshall
Joan Massagué
Anthony P. Monaco
Salvador Moncada
Pierluigi Nicotera

Bernd Nilius
Stephen O'Rahilly
Eric N. Olson
Albert Osterhaus
Manolis Pasparakis
Christine Petit
Kornelia Polyak
Rino Rappuoli
Peter J. Ratcliffe
Gideon Rechavi
Paola Ricciardi-Castagnoli
Nadia Rosenthal
Philippe Sansonetti
Richard Schilsky
Yosef Shiloh
Gerald Shulman
Austin G. Smith
Bruce Spiegelman
Deepak Srivastava
Giulio Superti-Furga
Elaine I. Tuomanen
Axel Ulrich
Veronica van Heyningen
Inder M. Verma

Simon Wain-Hobson
Gerd Walz
Fiona Watt
Christian Weber

Senior Editors

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

Chief Editor

Stefanie Dimmeler

Editors

Roberto Buccione
Céline Carret

EMBO Fellowships

www.embo.org/funding-awards/fellowships

fellowships@embo.org

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.

Andrea Hutterer
Programme Manager

EMBO Long-Term Fellowships →→

EMBO Long-Term Fellowships: Statistics

Applications and awards 1977–2013

Year	Applications	Awards	Success rate %
2013	1645	185	11
2012	1555	247	16
2011	1633	268	16
2010	1668	275	16
2009	1332	258	19
2008	1218	215	18
2007	1288	212	16
2006	1232	222	18
2005	1236	198	16
2004	1137	163	14
2003	1080	164	15
2002	790	178	22
2001	645	147	23
2000	707	155	22
1999	830	170	20
1998	790	144	18
1997	831	185	22
1996	898	160	18
1995	877	147	17
1994	806	176	22
1993	739	199	27
1992	626	142	23
1991	571	139	24

Year	Applications	Awards	Success rate %
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: Statistics

Applications and awards 2000–2013

Country from	Applications	% of total	Awards	% of total	Success rate %
Austria	234	1	68	2	29
Belgium	273	2	48	2	18
Croatia	94	1	16	1	17
Czech Republic	153	1	22	1	14
Denmark	115	1	23	1	20
Estonia	26	<1	1	<1	4
Finland	179	1	30	1	17
France	2882	17	455	16	16
Germany	1881	11	489	17	26
Greece	335	2	68	2	20
Hungary	203	1	25	1	12
Iceland	18	<1	3	<1	17
Ireland	148	1	16	1	11
Israel	944	5	184	6	19
Italy	1190	7	177	6	15
Luxembourg	2	<1	2	<1	100
Netherlands	601	4	129	4	21
Norway	31	<1	4	<1	13
Poland	300	2	52	2	17
Portugal	424	2	86	3	20
Slovak Republic	35	<1	4	<1	11
Slovenia	50	<1	2	<1	4
Spain	2201	13	228	8	10
Sweden	571	3	75	3	13
Switzerland	264	2	70	2	27
Turkey	135	1	15	1	11
United Kingdom	726	4	112	4	15
Eastern Europe	359	2	41	1	11
USA/Canada	727	4	160	6	22
Others	2066	12	282	10	14
Total	17166	100	2887	100	17

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Aichinger, Martin	Austrian	Ludwig Maximilian University, Munich, Germany	Zuber, Johannes	Research Institute of Molecular Pathology, Vienna, Austria	An <i>in vivo</i> RNAi approach to identify and evaluate suppressors of anti-tumor T cell immunity
Paul, Petra	Austrian	The Netherlands Cancer Institute, Amsterdam, Netherlands	Münz, Christian	University of Zurich, Switzerland	Regulation of macroautophagy by viral pathogens
Popow, Johannes	Austrian	Institute of Molecular Biotechnology, Vienna, Austria	Hentze, Matthias W.	European Molecular Biology Laboratory, Heidelberg, Germany	Molecular mechanisms employed by the newly assigned RNA-binding protein FASTKD2
Weismann, David	Austrian	Medical University of Vienna, Austria	Jackson, Stephen P.	Wellcome Trust/Cancer Research UK Gurdon Institute, Cambridge, United Kingdom	Identifying suppressors of DNA damage hypersensitivity in Ataxia telangiectasia and Fanconi anaemia
Winter, Georg	Austrian	Research Center for Molecular Medicine of the Austrian Academy of Sciences, Vienna, Austria	Bradner, James	Dana-Farber Cancer Institute, Boston, United States	CHASE/R: CHArting Synthetic LEthalities/Resistances to BET inhibition in cancer
Alsteens, David	Belgian	Catholic University of Leuven, Belgium	Müller, Daniel J.	Swiss Federal Institute of Technology, Basel, Switzerland	Multifunctional high-resolution imaging of lipid-dependent EGF receptor assembly and regulation in living human cells
Dirkx, Ellen	Belgian	Maastricht University, Netherlands	Giacca, Mauro	International Centre for Genetic Engineering and Biotechnology, Trieste, Italy	Targeting the miRNA-25-106b cluster in pathological cardiac hypertrophy
Van Den Berghe, Veronique	Belgian	Catholic University of Leuven, Belgium	Marín, Oscar	Miguel Hernández University, Alicante, Spain	Cellular and molecular mechanisms controlling the integration of CGE interneurons into cortical circuits
Van Haute, Lindsey	Belgian	Free University of Brussels, Belgium	Minczuk, Michal	Medical Research Council Mitochondrial Biology Unit, Cambridge, United Kingdom	Genetic modification of mitochondria
Van Hoecke, Annelies	Belgian	Flanders Interuniversity Institute for Biotechnology, Catholic University of Leuven, Belgium	Klein, Rüdiger	Max Planck Institute of Neurobiology, Martinsried, Germany	Molecular mechanisms of synapse formation and physiology
Aylett, Christopher	British	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Ban, Nenad	Swiss Federal Institute of Technology, Zurich, Switzerland	A structural study of the interaction between eukaryotic translation initiation factor 3 and the 40S ribosomal subunit

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Harris, Andrew	British	University College London, United Kingdom	Fletcher, Daniel	University of California, Berkeley, United States	Reversion and induction of the malignant phenotype by the mechanical properties of the extracellular matrix and YAP/TAZ induced actin remodelling
Humphries, Ashley	British	Cancer Research UK, London Research Institute, United Kingdom	Mlodzik, Marek	Mount Sinai School of Medicine, New York, United States	Elucidation and molecular characterisation of the signalling network downstream of Vang activation by Frizzled
McDowell, Melanie	British	University of Oxford, United Kingdom	Sinning, Irmgard	Heidelberg University Biochemistry Center, Germany	Structural characterisation of tail-anchored protein membrane insertion by the GET pathway
Miell, Matthew	British	University of Edinburgh, United Kingdom	Straight, Aaron	Stanford University School of Medicine, United States	Regulation of kinetochore assembly
Salker, Madhuri	British	Imperial College London, United Kingdom	Lang, Florian	University of Tübingen, Germany	Mechanisms of human reproductive failure: roles of endometrial SGK1
Tuck, Alex	British	University of Edinburgh, United Kingdom	Buehler, Marc	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Long non-coding RNA functions in cell fate decisions
Whittle, Andrew	British	University of Cambridge, United Kingdom	De Lecea, Luis	Stanford University School of Medicine, United States	Defining the role of the specific neuronal populations in the regulation of thermogenesis and energy balance
Woolcock, Katrina	British	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Mochizuki, Kazufumi	Institute of Molecular Biotechnology, Vienna, Austria	Dissecting the mechanism of small RNA-mediated transgenerational genome surveillance in <i>Tetrahymena</i>
Kalebic, Nereo	Croatian	European Molecular Biology Laboratory, Monterotondo, Italy	Huttner, Wieland B.	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Identification and functional analysis of genes regulating the evolutionary expansion of the neocortex in gyrencephalic mammals
Marinic, Mirna	Croatian	European Molecular Biology Laboratory, Heidelberg, Germany	Chan, Frank	Friedrich Miescher Laboratory of the Max Planck Society, Tübingen, Germany	Long-range gene regulation and evolution of the developmental regulator gene Pitx1
Kaucká, Markéta	Czech	Masaryk University, Brno, Czech Republic	Adameyko, Igor	Karolinska Institute, Stockholm, Sweden	Targeted cell recruitment during organogenesis and regeneration: Glia makes the tooth
Rezabkova, Lenka	Czech	Charles University in Prague, Czech Republic	Steinmetz, Michel O.	Paul Scherrer Institute, Villigen, Switzerland	Molecular basis of centriole length control
De Jonge, Ronnie	Dutch	Wageningen University, Netherlands	Van de Peer, Yves	Flanders Interuniversity Institute for Biotechnology, Ghent University, Belgium	Chromosome reshuffling: Driver of asexual genome evolution?

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Feijs, Karla	Dutch	RWTH Aachen University, Germany	Ahel, Ivan	University of Oxford, United Kingdom	Characterization of macrodomain-proteins in the regulation of protein ADP-ribosylation
Groen, Martine Rosa	Dutch	VU University Amsterdam, Netherlands	Häusser, Michael	University College London, United Kingdom	Seeing with dendrites: Orientation recognition within a single neuron
Quax, Tessa	Dutch	Wageningen University, Netherlands	Albers, Sonja-Verena	Max Planck Institute for Terrestrial Microbiology, Marburg, Germany	Motility in the third domain of life: The haloarchaeal way to move
Van Der Does, Dieuwertje Adriana	Dutch	Utrecht University, Netherlands	Zipfel, Cyril	The Sainsbury Laboratory, Norwich, United Kingdom	Characterization of the role of a novel plant receptor-like kinase in cell wall integrity sensing
Van Zanten, Thomas	Dutch	The Institute of Photonic Sciences, Castelldefels, Spain	Mayor, Satyajit	National Centre for Biological Sciences, Bangalore, India	Dissecting the role of actin in organizing plasma membrane components at the nanoscale and how it assists in self- organization upon receptor activation
Wijner, Erik	Dutch	Wageningen University, Netherlands	Schnittger, Arp	University of Strasbourg, France	The regulation of crossover interference in <i>Arabidopsis thaliana</i>
Liljeroos, Lassi	Finnish	University of Helsinki, Finland	Briggs, John	European Molecular Biology Laboratory, Heidelberg, Germany	SNARE-mediated membrane fusion in 3D
Nikkila, Jenni	Finnish	University of Oulu, Finland	Ashworth, Alan	Institute of Cancer Research, London, United Kingdom	Identifying and characterizing synthetic lethal targets for APOBEC3B deficiency
Ablain, Julien	French	French National Institute of Health and Medical Research, Paris, France	Zon, Leonard	Boston Children's Hospital, United States	Defining driver tumor suppressors for melanoma using the zebrafish
Alassimone, Julien	French	University of Lausanne, Switzerland	Bergmann, Dominique	Stanford University, United States	Revealing connections between polarity establishment and cell fate in a dynamic developmental system
Albert, Benjamin	French	Paul Sabatier University, Toulouse, France	Shore, David M.	University of Geneva, Switzerland	Regulation of transcription: A topological point of view
Augereau, Adeline	French	Institute of Research on Cancer and Ageing, Nice, France	Gladyshev, Vadim	Harvard Medical School, Boston, United States	Roles of telomeres and a tumor suppressor in aging and cancer: Insights from the naked mole rat
Bardet, Anaïs	French	Research Institute of Molecular Pathology, Vienna, Austria	Schübeler, Dirk	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Transcription factor sensitivity to repressive histone and DNA modifications
Bienaimé, Frank	French	French National Institute of Health and Medical Research, Paris, France	Kühn, Wolfgang	University Medical Center Freiburg, Germany	Interplay between polycystins and hedgehog signaling in the primary cilia and its relation to renal cystogenesis

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Bouvrais, Hélène	French	University of Southern Denmark, Odense, Denmark	Pécreaux, Jacques	University of Rennes 1, France	Microtubules generate forces and create positional feedback to control spindle arrangement, orientation and position during cell division
Bruchard, Mélanie	French	University of Burgundy, Dijon, France	Spits, Hergen	Academic Medical Center, Amsterdam, Netherlands	Impacts of innate lymphoid cells on anti-tumor immune responses in human colorectal cancer
Caron, Pierre	French	Paul Sabatier University, Toulouse, France	Van Attikum, Haico	Leiden University Medical Center, Netherlands	Elucidating the role of chromatin remodelling in the DNA damage response
Cioni, Jean-Michel	French	Institute of Functional Genomics, Montpellier, France	Holt, Christine	University of Cambridge, United Kingdom	The role of the localized protein synthesis in pre-target retinal axon sorting
Cortijo, Sandra	French	École Normale Supérieure, Paris, France	Wigge, Philip	University of Cambridge, United Kingdom	What controls the ambient temperature transcriptome?
Diebold, Marie-Laure	French	Institute of Genetics and Molecular and Cellular Biology, Illkirch, France	Gruber, Stephan	Max Planck Institute of Biochemistry, Martinsried, Germany	Structural studies on the SMC complexes from <i>Bacillus subtilis</i> : Understanding ring opening at the molecular level
Gibeaux, Romain	French	European Molecular Biology Laboratory, Heidelberg, Germany	Heald, Rebecca	University of California, Berkeley, United States	Investigating biological size control with two frog species, <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i>
Jaeger, Baptiste	French	Marseille Luminy Immunology Centre, France	Gage, Fred	Salk Institute for Biological Studies, La Jolla, United States	Characterization of neuroinflammation and alpha-synuclein-induced neurotoxicity in Parkinson's disease
Julien, Philippe	French	University of Lausanne, Switzerland	Lehner, Ben	Center for Genomic Regulation, Barcelona, Spain	Determinants of somatic and germline mutation rate variation in multicellular organisms
Jurado, Sabine	French	St Vincent's Institute of Medical Research, Fitzroy, Australia	Busslinger, Meinrad	Research Institute of Molecular Pathology, Vienna, Austria	Role of the Pax5-JAK2 fusion protein during B cell development and leukemia formation
Latil, Mathilde	French	Pasteur Institute, Paris, France	Blanpain, Cédric	Free University of Brussels, Belgium	Defining the origin of tumor heterogeneity in skin squamous cell carcinoma
Morlot, Sandrine	French	University of Geneva, Switzerland	Charvin, Gilles	Institute of Genetics and Molecular and Cellular Biology, Illkirch, France	Quantitative single-cell study of the effects of dietary restriction on longevity
Nora, Elphege	French	Curie Institute, Paris, France	Bruneau, Benoit	The J. David Gladstone Institutes, San Francisco, United States	Understanding the interplay between cis-acting elements and transcription factors during cardiac cell differentiation
Piazza, Aurele	French	Curie Institute, Paris, France	Heyer, Wolf-Dietrich	University of California, Davis, United States	Mechanism of homology search during homologous recombination
Picardo, Michel	French	French National Institute of Health and Medical Research, Marseille, France	Long, Michael	New York University Medical Center, United States	Two-photon calcium imaging of premotor sequences in the singing bird

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Bringmann, Martin	German	Max Planck Institute of Molecular Plant Physiology, Potsdam-Golm, Germany	Bergmann, Dominique	Stanford University, United States	Unraveling plant specific mechanisms of cell polarization and fate acquisition
Dolde, Christine	German	German Cancer Research Center, Heidelberg, Germany	Suter, Beat	University of Bern, Switzerland	DEAD box RNA helicases regulate the activity of casein kinase 1
Förster, Dominique	German	University of Zurich, Switzerland	Baier, Herwig	Max Planck Institute of Neurobiology, Martinsried, Germany	Neural circuit dissection in zebrafish by light-mediated synaptic vesicle degradation
Frese, Christian	German	Utrecht University, Netherlands	Krijgsveld, Jeroen	European Molecular Biology Laboratory, Heidelberg, Germany	Global characterization of RNA-protein interaction sites in dynamic biological systems
Ganal, Stephanie	German	Albert Ludwig University of Freiburg, Germany	MacPherson, Andrew	University of Bern, Switzerland	Characterization of maternal microbiota-dependent imprinting of the neonatal immune system
Haensel-Hertsch, Robert	German	Goethe University Frankfurt, Germany	Balasubramanian, Shankar	University of Cambridge, United Kingdom	DNA quadruplexes and their role in the development of solar UVA-induced genomic instability
Huttenhain, Ruth	German	Swiss Federal Institute of Technology, Zurich, Switzerland	Krogan, Nevan	University of California, San Francisco, United States	Systematic investigation of network dynamics at the interface between HIV-1 proteins and the host cellular ubiquitin machinery
Kaluza, David	German	Goethe University Frankfurt, Germany	Jakobsson, Lars	Karolinska Institute, Stockholm, Sweden	Role of vascular laminin $\gamma 1$ (lamc1) in blood vessel formation and vascular homeostasis in physiological and pathophysiological conditions
Kamburov, Atanas Marinov	German	Max Planck Institute for Molecular Genetics, Berlin, Germany	Vidal, Marc	Dana-Farber Cancer Institute, Boston, United States	Identifying molecular mechanisms and predicting disease risk and severity of cancer-causative mutations through analysis of mutation-induced alterations of the human interactome
Klengel, Torsten	German	Max Planck Institute of Psychiatry, Munich, Germany	Ressler, Kerry J.	Emory University, Atlanta, United States	Transgenerational inheritance of stress-evoked epigenetic modifications in human and mice
Koch, André	German	Friedrich Miescher Laboratory of the Max Planck Society, Tübingen, Germany	Medema, René	The Netherlands Cancer Institute, Amsterdam, Netherlands	ForCIN cancer cells to die
Lechtenberg, Bernhard	German	University of Cambridge, United Kingdom	Riedl, Stefan	Sanford-Burnham Medical Research Institute, United States	Structure and mechanism of ERK signaling complexes in ERK pathway regulation

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Martin, Thomas	German	Technical University of Munich, Garching, Germany	Scheres, Sjors	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Molecular insights into the design of 3D DNA origami structures
Motz, Carina	German	Ludwig Maximilian University, Munich, Germany	Carter, Andrew P.	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Structure and function of the cytoplasmic dynein tail
Neu, Ursula	German	University of Tübingen, Germany	Gamblin, Steven	Medical Research Council National Institute for Medical Research, London, United Kingdom	Structural studies on influenza virus fusion
Padeken, Jan	German	Max Planck Institute of Immunobiology and Epigenetics, Freiburg, Germany	Gasser, Susan M.	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Identification of factors regulating heterochromatin boundaries and identity in <i>C. elegans</i>
Palm, Wilhelm	German	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Thompson, Craig	Memorial Sloan-Kettering Cancer Center, New York, United States	Macropinocytosis of extracellular protein-impact on cellular nutrient sensing and metabolism
Panier, Stephanie	German	Mount Sinai Hospital, Toronto, Canada	Boulton, Simon	Cancer Research UK, London Research Institute, United Kingdom	Investigating the mechanisms that underlie the BRCA1/CtIP-dependent inhibition of RIF1 during DNA double-strand break repair pathway choice
Peschek, Jirka	German	Technical University of Munich, Garching, Germany	Walter, Peter	University of California, San Francisco, United States	Biophysical characterization of the oligomerization state/activity relationship in the ER stress sensor Ire1
Petzold, Georg	German	Research Institute of Molecular Pathology, Vienna, Austria	Thomä, Nicolas	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Seeing how dual recognition of UV-induced DNA damage links chromatin decondensation to DNA repairosome assembly
Pilz, Gregor-Alexander	German	Helmholtz Center, Neuherberg, Germany	Jessberger, Sebastian	University of Zurich, Switzerland	Characterizing adult neural stem cell fate and neural plasticity using <i>in vivo</i> two-photon microscopy
Rothballer, Andrea	German	Swiss Federal Institute of Technology, Zurich, Switzerland	Bell, Stephen	Massachusetts Institute of Technology, Cambridge, United States	Elucidating the impact of nucleosome occupation and remodeling on DNA replication
Saab, Aiman S.	German	Max Planck Institute for Experimental Medicine, Göttingen, Germany	Weber, Bruno	University of Zurich, Switzerland	Investigating glial and neuronal energy metabolism with optical sensors <i>in vivo</i>

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Sagner, Andreas Martin	German	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Briscoe, James	Medical Research Council National Institute for Medical Research, London, United Kingdom	Investigation of the molecular mechanisms ensuring precision and reproducibility of Sonic hedgehog mediated patterning in the vertebrate ventral neural tube
Schuetz, Anne	German	Swiss Federal Institute of Technology, Zurich, Switzerland	Kay, Lewis	University of Toronto, Canada	Solution NMR studies of the regulatory particle of the proteasome
Schwitala, Sarah	German	Technical University of Munich, Germany	Daley, George	Boston Children's Hospital, United States	Metabolic reprogramming by Lin28 in intestinal tumorigenesis
Strenkert, Daniela	German	University of Kaiserslautern, Germany	Merchant, Sabeeha	University of California, Los Angeles, United States	Genome-wide discovery and functional analyses of long non-coding RNAs in <i>Chlamydomonas</i>
Welz, Patrick-Simon	German	University of Cologne, Germany	Aznar-Benitah, Salvador	Center for Genomic Regulation, Barcelona, Spain	<i>In vivo</i> identification and characterisation of metastasis promoting cell populations in human squamous cell carcinomas
Wolff, Steffen	German	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Ölveczky, Bence	Harvard University, Cambridge, United States	Motor cortex: A tutor for the basal ganglia?
Georgiadou, Maria	Greek	Flanders Interuniversity Institute for Biotechnology, Catholic University of Leuven, Belgium	Ivaska, Johanna	University of Turku, Finland	The metabolic regulation of integrin activity in tumour invasion and metastasis
Gonatopoulos Pournatzis, Thomas	Greek	University of Dundee, United Kingdom	Blencowe, Benjamin	University of Toronto, Canada	Identification and characterization of the alternative splicing events that regulate translational output in mammalian cells
Kamileri, Eirini	Greek	Institute of Molecular Biology and Biotechnology, Heraklion, Greece	Halazonetis, Thanos	University of Geneva, Switzerland	A mouse model to study the role of POLD3 in adult homeostasis and cancer development
Tsiatsiani, Styliani (Iiana)	Greek	Ghent University, Belgium	Heck, Albert J.R.	Utrecht University, Netherlands	Exploring fungi for the identification of novel proteases 'on demand'
Norddahl, Gudmundur	Icelandic	Lund University, Sweden	Humphries, Richard	British Columbia Cancer Agency, Vancouver, Canada	The origin and development of human leukemic stem cells
Amara, Neri	Israeli	Ben-Gurion University of the Negev, Beer-Sheva, Israel	Bogyo, Matthew	Stanford University School of Medicine, United States	Profiling matrix metallo-proteases (MMPs): Selective identification and characterization of individual members using protein engineering coupled with activity based labeling

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Amdursky, Nadav	Israeli	Weizmann Institute of Science, Rehovot, Israel	Stevens, Molly	Imperial College London, United Kingdom	<i>In vitro</i> self-assembly of bacterial pilus toward understanding biological long-range electron transport and the formation of conductive polymers
Ben-David, Uri	Israeli	The Hebrew University of Jerusalem, Israel	Golub, Todd	The Broad Institute, Cambridge, United States	Revealing vulnerabilities of tumor-specific chromosomal aberrations in human cancer
Bester, Assaf	Israeli	The Hebrew University of Jerusalem, Israel	Pandolfi, Pier Paolo	Beth Israel Deaconess Medical Center, Boston, United States	Post-transcriptional regulation of embryonic genes in cancer stem cells by ceRNA
Biton, Moshe	Israeli	The Hebrew University of Jerusalem, Israel	Regev, Aviv	The Broad Institute, Cambridge, United States	Systematic identification and characterization of novel intestinal epithelial innate immune effectors
Blitz, Einat	Israeli	Weizmann Institute of Science, Rehovot, Israel	Stainier, Didier	Max Planck Institute for Heart and Lung Research, Bad Nauheim, Germany	Cellular and molecular mechanisms underlying thyroid regeneration and repair
Burko, Yogev	Israeli	The Hebrew University of Jerusalem, Rehovot, Israel	Chory, Joanne	Salk Institute for Biological Studies, La Jolla, United States	The role of Phytochrome Interacting Factors (PIFs) in shade avoidance syndrome
Habib, Naomi	Israeli	The Hebrew University of Jerusalem, Israel	Zhang, Feng	The Broad Institute, Cambridge, United States	Elucidating the role of non-coding RNAs in neuronal activity by single neuron RNA-seq
Kapishnikov, Sergey	Israeli	Weizmann Institute of Science, Rehovot, Israel	Schneider, Gerd	Helmholtz Center, Berlin, Germany	The mechanism of action of anti-malarial drugs involving hemozoin crystals as a target: A correlative study with nanoscale X-ray and visible light microscopy
Lieberman-Isakov, Noa	Israeli	Weizmann Institute of Science, Rehovot, Israel	Sinclair, David	Harvard Medical School, Boston, United States	Signaling and regulation of nuclear-mitochondrial genome synchrony
Ludin Tal, Aya	Israeli	Weizmann Institute of Science, Rehovot, Israel	Zon, Leonard	Harvard University, Cambridge, United States	Mechanisms underlying the interaction between myeloid cells and melanoma
Shalem, Ophir	Israeli	Weizmann Institute of Science, Rehovot, Israel	Zhang, Feng	The Broad Institute, Cambridge, United States	Optimization and application of the CRISPR-Cas system for <i>in vitro</i> modeling of multiple loci genetic neurodegenerative disease
Shemesh, Noam	Israeli	Weizmann Institute of Science, Rehovot, Israel	Gruetter, Rolf	Swiss Federal Institute of Technology, Lausanne, Switzerland	Non-invasively deciphering the molecular underpinnings of Chr2-induced brain activity via magnetic resonance spectroscopy and imaging
Stelzer, Yonatan	Israeli	The Hebrew University of Jerusalem, Israel	Jaenisch, Rudolf	Whitehead Institute for Biomedical Research, Cambridge, United States	Single-cell expression analyses during mouse somatic cell nuclear transfer to identify facilitators of cellular reprogramming
Weiner, Allon	Israeli	Weizmann Institute of Science, Rehovot, Israel	Enninga, Jost	Pasteur Institute, Paris, France	Deciphering how <i>Shigella</i> traverses the endocytic pathway, diverges from it and causes vacuolar rupture

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Zeytuni, Natalie	Israeli	Ben-Gurion University of the Negev, Beer-Sheva, Israel	Strynadka, Natalie	University of British Columbia, Vancouver, Canada	Structural, biochemical and inhibitory analysis of the ESX-secretion system essential for tuberculosis pathogenesis
Beltramo, Riccardo	Italian	Italian Institute of Technology, Genoa, Italy	Scanziani, Massimo	University of California San Diego, La Jolla, United States	Functional roles of Vasoactive-Intestinal-Peptide (VIP) interneurons in visual perception
Cabianca, Daphne Selvaggia	Italian	San Raffaele Scientific Institute, Milan, Italy	Gasser, Susan M.	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Functional organization of heterochromatin at the nuclear periphery in cell differentiation
Caiati, Maddalena Delma	Italian	International School for Advanced Studies of Trieste, Italy	Hensch, Takao	Harvard University, Cambridge, United States	Impact of the BDNF Val66Met polymorphism on the functional and anatomical map of developmental trajectories across cortical domains
Caruso, Roberta	Italian	University of Rome Tor Vergata, Italy	Nuñez, Gabriel	University of Michigan Medical School, Ann Arbor, United States	Specific role of CD-associated Nod2 mutations in intestinal immunity and host-defense to bacterial pathogens
Donato, Flavio	Italian	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Moser, Edvard	Norwegian University of Science and Technology, Trondheim, Norway	Functional analysis of developmentally defined subpopulations of cells in the entorhinal cortex underlying microcircuits for space coding and remapping
Faini, Marco	Italian	European Molecular Biology Laboratory, Heidelberg, Germany	Aebersold, Ruedi	Swiss Federal Institute of Technology, Zurich, Switzerland	An integrative technology to determine structural and topological changes in MLL protein complexes upon mutation
Festuccia, Nicola	Italian	University of Edinburgh, United Kingdom	Navarro, Pablo	Pasteur Institute, Paris, France	Esrrb function in mitotic bookmarking
Mattioli, Francesca	Italian	The Netherlands Cancer Institute, Amsterdam, Netherlands	Luger, Karolin	Colorado State University, Fort Collins, United States	Structural and functional studies on Chromatin Assembly Factor 1 (CAF-1)
Mongera, Alessandro	Italian	Max Planck Institute for Developmental Biology, Tübingen, Germany	Campas, Otger	University of California, Santa Barbara, United States	Biomechanics of gastrulation: Cellular force fields and Wnt/PCP-mediated collective cell movements in early zebrafish development
Olivieri, Daniel	Italian	Institute of Molecular Biotechnology, Vienna, Austria	Berezikov, Eugene	University Medical Center Groningen, Netherlands	piRNAs and transposons in aging stem cells: What is left at the end of the battle?
Ramundo, Silvia	Italian	University of Geneva, Switzerland	Walter, Peter	University of California, San Francisco, United States	Elucidating the signaling network of the chloroplast unfolded protein response (cpUPR)
Salvi, Nicola	Italian	Swiss Federal Institute of Technology, Lausanne, Switzerland	Wagner, Gerhard	Harvard Medical School, Boston, United States	The role of protein dynamics in allosteric mechanisms regulating protein interactions

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Sasselli, Valentina	Italian	Medical Research Council National Institute for Medical Research, London, United Kingdom	Clevers, Hans C.	Hubrecht Institute, Utrecht, Netherlands	Biophysical regulation of intestinal stem cell homeostasis
Scacchi, Emanuele	Italian	University of Lausanne, Switzerland	Weigel, Detlef	Max Planck Institute for Developmental Biology, Tübingen, Germany	Global approach to dissect miRNA-mediated leaf morphospace determination
Spinazzi, Marco	Italian	University of Padua, Italy	De Strooper, Bart	Flanders Interuniversity Institute for Biotechnology, Catholic University of Leuven, Belgium	Unraveling the role of the mitochondrial rhomboid PARL in the nervous system
Trovò, Laura	Italian	Flanders Interuniversity Institute for Biotechnology, Catholic University of Leuven, Belgium	Misgeld, Thomas	Technical University of Munich, Germany	Role of cholesterol in acute and chronic axon degeneration
Mersch, Danielle	Luxembourger	University of Lausanne, Switzerland	Jefferis, Gregory	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Behavioral and neuronal integration of sex pheromone and food odor in <i>Drosophila</i>
Bialecka, Monika	Polish	Utrecht University, Netherlands	Zernicka-Goetz, Magdalena	Wellcome Trust/Cancer Research UK Gurdon Institute, Cambridge, United Kingdom	Following blastocyst to egg-cylinder transition: deciphering implantation and embryonic body formation <i>in vitro</i>
Kozik, Patrycja	Polish	University of Cambridge, United Kingdom	Amigorena, Sebastian	Curie Institute, Paris, France	Mechanism and regulation of antigen translocation during cross-presentation
Krzyzosiak, Agnieszka	Polish	Institute of Genetics and Molecular and Cellular Biology, Illkirch, France	Bertolotti, Anne	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Identification of novel strategies to rescue proteasome defects: Application to misfolding diseases
Romanowska, Julia	Polish	University of Warsaw, Poland	Wade, Rebecca	Heidelberg Institute for Theoretical Studies, Germany	Understanding protein behavior in cell-like crowded and confined systems
Sikora, Mateusz	Polish	Polish Academy of Sciences, Warsaw, Poland	Heisenberg, Carl Philipp	Institute of Science and Technology, Klosterneuburg, Austria	Modulation of adhesion function in cell-cell contact formation by cortical tension
Włodarski, Tomasz	Polish	University of Warsaw, Poland	Christodoulou, John	University College London, United Kingdom	Combined NMR and computational studies of co-translational folding and misfolding on the ribosome

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Leite De Oliveira, Rodrigo	Portuguese	Flanders Interuniversity Institute for Biotechnology, Catholic University of Leuven, Belgium	Bernards, René	The Netherlands Cancer Institute, Amsterdam, Netherlands	Synthetic lethality approach to overcome resistance to anti-angiogenic therapies
Pinto Couto Silva, Joana	Portuguese	University of Porto, Portugal	Bentires-Alj, Mohamed	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Metabolic switch during mutant PI3K- induced breast tumorigenesis and metastasis
Castillo, Sandra	Spanish	Bellvitge Biomedical Research Institute, L'Hospitalet de Llobregat, Spain	Vanhaesebroeck, Bart	University College London, United Kingdom	Non-cell autonomous effects of PI3-kinase pathway activation in tissue overgrowth and cancer
Chocarro, Ana	Spanish	King Juan Carlos University, Alcorcón, Spain	Goding, Colin	University of Oxford, United Kingdom	Lipid mediated activation of β -catenin in melanoma biology
Espinet Hernandez, Elisa Maria	Spanish	Institute for Research in Biomedicine, Barcelona, Spain	Trumpf, Andreas	German Cancer Research Center, Heidelberg, Germany	Characterization and therapeutic implication of the distinct stromal compartments of pancreatic cancer subtypes
González Santana, Andrés	Spanish	Institute of Natural Products and Agrobiology, La Laguna, Spain	Withers, Stephen	University of British Columbia, Vancouver, Canada	Design, synthesis and biological evaluation of pharmacological chaperones for the treatment of Gaucher disease
Irisarri, Iker	Spanish	Spanish National Research Council, Madrid, Spain	Meyer, Axel	University of Konstanz, Germany	Lungfish transcriptomes to unfold the genomic innovations during the conquest of land by vertebrates
Martínez Macías, María Isabel	Spanish	University of Córdoba, Spain	Caldecott, Keith	University of Sussex, Brighton, United Kingdom	DNA single-strand break repair and gene transcription
Massanella, Marta	Spanish	IrsiCaixa Institute for AIDS Research, Badalona, Spain	Richman, Douglas	University of California San Diego, La Jolla, United States	Identification and characterization of the HIV-latent reservoir in HIV-suppressed individuals
Merino-Serrais, Paula	Spanish	Technical University of Madrid, Spain	Cedazo-Minguez, Angel	Karolinska Institute, Huddinge, Sweden	Role of oxysterols in Alzheimer's disease
Navas, Carolina	Spanish	Spanish National Cancer Research Centre, Madrid, Spain	Swanton, Charles	Cancer Research UK, London Research Institute, United Kingdom	Identification of CIN suppressors: Emerging role of DNA replication stress and STED2 in the initiation of genomic instability
Santiago Cuellar, Julia	Spanish	Institute for Plant Molecular and Cell Biology, Valencia, Spain	Hothorn, Michael	Friedrich Miescher Laboratory of the Max Planck Society, Tübingen, Germany	Mechanistic insights into the activation mechanism of LRR-RK receptors by co-receptor kinases, and their role in triggering plant membrane signaling
Xiol, Jordi	Spanish	European Molecular Biology Laboratory, Grenoble, France	Moazed, Danesh	Harvard Medical School, Boston, United States	Analysing the determinants for epigenetic inheritance of heterochromatin in fission yeast

EMBO Long-Term Fellowships awarded in 2013 | EMBC Member States' nationals

Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Follonier, Cindy	Swiss	University of Zurich, Switzerland	Zakian, Virginia	Princeton University, United States	Genomic functions of the human PIF1 DNA helicase: 'How does it suppress breast cancer?'
Frei, Andreas	Swiss	Swiss Federal Institute of Technology, Zurich, Switzerland	Nolan, Garry P.	Stanford University School of Medicine, United States	Continuous single-cell reference maps for the induced epigenetic reprogramming of cells
Herzig, Sébastien	Swiss	University of Geneva, Switzerland	Shaw, Reuben	Salk Institute for Biological Studies, La Jolla, United States	Identification of novel transcriptional effectors of AMPK
Neurohr, Gabriel	Swiss	Pompeu Fabra University, Barcelona, Spain	Amon, Angelika	Massachusetts Institute of Technology, Cambridge, United States	Effects of aneuploidy on neurodegeneration
Sezgin, Erdinc	Turkish	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Eggeling, Christian	University of Oxford, United Kingdom	The role of the lipid environment in cellular and molecular responses of the immune system

EMBO Long-Term Fellowships awarded in 2013 | Non-EMBC Member States' nationals

Name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Boukhatmi, Hadi Mohammed	Algerian	Paul Sabatier University, Toulouse, France	Bray, Sarah	University of Cambridge, United Kingdom	Notch regulatory networks in <i>Drosophila</i> muscle stem cells development
Bywater, Megan	Australian	Peter MacCallum Cancer Centre, East Melbourne, Australia	Evan, Gerard	University of Cambridge, United Kingdom	To determine the dependence of MYC-driven transformation in haematopoietic cell lineages is dependant on high-levels of MYC protein expression
Humphrey, Sean	Australian	Garvan Institute of Medical Research, Darlinghurst, Australia	Mann, Matthias	Max Planck Institute of Biochemistry, Martinsried, Germany	Characterisation of the quantitative kinase- substrate network (qKSN) of the AGC family kinases
Costa Galvao, Vinicius	Brazilian	Max Planck Institute for Developmental Biology, Tübingen, Germany	Fankhauser, Christian	University of Lausanne, Switzerland	Light regulation of shoot apical meristem activity
McFarlane, Heather	Canadian	University of British Columbia, Vancouver, Canada	Persson, Staffan	Max Planck Institute of Molecular Plant Physiology, Potsdam- Golm, Germany	<i>Arabidopsis</i> G-protein coupled receptors as sensors of plant cell wall integrity
Shendruk, Tyler	Canadian	University of Ottawa, Canada	Yeomans, Julia	University of Oxford, United Kingdom	Intracellular active fluids: Swimmers and walkers
Shin, John	Canadian	University of British Columbia, Vancouver, Canada	Munro, Sean	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	The role of phosphoinositides in cytosolic pH-dependent lysosomal motility
Liang, Zhengzheng	Chinese	University of Illinois at Urbana-Champaign, United States	Logan, Darren	Wellcome Trust Sanger Institute, Hinxton, United Kingdom	Behavioral analysis of allelic diversity in the mouse olfactory system
Zhang, Yong	Chinese	Yale University, New Haven, United States	Gründling, Angelika	Imperial College London, United Kingdom	Investigation on the function of a PII-like signal transduction protein PstA, a novel c-di-AMP binding protein in <i>Staphylococcus aureus</i>
Lleras Forero, Laura	Colombian	Max Delbrueck Center for Molecular Medicine, Berlin, Germany	Schulte-Merker, Stefan	Hubrecht Institute, Utrecht, Netherlands	The vertebral column: How to put stripes into an embryo
Perez, Camilo	Colombian	Max Planck Institute of Biophysics, Frankfurt am Main, Germany	Locher, Kaspar	Swiss Federal Institute of Technology, Zurich, Switzerland	Investigation of glycolipid flipping across the bacterial plasma membrane: Structure and function of the lipid-linked oligosaccharide transporter PglK from <i>Campylobacter jejuni</i>
Rodriguez Garcia, Ruddi	Cuban	University of Rennes 1, France	Akhmanova, Anna	Utrecht University, Netherlands	Interaction of growing microtubule ends with cellular membranes
McHedlishvili, Nunu	Georgian	Swiss Federal Institute of Technology, Zurich, Switzerland	Baum, Buzz	University College London, United Kingdom	Nuclear envelope breakdown as a critical player in the coordination of cytoskeleton remodelling upon entry into the mitosis

EMBO Long-Term Fellowships awarded in 2013 | Non-EMBC Member States' nationals

Name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Aggarwal, Shweta	Indian	Max Planck Institute for Experimental Medicine, Göttingen, Germany	Batista, Facundo	Cancer Research UK, London Research Institute, United Kingdom	Understanding the role of tetraspanin network in spatio-temporal regulation of B cell activation
Bharat, Tanmay	Indian	European Molecular Biology Laboratory, Heidelberg, Germany	Löwe, Jan	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Integrated structural biology of plasmid segregation by the ParMRC system
Bhatia, Dhiraj Devidas	Indian	National Centre for Biological Sciences, Bangalore, India	Johannes, Ludger	Curie Institute, Paris, France	DNA-based synthetic lectins for quantitative membrane biology
Farooqui, Sarfarazhussain	Indian	University of Zurich, Switzerland	Gilmour, Darren	European Molecular Biology Laboratory, Heidelberg, Germany	The role of keratin intermediate filaments in collective migration
Hughes, Velocity	Indian	Indiana University, Bloomington, United States	Beeby, Morgan	Imperial College London, United Kingdom	Structure and biomechanics of the flagellar motor of the gastrointestinal pathogen <i>Campylobacter jejuni</i>
Rai, Arpan Kumar	Indian	Tata Institute of Fundamental Research, Mumbai, India	Pelkmans, Lucas	University of Zurich, Switzerland	Mechanistic understanding of DYRK kinase cycling during liquid un-mixing inside cells
Saha, Shambaditya	Indian	Yale University, New Haven, United States	Hyman, Anthony	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Mechanism of the SAS-4-mediated microtubule assembly essential for centriole duplication in <i>Caenorhabditis elegans</i>
Kato, Katsuhiro	Japanese	Nagoya University, Japan	Adams, Ralf	Max Planck Institute for Molecular Biomedicine, Münster, Germany	Hippo-mediated size control in the growing vascular network
Komoto, Shinya	Japanese	University of Dundee, United Kingdom	Peri, Francesca	European Molecular Biology Laboratory, Heidelberg, Germany	How do microglia work collectively to scan the brain and remove neuronal targets?
Yoshimura, Yuichi	Japanese	Osaka University, Suita, Japan	Mulder, Frans	Aarhus University, Denmark	Elucidation of the molecular mechanism in the fiber formation of functional amyloids by solution NMR techniques
El Debs, Bachir	Lebanese	European Molecular Biology Laboratory, Grenoble, France	Typas, Athanasios	European Molecular Biology Laboratory, Heidelberg, Germany	Probing host-pathogen genetic interactions with a high-throughput imaging assay
Yassine, Hassan	Lebanese	American University of Beirut, Lebanon	Christophides, George	Imperial College London, United Kingdom	Regulation of complement activation on microbial surfaces and host tissue in the malaria vector <i>Anopheles gambiae</i>
Lai, Alvina	Malaysian	Universiti Tunku Abdul Rahman, Kampar, Malaysia	Aboobaker, Aziz	University of Oxford, United Kingdom	Oxidative stress and the non-canonical functions of telomerase in immortal planarians

EMBO Long-Term Fellowships awarded in 2013 | Non-EMBC Member States' nationals

Name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Clark, Michael	New Zealander	Garvan Institute of Medical Research, Darlinghurst, Australia	Ponting, Chris	University of Oxford, United Kingdom	Discovery and characterisation of long non-coding RNAs in human neurological disorders
Morris, Vanessa	New Zealander	University of Sydney, Australia	Reif, Bernd	Technical University of Munich, Garching, Germany	Oligomers of the Alzheimer's disease amyloid- β peptide: structure, mechanism of toxicity and small molecule interactions
Khan, Omar	Pakistani	University of Gothenburg, Sweden	Behrens, Axel	Cancer Research UK, London Research Institute, United Kingdom	USP28: A novel regulator of MYC in intestinal cancer
Ichim, Gabriel	Romanian	Centre Léon Bérard, Lyon, France	Tait, Stephen	University of Glasgow, United Kingdom	Regulating cell death after mitochondrial permeabilization: Putting the bullet back in the gun
Schwalie, Petra	Romanian	European Molecular Biology Laboratory - European Bioinformatics Institute, Hinxton, United Kingdom	Deplancke, Bart	Swiss Federal Institute of Technology, Lausanne, Switzerland	Deciphering transcriptional and (co-) regulatory differences among white, brown, and brite adipocytes
Znamenskiy, Petr	Russian	Cold Spring Harbor Laboratory, United States	Mrsic-Flogel, Thomas	Biozentrum, University of Basel, Switzerland	Functional and molecular characterization of excitatory neurons in the mouse visual cortex
Jiang, Danhua	Singaporean	National University of Singapore, Singapore	Berger, Frederic	Gregor Mendel Institute of Molecular Plant Biology, Vienna, Austria	Functional characterization of histone H2B variants in higher plants
Francia, Maria	Uruguayan	University of Georgia, Athens, United States	Bettencourt-Dias, Monica	Instituto Gulbenkian de Ciência, Oeiras, Portugal	Uncovering the role of Cep135/Bld10 in centriole length control
Cook, David	US-American	University of Wisconsin-Madison, Madison, United States	Thomma, Bart	Wageningen University, Netherlands	Genetic and epigenetic changes contributing to host-pathogen co-adaptation using experimental evolution
Ginno, Paul	US-American	University of California, Davis, United States	Schübeler, Dirk	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Determination of chromatin-bound factors and their sensitivity to DNA methylation
Greenberg, Maxim	US-American	University of California, Los Angeles, United States	Bourc'his, Déborah	Curie Institute, Paris, France	Mechanistic characterization of a pluripotency-associated imprinted macroRNA with life-long epigenetic effects
Liu, Jeffrey	US-American	The Scripps Research Institute, La Jolla, United States	Mann, Matthias	Max Planck Institute of Biochemistry, Martinsried, Germany	Data-driven systems biology investigation on G-protein coupled receptor signaling network
Prendergast, Andrew	US-American	University of Washington, Seattle, United States	Wyart, Claire	Brain and Spine Institute, Paris, France	Isolation and high-throughput molecular characterization of a spinal interneuron that modulates slow swimming behavior in zebrafish

EMBO Long-Term Fellowships awarded in 2013 | Non-EMBC Member States' nationals

Name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Pruneda, Jonathan	US-American	University of Washington, Seattle, United States	Komander, David	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Leveraging effector deubiquitinases to study bacterial pathogenesis and eukaryotic cell signaling
Sheffield, Nathan	US-American	Duke University, Durham, United States	Bock, Christoph	Center for Molecular Medicine of the Austrian Academy of Sciences, Vienna, Austria	Bioinformatic modeling of epigenetic variability as a cause of cancer

EMBO Long-Term Fellowships 2013: Geographical distribution

Applications

Destination	Nationality																											Total			
	Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Irish	Israeli	Italian	Luxembourgian	Dutch	Norwegian	Polish	Portuguese	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British		Eastern European nationalities	US-American/Canadian	Other nationalities
Austria	1		2					2	4						1				5	1		1	4				1	1	2	7	32
Belgium		1			1		1	3	1	1				1	2		5		1	2			12				2	1	3	6	43
Croatia																															0
Czech Republic									1																				1	1	3
Denmark								2							4				2	1	1		3	2						4	19
Estonia						1																							2		3
Finland								1		1									1			1		1				2		1	8
France	1		1	2	1		1	8	6	1	3			4	15		2		3	7	1		13	1	3	1	4		18	32	128
Germany	2	3	4	2				11	15	2	1			5	9		5		2			1	18	3	1	2	7	4	17	49	163
Greece																			1	1											2
Hungary															1														1		2
Iceland									1																						1
Ireland								1															1				1	1	1	2	7
Israel				1				1	2		1				4		1				1	1	1		1		1	2	1	6	24
Italy		2						2	1	1	1				3						1		5				1	1	2	9	29
Luxembourg																															0
Netherlands							2	4	6	1				4	7		2			4	1		10		1	1		3	7	13	66
Norway								1	1						1			1											1	2	7
Poland																															0
Portugal								1												7	1		6							5	20
Slovak Republic																															0
Slovenia																						1									1
Spain	1	1	1					9	3	1	1				5				3	4	1		1		1	1			3	18	54
Sweden		1		1		2	3	2	12	1	2		1	1	3		2		1	7			11	1	1		1		3	16	72
Switzerland	1	1		2	1		2	14	16	3	1			2	9		4		1	2			12		2	1	5	3	6	30	118
Turkey									1																				1		2
UK	2	5	2	1	1	1	1	27	20	3	2		4	9	20	1	7		6	4	1		52	4	2	1	2	11	11	59	259
EMBL	1						1	2	2						1		2						5	1		3		1	1	7	27
Eastern Europe										1																					1
USA/Canada	7	16	3	2	2	1	6	98	66	2	4	1	7	67	33		23	3	8	16		1	71	18	15	6	28				504
Others		2	1		1	1		7	4					1	1		6		1				11	5	1		3			5	50
Total	16	32	14	11	7	6	17	194	165	17	16	1	12	94	119	1	59	4	35	56	8	6	236	36	28	16	56	30	77	276	1645

EMBO Long-Term Fellowships 2013: Geographical distribution

Awards

Destination	Nationality																												Total			
		Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Irish	Israeli	Italian	Luxembourgian	Dutch	Norwegian	Polish	Portuguese	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British		Eastern European nationalities	US-American/Canadian	Other nationalities
Austria	1							1											1								1		1	6		
Belgium								1							1		1													3		
Croatia																														0		
Czech Republic																														0		
Denmark																												1		0		
Estonia																														1		
Finland										1																				1		
France							2							1	1		1		1										2	1	9	
Germany		1	2				2	1						2	2		1		1					3			2		2	4	23	
Greece																														0		
Hungary																														0		
Iceland																														0		
Ireland																														0		
Israel																														0		
Italy		1																												1		
Luxembourg																														0		
Netherlands							2	1	1						2					1									1	2	10	
Norway															1															1		
Poland																														0		
Portugal																													1	1		
Slovak Republic																														0		
Slovenia																														0		
Spain		1					1	1																						3		
Sweden				1				1																1						3		
Switzerland	1	1		1			2	6	1				1	2					1								2	2	1	3	24	
Turkey																														0		
UK	1	1				1	2	6					1		1	3		3						4			1		2	3	11	40
EMBL	1					1		1																					3	6		
Eastern Europe																														0		
USA/Canada	1						8	12	1		1		11	7									3		4		4				52	
Others																1														1		
Total	5	5	2	2	0	0	2	21	29	4	0	1	0	16	16	1	7	0	6	2	0	0	11	0	4	1	9	4	10	27	185	

EMBO Short-Term Fellowships →→

EMBO Short-Term Fellowships: Statistics

Applications and awards 1977–2013

Year	Applications	Awards	Success rate %
2013	560	280	50
2012	585	312	53
2011	506	281	55
2010	421	219	52
2009	495	255	52
2008	395	213	54
2007	409	211	52
2006	393	194	49
2005	383	201	52
2004	301	167	55
2003	289	138	48
2002	252	170	67
2001	233	124	53
2000	274	176	64
1999	230	138	60
1998	279	143	51
1997	339	188	55
1996	316	180	57
1995	325	187	57
1994	369	203	55
1993	376	209	55
1992	351	213	61
1991	344	194	56
1990	346	211	61
1989	331	199	60
1988	351	211	60
1987	301	212	70
1986	309	215	70
1985	304	221	73
1984	320	226	71
1983	335	223	67
1982	321	213	66
1981	339	235	69
1980	357	242	68
1979	344	243	71
1978	349	244	70
1977	294	213	72

Applications and awards 2000–2013

Country from*	Applications	% of total	Awards	% of total	Success rate %
Austria	61	1	32	1	52
Belgium	98	2	69	2	70
Croatia	49	1	22	1	45
Czech Republic	96	2	57	2	59
Denmark	30	1	17	1	57
Estonia	9	<1	6	<1	67
Finland	43	1	24	1	56
France	285	5	178	6	62
Germany	368	7	221	8	60
Greece	184	3	108	4	59
Hungary	123	2	73	2	59
Iceland	14	<1	9	<1	64
Ireland	53	1	33	1	62
Israel	182	3	121	4	66
Italy	819	15	424	14	52
Luxembourg	2	<1	2	<1	100
Netherlands	165	3	102	3	62
Norway	15	<1	7	<1	47
Poland	204	4	99	3	49
Portugal	143	3	81	3	57
Slovak Republic	16	<1	11	<1	69
Slovenia	54	1	28	1	52
Spain	941	17	491	17	52
Sweden	51	1	35	1	69
Switzerland	67	1	42	1	63
Turkey	123	2	49	2	40
United Kingdom	193	4	121	4	63
Eastern Europe	334	6	152	5	46
Others	774	14	327	11	42
Total	5496	100	2941	100	54

* “Country from” refers to nationality

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Cebrian, Jose Ignacio	Argentinian	Center for Physiopathology of Toulouse-Purpan, France	Blanchard, Nicolas	National University of Cuyo, Mendoza, Argentina	Screening of sorting nexins proteins potentially involved in <i>Toxoplasma gondii</i> antigen cross-presentation by dendritic cells
Cerletti, Micaela	Argentinian	Ruhr University Bochum, Germany	Poetsch, Ansgar	University of Mar del Plata, Argentina	Identification of potential substrates of the archaeal-type ATP-dependent Lon protease in the haloarchaeon <i>Haloferax volcanii</i>
Gloazzo Dorosz, Javier	Argentinian	Technical University of Madrid, Spain	Medina Alcazar, Joaquin	University of Buenos Aires, Argentina	Identification of relevant transcription factors for plant cell expansion
Gudesblat, Gustavo Eduardo	Argentinian	Ghent University, Belgium	Russinova, Eugenia	Institute of Science and Technology Dr César Milstein, Buenos Aires, Argentina	Study of the perception and signaling mechanisms of an immunostimulatory oligonucleotide in the plant <i>Arabidopsis thaliana</i>
Mezzina, Mariela Paula	Argentinian	Biological Research Centre, Madrid, Spain	Prieto Jiménez, María Auxiliadora	University of Buenos Aires, Argentina	Effect of PhaP from Azotobacter FA-8 sp. in <i>in vivo</i> protein folding and inclusion body dynamics in <i>Escherichia coli</i>
Ogara, Maria Florencia	Argentinian	Centre for Genomic Regulation, Barcelona, Spain	Vicent, Guillermo P.	University of Buenos Aires, Argentina	Crosstalk between progesterone and glucocorticoid receptors in breast cancer cells
Pierella Karlusich, Juan José	Argentinian	Leibniz Institute of Plant Genetics and Crop Plant Research, Gatersleben, Germany	Hajirezaei, Mohammad-Reza	National University of Rosario, Argentina	Evaluating potato plants with improved tolerance to drought
Tribelli, Paula Maria	Argentinian	Technical University of Denmark, Lyngby, Denmark	Molin, Søren	University of Buenos Aires, Argentina	Detection of Anr target genes in <i>Pseudomonas</i> species with medical and biotechnological relevance
Durgaryan, Andranik	Armenian	Paris Diderot University, France	Agbulut, Onnik	H. Buniatian Institute of Biochemistry, Yerevan, Armenia	Immunoproperties of hypothalamic peptide PRP-1 for muscle regeneration <i>in vivo</i> and the impact on transcription factor NF-κB activation
Francois, Mathias	Australian	Cambridge Cancer Center, Addenbrooke's Hospital, United Kingdom	Carroll, Jason	University of Queensland, Brisbane, Australia	Defining the interactome of transcription factors that instructs lymphatic endothelial cell specification
Menon, Deepthi	Australian	Trinity College Dublin, Ireland	O'Neill, Luke	John Curtin School of Medical Research, Canberra, Australia	Glutathione S-transferase omega-1 in TLR4 mediated inflammatory responses
Heitzer, Ellen	Austrian	Wellcome Trust Centre for Human Genetics, University of Oxford, United Kingdom	Tomlinson, Ian	Medical University of Graz, Austria	Identification of new high penetrance genes for hereditary colorectal cancer
Linder, Tobias	Austrian	University of Utah, Salt Lake City, United States	Sanguinetti, Michael C.	University of Vienna, Austria	Drug trapping and dissociation of hERG channel inhibitors

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Islam, S. M. Shahinul	Bangladeshi	Karlsruhe Institute of Technology, Germany	Nick, Peter	University of Rajshahi, Bangladesh	Development of plants with enhanced tolerance to salt and drought stress using jasmonate-dependent genes in rice (<i>Oryza sativa</i> L.)
Novoselova, Natalia	Belarusian	Heinrich Heine University Düsseldorf, Germany	McHardy, Alice C.	National Academy of Sciences of Belarus, Minsk, Belarus	Predicting phenotype subclasses of microbial plant biomass degraders using functional modules of microbial gene families with a semi-supervised learning approach
Candiracci, Julie	Belgian	Massachusetts Institute of Technology, Cambridge, United States	Dedon, Peter	University of Namur, Belgium	Quantitative analyses of the dynamic of the universal mcm5s2 tRNA modification during the cell cycle in the fission yeast <i>S. pombe</i>
Hendrikx, Tim	Belgian	Medical University of Vienna, Austria	Binder, Christoph	Maastricht University, Netherlands	Antibodies against MDA-modified LDL: A natural tool for therapy of hepatic inflammation
Jorissen, Winde	Belgian	National Institutes of Health Clinical Center, Bethesda, United States	Remaley, Alan T.	Hasselt University, Diepenbeek, Belgium	Lipoproteins, a new target in multiple sclerosis?
Mouhib, Halima	Belgian	Free University of Amsterdam, Netherlands	Wuite, Gijs J. L.	Institute of Physical Chemistry, Aachen University, Germany	Understanding the unfolding pathway of Hemoglobin Protease (Hbp) – combining computational methods and experimental measurements
Ronsmans, Aria	Belgian	Curie Institute, Paris, France	Morillon, Antonin	Jean-Marie Wiame Institute for Microbiological Research, Brussels, Belgium	Identification of the genes targeted by the GATA transcription factors in yeast using ChIP-seq
Bajic, Goran	Bosnian	Boston Children's Hospital, United States	Springer, Timothy A.	Centre for Structural Biology, Aarhus University, Denmark	Expression and purification of α M β 2 integrin head-piece and ICAM-1 ectodomain
Black, Susan	British	Stockholm University, Sweden	Mäler, Lena	University of Aberdeen, United Kingdom	Unravelling MscS protein-lipid interactions
Buckley, Clare	British	University of California, San Francisco, United States	Weiner, Orion	King's College London, United Kingdom	Controlling apico-basal cell polarity in a vertebrate embryo using light
Chaplin, Alice Mary Lillian	British	University of Amsterdam, Netherlands	Nieuwdorp, Max	University of the Balearic Islands, Palma de Mallorca, Spain	Characterization of the potential role of specific bacteria on insulin resistance and inflammation in obese mice
Copple, Ian	British	Karolinska Institute, Stockholm, Sweden	Ingelman-Sundberg, Magnus	University of Liverpool, United Kingdom	Examination of the functional integrity and cytoprotective role of the Keap1-Nrf2 cell defence pathway in human liver cells
Corsiero, Elisa	British	Stanford University School of Medicine, United States	Robinson, William	Queen Mary University of London, United Kingdom	Antigen microarray profiling of recombinant monoclonal antibodies generated from single B cells from rheumatoid arthritis synovial tissue

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Garcia, Gonzalo	British	Harvard Medical School, Boston, United States	Goldberg, Alfred L.	University of Cambridge, United Kingdom	Uncovering the nature of cellular protein degradation and regeneration from bulk measurements
Satchwell, Timothy	British	The Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia	Baum, Jake	University of Bristol, United Kingdom	Interrogating the role of Band 3 in erythrocyte response to malaria parasite invasion
Voelz, Kerstin	British	University of Maine, Orono, United States	Wheeler, Robert	University of Birmingham, United Kingdom	Zebrafish as a model system for invasive zygomycosis
Wagstaff, Laura	British	Curie Institute, Paris, France	Piel, Matthieu	University of Cambridge, United Kingdom	Investigating the role of mechanical forces in <i>scribble</i> induced cell competition
Dimitrov, Jordan	Bulgarian	Leibniz Institute for Age Research - Fritz Lipmann Institute, Jena, Germany	Ohlenschläger, Oliver	French National Institute for Health and Medical Research, Paris, France	Thermodynamic analyses of cofactor-binding immunoglobulins
Dimitrova, Lyudmila	Bulgarian	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Stewart, Murray	Biochemistry Center, University of Heidelberg, Germany	Molecular mechanism of Mex67/Mtr2 recruitment to mRNA
Jovchevska, Ivana	Bulgarian	Free University of Brussels, Belgium	Muyldermans, Serge	University of Ljubljana, Slovenia	Creating a cDNA library from llamas previously immunized with human glioma samples
Liu, Dong	Chinese	University of Greifswald, Germany	Riedel, Katharina	University of Natural Resources and Life Sciences, Vienna, Austria	Soil microbial community structure and function: Effects of desiccation and rewetting under field conditions
Wang, Qing	Chinese	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Löwe, Jan	Peking University, Beijing, China	Architecture of the FtsZ-ring in bacterial cell division
Zhan, Hong	Chinese	University of Southern California, Los Angeles, United States	Pinaud, Fabien	École Normale Supérieure, Paris, France	<i>In vivo</i> single-molecule tracking of voltage-dependent calcium channels in <i>C. elegans</i>
Simatovic, Ana	Croatian	University of California, Davis, United States	Kowalczykowski, Stephen	Ruder Boskovic Institute, Zagreb, Croatia	Characterization of the RecA binding domain in the RecBCD enzyme
Batista García, Ramón Alberto	Cuban	Environmental Research Institute, University College Cork, Ireland	Dobson, Alan	Autonomous University of State of Morelos, Cuernavaca, Mexico	Functional metagenomics to identify, isolate and characterise novel lignocellulolytic enzymes
Cabezas Falcón, Sheila	Cuban	Swiss Federal Institute of Technology, Lausanne, Switzerland	Van Der Goot, F. Gisou	University of Havana, Cuba	Cellular mechanisms triggered by the interaction of the pore-forming toxin sticholysin II and derived molecules with normal and cancer cells
Casadesús Pazos, Ana Victoria	Cuban	Cordeliers Research Center, Paris, France	Teillaud, Jean-Luc	Center of Molecular Immunology, Havana, Cuba	Optimization of the vaccinal effect of anti-CD20 antibodies through the combination with rationally engineered IL-2

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
de León, Joel	Cuban	University College London, United Kingdom	Quezada, Sergio	Center of Molecular Immunology, Havana, Cuba	Revisiting cancer immune-evasion as an inherent consequence of neoplastic transformation pathways: Lessons from models based on stem cells
Otero Bilbao, Anabel	Cuban	Aarhus University, Denmark	Engchild, Jan J.	Institute of Biotechnology and Biomedicine, Barcelona, Spain	Interactomics and structural biology of novel cytosolic metalloproteinases
Filippou, Panagiota	Cypriot	Ghent University, Belgium	Inzé, Dirk	Cyprus University of Technology, Limassol, Cyprus	Study of the regulatory mechanism of a strobilurin compound in plant growth and development
Hálová, Martina	Czech	University of Gothenburg, Sweden	Sunnerhagen, Per	Charles University, Prague, Czech Republic	Role of Prp45p in the transcriptional activation of phosphate inducible genes in <i>S. cerevisiae</i>
Hrabakova, Rita	Czech	Swiss Federal Institute of Technology, Zurich, Switzerland	Picotti, Paola	Academy of Sciences of the Czech Republic, Libechov, Czech Republic	A sentinel protein assay for characterization of proteome-wide responses to aggregation- prone proteins
Svandova, Eva	Czech	University of Strasbourg, France	Lesot, Hervé	Academy of Sciences of the Czech Republic, Brno, Czech Republic	Novel roles for caspases - focused on caspase-7 in bone formation and remodelling
Tyc, Jiri	Czech	University of Massachusetts, Amherst, United States	Klingbeil, Michele	University of South Bohemia, Ceske Budejovice, Czech Republic	Role of mitochondrial chaperone Hsp70 in replication of mitochondrial DNA in <i>Trypanosoma brucei</i>
Vaclová, Tereza	Czech	Moffitt Cancer Center, Tampa, United States	Monteiro, Alvaro	Spanish National Cancer Research Centre, Madrid, Spain	Functional analysis of BRCA1 C-terminal missense mutations
Zahradnick, Oldrich	Czech	King's College London, United Kingdom	Tucker, Abigail S.	Academy of Sciences of the Czech Republic, Prague, Czech Republic	To understand and compare the mechanisms behind the development of venom- conducting canals in fangs of elapid and viperid snakes
Autzen, Henriette Elisabeth	Danish	University of Oxford, United Kingdom	Sansom, Mark S. P.	Aarhus University, Denmark	Molecular dynamics of heavy metal P-type ATPases
Kohler, Julie Bonne	Danish	Wellcome Trust Centre for Gene Regulation and Expression, University of Dundee, United Kingdom	Hay, Ron	University of Copenhagen, Denmark	Identification of STUB1 (SUMO-targeted ubiquitin ligase)-pathway substrates by mass spectrometry
Rasmussen, Sheena Ricafranca	Danish	University of Turin, Italy	Bonfante, Paola	Aarhus University, Denmark	Involvement of LysM-containing proteins in the symbiotic interaction between arbuscular mycorrhiza and <i>Lotus japonicus</i>
Bochem, Andrea	Dutch	Columbia University Medical Center, New York, United States	Tall, Alan	Academic Medical Center, Amsterdam, Netherlands	Role of endothelial cholesterol transporters in atherosclerosis

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Dankers, Wendy	Dutch	National Institutes of Health Clinical Center, Bethesda, United States	O'Shea, John	Erasmus University Medical Center, Rotterdam, Netherlands	What is the genome-wide contribution of HDAC recruitment to the stability of vitamin D-mediated effects in Th17 cells?
de Boer, Bouke	Dutch	Pasteur Institute, Paris, France	Meilhac, Sigolene	Academic Medical Center, Amsterdam, Netherlands	Computational model of trabeculation of the ventricular myocardium
de Weijer, Antoin	Dutch	University Medical Center Utrecht, Netherlands	Dijkhuizen, Rick	University of Oxford, United Kingdom	Measuring brain plasticity over time with <i>in vivo</i> MRI
Dieteren, Cindy	Dutch	Venetian Institute of Molecular Medicine, Padua, Italy	Scorrano, Luca	Radboud University Nijmegen, Netherlands	Topographic control of mitochondrial function in the cytolitic immunological synapse
Haanstra, Jurgen	Dutch	Stellenbosch University, South Africa	Snoep, Jacky	University of Groningen, Netherlands	Distinguishing between molecular and network-based selectivity: Sub-second measurements of transport in <i>Trypanosoma brucei</i> and host erythrocytes
Oegema, Renske	Dutch	Seattle Children's Research Institute, United States	Dobyns, Bill	Erasmus University Medical Center, Rotterdam, Netherlands	Genetics of congenital brain malformations
Slaats, Gisela	Dutch	Stanford University School of Medicine, United States	Cimprich, Karlene A.	University Medical Center Utrecht, Netherlands	The role of CEP290 germline mutations in DNA damage signaling and initiating renal ciliopathies
van den Elzen, Antonia	Dutch	Johns Hopkins University School of Medicine, Baltimore, United States	Green, Rachel	Institute of Genetics and Molecular and Cellular Biology, Illkirch, France	Dom34-Hbs1 mediated dissociation of non-translating ribosomes in yeast recovering from translation inhibiting stress
van Gils, Marit	Dutch	The Scripps Research Institute, La Jolla, United States	Burton, Dennis	University of Amsterdam, Netherlands	Characterization of broadly neutralizing antibodies for rational antibody-based HIV-1 vaccine design
van Kasteren, Puck	Dutch	University of Manitoba, Winnipeg, Canada	Mark, Brian	Leiden University Medical Center, Netherlands	Elucidating the structural basis of the interaction between arterivirus papain-like protease 2 and its viral substrate
Van Scherpenzeel, Monique	Dutch	Swiss Federal Institute of Technology, Zurich, Switzerland	Zamboni, Nicola	Radboud University Nijmegen, Netherlands	Phosphoglucomutase I as key metabolic regulator of protein N-glycosylation
Wendrich, Jos	Dutch	Duke University, Durham, United States	Benfey, Philip N.	Wageningen University, Netherlands	Transcriptional analysis of stem cell specification in the <i>Arabidopsis</i> root
Wiktor, Jakub	Dutch	University of Oxford, United Kingdom	Sherratt, David	Delft University of Technology, Netherlands	<i>In vivo</i> dynamics of double strand break repair
Willemen, Hanneke	Dutch	University of Oslo, Norway	Falnes, Pål	University Medical Center Utrecht, Netherlands	Identification of human FAM173b substrates
Keder, Alyona	Estonian	Cancer Research UK London Research Institute, United Kingdom	Tapon, Nic	University of Miguel Hernández, Alicante, Spain	Identification of novel targets of Warts-Lats1/2 kinase in the context of asymmetric cell division

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Alanko, Jonna Hannele	Finnish	Curie Institute, Paris, France	Goud, Bruno	University of Turku, Finland	The three-dimensional spatial organization of integrins
Baudot, Anaïs	French	Norwegian University of Science and Technology, Trondheim, Norway	Laegreid, Astrid	Luminy Institute of Mathematics, Marseille, France	Contextualizing interaction networks
Diaz, Céline	French	Membranes Biogenesis Laboratory, Bordeaux, France	Aronel, Vincent	Agrigenomics Research Centre, Bellaterra, Spain	Lipolytic activity during seedling development of a quadruple mutant lacking phytochrome-interacting bHLH transcription factors – effect of light growth condition
Michos, Odysse	French	University of Southern California, Los Angeles, United States	McMahon, Andrew Paul	Wellcome Trust Sanger Institute, Hinxton, United Kingdom	Dynamic image-based modelling of kidney branching morphogenesis
Quemin, Emmanuelle	French	University of Helsinki, Finland	Bamford, Dennis	Pasteur Institute, Paris, France	Unique spindle-shaped viruses in Archaea: Structure and relationships
Allmer, Jens	German	Free University of Berlin, Germany	Reinert, Knut	Izmir Institute of Technology, Urla, Turkey	Integration of de novo sequencing algorithms in OpenMS and TOPP
Beck, Esmeralda	German	Center of Molecular Biology 'Severo Ochoa', Madrid, Spain	Alarcón, Balbino	University of Freiburg, Germany	Cholesterol binding to conformational change-deficient TCRs
Beil, Jane	German	Whitehead Institute for Biomedical Research, Cambridge, United States	Ploegh, Hidde	Technical University of Munich, Germany	Is early TCRA expression in TCR transgenic mice the result of germline transcription in the Va locus?
Buettner, Florian	German	European Molecular Biology Laboratory - European Bioinformatics Institute, Hinxton, United Kingdom	Stegle, Oliver	Helmholtz Center Munich, German Research Center for Environmental Health, Munich, Germany	A formal statistical test for detecting heterogeneities in single-cell gene expression data
Dittrich, Anna	German	Keio University, School of Medicine, Tokyo, Japan	Yoshimura, Akihiko	Otto von Guericke University, Magdeburg, Germany	Regulation of SOCS3 expression by glucocorticoids – a novel mechanism to induce dendritic tolerance?
Fischer, Manuel	German	University of Copenhagen, Denmark	Ellgaard, Lars	University of Kaiserslautern, Germany	Establishment of a siRNA-based immunofluorescence screen for the identification of cytosolic chaperones that mediate mitochondrial protein import
Geislinger, Thomas	German	Karolinska Institute, Stockholm, Sweden	Wahlgren, Mats	University of Augsburg, Germany	Label-free hydrodynamic sorting of red blood cells infected with the malaria parasite <i>Plasmodium falciparum</i>
Gittel, Antje	German	University of Vienna, Austria	Urich, Tim	University of Bergen, Norway	Combined metagenomics and gene expression studies of microorganisms associated with buried carbon in cryoturbated arctic soils

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Gorgel, Manuela	German	University of Southern California, Los Angeles, United States	El-Naggar, Mohamed	Aarhus University, Denmark	Molecular characterization of electrical networks mediated by bacterial nanowires
Harnisch, Christiane	German	University of Cambridge, United Kingdom	Dölken, Lars	Martin Luther University Halle, Germany	Identification of PARN substrates by deep sequencing analysis of newly synthesized RNA
Hellwig, Christian	German	University of Leicester, United Kingdom	MacFarlane, Marion	Royal College of Surgeons in Ireland, Dublin, Ireland	Characterisation of a non-canonical caspase-8 activation complex in response to impaired proteasomal protein degradation
Heuberger, Julian	German	Technion - Israel Institute of Technology, Haifa, Israel	Orian, Amir	Max Delbrück Center for Molecular Medicine, Berlin, Germany	Characterize the role of ubiquitin and ubiquitin-like pathways in the function of the E3-ubiquitin-ligase Hakai using <i>in vitro</i> reconstituted systems, cell biology and the development of advanced lentiviral tools
Huber, Catharina	German	Stockholm University, Sweden	Glaser, Elzbieta	University of Konstanz, Germany	Deg proteases in <i>Arabidopsis thaliana</i>
Kaplan, Charlotte	German	European Molecular Biology Laboratory, Heidelberg, Germany	Ries, Jonas	Swiss Federal Institute of Technology, Zurich, Switzerland	Assembly of the 32nm septin complexes into higher-order arrangements in yeast cells investigated by super-resolution microscopy
Lauterbach, Lars	German	University of California, Davis, United States	Cramer, Stephen	Technical University of Berlin, Germany	Exploration of the oxygen-tolerant NAD ⁺ reducing hydrogenase from <i>Ralstonia eutropha</i> H16 by nuclear resonance vibrational and X-ray absorption spectroscopy
Liebau, Jobst	German	The Institute of Medical Sciences, University of Aberdeen, United Kingdom	Miller, Samantha	Stockholm University, Sweden	Unravelling MscS protein-lipid interactions
Maier, Lisa-Katharina	German	Centre for Genetics and Genomics, Queen's Medical Centre, Nottingham, United Kingdom	Allers, Thorsten	Ulm University, Germany	Development of genetic tools for <i>Halorubrum lacusprofundi</i> and analysis of the Cas1 protein function
Münch, Robert	German	University of Zurich, Switzerland	Dreier, Birgit	Paul-Ehrlich Institute, Langen, Germany	Restricted <i>in vivo</i> gene delivery to liver sinusoidal endothelial cells by AAV vectors displaying DARPin specific for human and murine endoglin
Oppelt, Angela	German	Columbia University Medical Center, New York, United States	Di Paolo, Gilbert	Institute for Cancer Research, The Norwegian Radium Hospital, Oslo, Norway	Further characterization of MTMR3 and PISP and their roles in Alzheimer's disease

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Rath, Nicola	German	Garvan Institute of Medical Research, Sydney, Australia	Roman, Ilse	The Beatson Institute for Cancer Research, Glasgow, United Kingdom	Study of ROCK function in the differentiation of pancreatic acinar cells to metaplastic duct cells using mouse models of pancreatic ductal adenocarcinoma
Schmidt, David	German	Medical Research Council National Institute for Medical Research, London, United Kingdom	Doorbar, John	Leibniz Institute for Age Research - Fritz Lipmann Institute, Jena, Germany	Centrosome inactivation: A novel mechanism of human papilloma virus (HPV)-induced oncogenesis?
Tiedje, Christopher	German	The Babraham Institute, Cambridge, United Kingdom	Turner, Martin	Institute of Physiological Chemistry/Hannover, Medical School, Germany	Transcriptome-wide RNA binding pattern analysis of the inducible zinc-finger protein Tristetraprolin (TTP)/Zfp36 in LPS-stimulated macrophages
Tischler, Verena	German	Brigham & Women's Hospital, Boston, United States	Gokcumen, Omer	European Molecular Biology Laboratory, Heidelberg, Germany	Extent and role of structural variation and its effect on transcriptional regulation during evolution of non-human primates
Vafaizadeh, Vida	German	Dana-Farber Cancer Institute, Boston, United States	Frank, David	Institute for Biomedical Research Frankfurt, Germany	The functional interplay between activated Stat3 and Stat5 in the initiation and progression of ER ⁺ luminal tumors and the regulation of EMT/MET
Antoniadi, Ioanna	Greek	Umea Plant Science Centre, Sweden	Ljung, Karin	Imperial College London, United Kingdom	Developing a high-resolution root map of cytokinin-responsive cell populations
Karkali, Katerina	Greek	Molecular Biology Institute of Barcelona, Spain	Martin-Blanco, Enrique	Alexander Fleming'Biomedical Sciences Research Center, Athens, Greece	Quantitative analysis of the dynamics of JNK activation in the embryonic CNS of <i>Drosophila melanogaster</i>
Karkoulia, Elena	Greek	Sanquin, Amsterdam, Netherlands	Gutierrez, Laura	Alexander Fleming'Biomedical Sciences Research Center, Athens, Greece	A biotin tag knock-in approach in order to study the <i>in vivo</i> molecular functions of the hematopoietic transcription factor GATA-1 in the megakaryocytic and dendritic cell lineages
Papanastasiou, Martha	Greek	University of Southern Denmark, Odense, Denmark	Jørgensen, Thomas J. D.	Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology - Hellas, Heraklion, Greece	Unraveling the translocase at work by hydrogen-deuterium exchange mass spectrometry
Bánréti, Ágnes	Hungarian	Institute of Basic Medical Sciences, Oslo, Norway	Simonsen, Anne	Eötvös Loránd University, Budapest, Hungary	Exploring a new mechanism of starvation-induced autophagy: Regulation of the nucleo-cytoplasmic transport of AtTophaGy-related (ATG) proteins by the EP300 acetyltransferase
Karlocai, Rita	Hungarian	Medical University of Vienna, Austria	Klausberger, Thomas	Hungarian Academy of Sciences, Budapest, Hungary	Coupling of neuronal firing to intra- and extra-hippocampal theta/gamma oscillations <i>in vivo</i>

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Kozma, Eszter Erika	Hungarian	École Normale Supérieure, Paris, France	Ye-Lehmann, Shixin	Eötvös Loránd University, Budapest, Hungary	Site-specific fluorescent labeling of NMDA receptors through genetic incorporation of unnatural amino acids
Pataki, Emese	Hungarian	Tel Aviv University, Israel	Kupiec, Martin	University of Debrecen, Hungary	Study of the genetic interaction between <i>fhl1</i> and <i>tor1/tor2</i> <i>Schizosaccharomyces pombe</i> genes
Váradí, Timea	Hungarian	Vienna University of Technology, Austria	Schütz, Gerhard	University of Debrecen, Hungary	Analysis of plasma membrane proteins
Jan, Peer Muzafar	Indian	Institute of Health Carlos III, Madrid, Spain	Alcamí Pertejo, José	Postgraduate Institute of Medical Education and Research, Chandigarh, India	Delineating the mechanism of selection pressure in the <i>in vitro</i> cultures and <i>in vivo</i> of HIV-1 with disease progression in subtype B and C
Kumar, Amit	Indian	National University of Singapore, Singapore	Ganaganaor Visweswara, Shivashankar	Institute of Molecular Oncology, Milan, Italy	Forces and mechanisms involved in the activation of ATR at the nuclear envelope
Magadi, Srivathsa	Indian	University of Cambridge, United Kingdom	Bray, Sarah	Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology - Hellas, Heraklion, Greece	ChIP sequencing and data analysis for the identification of bHLH-O repressor E(spl) <i>mgamma</i> target genes in post embryonic <i>Drosophila</i> neurogenesis
Pratap, Chandra Bhan	Indian	The Netherlands Cancer Institute, Amsterdam, Netherlands	Neefjes, Jacques	Institute of Medical Sciences, Banaras Hindu University, Varanasi, India	Methods to study the role of <i>Salmonella</i> in gallbladder carcinoma
Sedimbi, Sai Kiran	Indian	Brigham & Women's Hospital, Boston, United States	Tatituri, Raju	Karolinska Institute, Stockholm, Sweden	Natural killer T cell regulation of B cell responses: Identification of self-lipid antigens and clinical implications
Nozad Charoudeh, Hojjatollah	Iranian	University of Copenhagen, Denmark	Brakebusch, Cord Herbert	Tabriz Medical University, Iran	Role of RhoA in hematopoiesis
Serpooshan, Vahid	Iranian	Institute for Stem Cell Therapy and Exploration of Monogenic Diseases, Evry, France	Puceat, Michel	Stanford School of Medicine, United States	Engineered cellular epicardium activates cardiac regeneration
Lloyd-Griffith, Cai	Irish	Johannes Gutenberg University, Mainz, Germany	Unger, Ronald	Royal College of Surgeons in Ireland, Dublin, Ireland	<i>In vitro</i> vascularisation of scaffolds for bone repair using a human dermal microvascular endothelial cell (HDMEC)/ human amniotic fluid-derived stem cell (AFSC) co-culture system
Mannion, Niamh	Irish	Stockholm University, Sweden	Öhman, Marie	University of Edinburgh, United Kingdom	Investigating the role of ADAR1 in primary culture of mouse cortical neurons
Kucherenko, Nataly	Israeli	Laboratory of Biology and Applied Pharmacology, Cachan, France	Perahia, David	Tel Aviv University, Israel	Antibody-antigen recognition and interaction – NMA approach

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Smock, Robert	Israeli	University of Cambridge, United Kingdom	Clarke, Jane	Weizmann Institute of Science, Rehovot, Israel	The origins and evolution of a protein fold
Weisinger, Karen	Israeli	University of Texas Southwestern Medical Center, Dallas, United States	Sadek, Hesham	Weizmann Institute of Science, Rehovot, Israel	High-throughput small molecule screening for advancements in cardiac regenerative medicine
Accorsi, Alice	Italian	Stowers Institute for Medical Research, Kansas, United States	Sánchez Alvarado, Alejandro	University of Modena and Reggio Emilia, Italy	Immune-related molecules functioning in the regeneration of the planarian <i>Schmidtea mediterranea</i> and the gastropod <i>Pomacea canaliculata</i>
Andergassen, Daniel	Italian	French Institute for Agricultural Research, Jouy-en-Josas, France	Jouneau, Alice	Institute of Molecular Health Sciences, Zurich, Switzerland	Regulation of RNAi pathways during mouse ESC-EpiSCs conversion
Bassi, Zuni Irma	Italian	University of Siena, Italy	Callaini, Giuliano	University of Cambridge, United Kingdom	Ultrastructural analysis of citron kinase's function in midbody formation
Berti, Matteo	Italian	University of Zurich, Switzerland	Lopes, Massimo	Saint Louis University School of Medicine, United States	New mechanistic insight into replication fork reversal and restart
Boccaccini, Alessandra	Italian	Institute Jean-Pierre Bourgin, Versailles, France	Marion-Poll, Annie	Sapienza University of Rome, Italy	Study of the role of DAG1 in regulating abscisic acid metabolism during seed germination and embryo development in <i>Arabidopsis</i>
Bonfiglio, Ferdinando	Italian	Finnish Institute of Occupational Health, Helsinki, Finland	Greco, Dario	University of Naples Federico II, Naples, Italy	Molecular basis of cardiac defects in Down syndrome: A comprehensive meta-analysis of gene expression studies
Boscaro, Vittorio	Italian	University of British Columbia, Vancouver, Canada	Lynn, Denis H.	University of Pisa, Italy	Single-cell RNA-Seq of ciliates
Caltabiano, Gianluigi	Italian	Institute of Molecular Cell and Systems Biology, University of Glasgow, United Kingdom	Milligan, Graeme	University of Barcelona, Cerdanyola del Valles, Spain	GPCR orphan receptor GPR35: Unveiling orthologue selectivity and ligand binding
Cella Zanacchi, Francesca	Italian	Goethe University Frankfurt, Germany	Heilemann, Mike	Italian Institute of Technology, Genova, Italy	Advanced super-resolution and 3D tracking techniques for transcription studies in bacteria
Chiaruttini, Giulia	Italian	French National Center for Health and Medical Research, Toulouse, France	Valitutti, Salvatore	International Centre for Genetic Engineering and Biotechnology, Trieste, Italy	Tracking of cytokines in DCs at the immune synapse: Role of VAMP7 and microtubules organizing centre polarization in synaptic secretion of IL-12
De Ruvo, Micol	Italian	John Innes Centre, Norwich, United Kingdom	Grieneisen, Veronica	Sapienza University of Rome, Italy	Development of a computational multiscale model to unravel the interplay between hormonal distribution and root meristem growth in <i>Arabidopsis</i>

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Di Marco, Fabiana	Italian	Center of Molecular Biology 'Severo Ochoa', Madrid, Spain	Bovolenta, Paola	University of L'Aquila, Italy	Rescue of photoreceptors by increasing Sfrp1 levels in rd10 mouse retinas
Filippone, Maria Grazia	Italian	Yale School of Medicine, New Haven, United States	Carrasco, Nancy	Institute of Experimental Endocrinology and Oncology 'G. Salvatore', Naples, Italy	Analysis of the expression and regulation of the Na ⁺ /I ⁻ symporter (NIS) and the effect of radioiodide therapy in ovarian cancer
Genre, Andrea	Italian	Aarhus University, Denmark	Stougaard, Jens	University of Turin, Italy	Visualizing signal-receptor interactions in legume root nodulation and arbuscular mycorrhizas
Gianotti, Ambra	Italian	Center for Scientific Studies, Valdivia, Chile	Flores, Carlos	University of Genova, Italy	Role of the TMEM16A protein in airway ion transport
Graziano, Francesca	Italian	Curie Institute, Paris, France	Benaroch, Philippe	San Raffaele Research Institute, Milan, Italy	Intracellular accumulation and release mechanisms of HIV-1 virions in different macrophage populations
Izzo, Annalisa	Italian	Imperial College London, United Kingdom	Hajkova, Petra	Institute of Genetics and Molecular and Cellular Biology, Strasbourg, France	Role of somatic H1 subtypes during germ cell specification
Lanciotti, Angela	Italian	Institute for Stem Cell Therapy and Exploration of Monogenic Diseases, Evry, France	El Kassar, Lina	National Institute of Health, Rome, Italy	Inducible pluripotent stem cell-derived human astrocytes as a new disease model to shed light into the molecular pathogenesis of megalencephalic leukoencephalopathy with subcortical cysts (MLC)
Lusciati, Sara	Italian	Institute of Genetics, University of Bonn, Germany	Witke, Walter	Institute of Predictive and Personalized Medicine of Cancer, Badalona, Spain	New role of profilin-2 in iron metabolism
Madaro, Luca	Italian	Sanford-Burnham Medical Research Institute, La Jolla, United States	Sacco, Alessandra	Santa Lucia Foundation, Rome, Italy	Biomaterials to investigate complex interactions between cellular effectors of muscle repair and the regenerative environment
MalFerrari, Marco	Italian	French National Center for Scientific Research, Gif-sur-Yvette, France	Mezzetti, Alberto	University of Bologna, Italy	Towards a structural and kinetic characterization of light-induced conformational changes in photosynthetic reaction centers: Time-resolved differential FTIR spectroscopic studies in reaction center films at different hydration levels
Mannini, Benedetta	Italian	Andalusian Center for Molecular Biology & Regenerative Medicine, University of Seville, Spain	Pozo Pérez, David	University of Florence, Italy	Immune response triggered by aberrant protein oligomers and the role of heat-shock proteins as immune mediators

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Matarazzo, Sara	Italian	Swiss Federal Institute of Technology, Zurich, Switzerland	Neri, Dario	University of Brescia, Italy	Affinity maturation of a human single-chain fragment variable (scFv) anti-FGFR1 antibody for anti-cancer therapy
Montano, Valeria	Italian	Swiss Federal Institute of Technology, Lausanne, Switzerland	Jensen, Jeffrey D.	University of Veterinary Medicine Vienna, Austria	Detection of candidate genes for the local adaptation of <i>Helicobacter pylori</i> to its human host
Nicolè, Silvia	Italian	Institute of Plant Biology, University of Zurich, Switzerland	Martinoia, Enrico	University of Padova, Italy	Functional characterization of VvPDR genes putatively involved in the transport of resveratrol in <i>V. vinifera</i> L.
Paolini, Alessio	Italian	Curie Institute, Paris, France	Del Bene, Filippo	University of Heidelberg, Germany	<i>In vivo</i> dynamics of Anillin and its interactions during vertebrate neural progenitors proliferation
Pescatore, Alessandra	Italian	University College London, United Kingdom	Walczak, Henning	Institute of Genetics and Biophysics'Adriano Buzzati Traverso', Naples, Italy	Dissecting NEMO's cell-death-preventing and transcription-inducing activities
Pezzotti, Maria Rosa	Italian	Andalusian Center for Developmental Biology, Pablo de Olavide University, Seville, Spain	Martinez-Morales, Juan R.	Anton Dohrn Zoological Station, Naples, Italy	<i>In vivo</i> analysis of cellular behaviours during ocellus morphogenesis in the basal chordate <i>Ciona intestinalis</i>
Pontarin, Giovanna	Italian	Cold Spring Harbor Laboratory, New York, United States	Stillman, Bruce	University of Padova, Italy	Mechanism of SAMHD1 regulation at the G1/S transition
Pontarini, Elena	Italian	University of London, United Kingdom	Bombardieri, Michele	Humanitas Clinical Institute, Milan, Italy	Investigation of the role of Natural killer (NK) cells in the development of inducible salivary gland ectopic lymphoid structures, breach of self-tolerance and exocrine dysfunction in C57BL/6 mice
Quagliata, Luca	Italian	National Institutes of Health Clinical Center, Bethesda, United States	Thorgeirsson, Snorri	University Hospital Basel, Switzerland	The role of HOX genes network and associated ncRNAs in hepatocellular carcinoma
Ravera, Enrico	Italian	Massachusetts Institute of Technology, Cambridge, United States	Griffin, Robert Guy	University of Florence, Sesto Fiorentino, Italy	High-resolution protein solid state nuclear magnetic resonance at cryogenic temperatures
Santello, Mirko	Italian	New York University School of Medicine, United States	Gan, Wen-Baio	University of Bern, Switzerland	Live imaging of excitotoxic glutamate release from neuronal and glial cells upon traumatic brain injury <i>in vivo</i>
Santonocito, Manuela	Italian	University of Gothenburg, Sweden	Valadi, Hadi	University of Catania, Italy	miRNA and exosome profiling in human follicular fluid related to maternal age
Seruggia, Davide	Italian	Institute of Laboratory Animal Science, University of Zurich, Switzerland	Pelczar, Pawel	Spanish National Center for Biotechnolgy, Madrid, Spain	Targeted inactivation of the endogenous 5' and 3' boundaries of the mouse Tyr locus

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Sonzogni, Laura	Italian	Erasmus University Medical Center, Rotterdam, Netherlands	Sjaak, Philipsen	King's College London, United Kingdom	Identification of a novel gene in globin regulation
Speranzini, Valentina	Italian	The Netherlands Cancer Institute, Amsterdam, Netherlands	Sixma, Titia	University of Pavia, Italy	Biophysical investigation of complexes between LSD1/CoREST and the nucleosomes
Squeglia, Flavia	Italian	Imperial College London, United Kingdom	De Simone, Alfonso	Institute of Biostructure and Bioimaging of the Italian National Research Council, Naples, Italy	Understanding the molecular basis of cell wall degradation synergy between RipA and RpfB, two key enzymes of <i>Mycobacterium tuberculosis</i>
Torella, Rubben	Italian	University of Michigan Medical School, Ann Arbor, United States	Grant, Barry	University of Cambridge, United Kingdom	Computational studies of protein-DNA interaction: Molecular mechanism and signal propagation
Krupovic, Mart	Lithuanian	National Institutes of Health Clinical Center, Bethesda, United States	Koonin, Eugene V.	Pasteur Institute, Paris, France	Comparative study of the evolutionary strategies among giant viruses
Fornelos Martins, Nadine	Luxembourg	Center of Molecular Biology 'Severo Ochoa', Madrid, Spain	Salas, Margarita	University of Jyväskylä, Finland	Gene regulation in Bam35: The switch from dormancy to lytic development
Lee, Song Hua	Malaysian	The Hebrew University of Jerusalem, Israel	Soreq, Hermona	University of California, Berkeley, United States	Elucidating age-dependent involvement of JNK signalling in neuronal survival
Uddin, Reaz	Pakistani	University of Heidelberg, Germany	Russel, Rob	University of Karachi, Pakistan	ChemSite: A new approach to predicting protein-chemical interactions
Herrera Vega, Rito	Panamanian	Technical University of Lisbon, Portugal	Prista, Catarina	University of Cordoba, Spain	Molecular biology of cations transport in <i>D. hansenii</i>
Bocian, Katarzyna	Polish	De Duve Institute Brussels, Belgium	Collet, Jean-Francois	University of Warsaw, Poland	Biochemical characterization of <i>H. pylori</i> oxidoreductase – HP0231 protein
Krawczyk-Balska, Agata	Polish	University of Southern Denmark, Odense, Denmark	Kallipolitis, Birgitte H.	University of Warsaw, Poland	Examination of the possible role of the RNA chaperone Hfq in regulation of expression of <i>Listeria monocytogenes</i> ferritin operon genes
Latek, Dorota	Polish	University of California, San Francisco, United States	Sali, Andrej	University of Warsaw, Poland	Functional characterization of concentrative nucleoside transporters in the SLC28 family
Legowska, Monika	Polish	Max-Planck Institute of Neurobiology, Martinsried, Germany	Jenne, Dieter E.	University of Gdansk, Poland	Structure-function relationships of the recently discovered NSP4 expressed and purified as a highly homogenous, natively folded proenzyme in an unicellular eukaryote, <i>Leishmania tarentolae</i>
Ociepa, Przemyslaw	Polish	Norwegian University of Science and Technology, Trondheim, Norway	Hamann, Thorsten	University of Southampton, United Kingdom	Metabolic profiling of <i>Arabidopsis</i> seedlings in response to cellulose biosynthesis inhibition

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Rozycka, Ewelina	Polish	Paris Descartes University Medical School, France	Codogno, Patrice	The Queens University of Belfast, United Kingdom	Validation of novel small molecule inhibitor of autophagy using high-resolution microscopy
Rymaszewski, Wojciech	Polish	University of Amsterdam, Netherlands	Munnik, Teun	Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warsaw, Poland	The analysis of the connection between annexin 1 level and phospholipase activity in <i>Arabidopsis thaliana</i>
Szurgot, Inga	Polish	Veterinary and Agrochemical Research Centre, Brussels, Belgium	Lambrecht, Benedicte	Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warsaw, Poland	Recombinant influenza vaccine on the platform of adenovirus dodecahedron
Wicher, Katarzyna	Polish	Institute for Ophthalmology, University of Tübingen, Germany	Wissinger, Bernd	Poznan University of Medical Sciences, Poland	Identification of novel candidate genes and novel mutations in known genes involved in autosomal recessive and X-linked-recessive cone-rod dystrophies in Polish patients
Alves, João	Portuguese	Pompeu Fabra University, Barcelona, Spain	Comas, David	Institute of Molecular Pathology and Immunology of the University of Porto, Portugal	Population and evolutionary processes shaping the 17q21 inversion in humans – a close up on the North of Africa and Iberia
Alves, Ludovico	Portuguese	Claude Grignon Institute, Montpellier, France	Lacombe, Benoit	Institute of Genetics and Biophysics 'Adriano Buzzati Traverso', Naples, Italy	Biochemical characterization of <i>Lotus japonicus</i> NRT1/PTR and NRT2 proteins: Analysis of substrate specificity and transport mechanism
Cardoso, Filipa	Portuguese	National Institute of Neurological Disorders and Stroke, Bethesda, United States	McGavern, Dorian B.	University of Lisbon, Portugal	3D imaging of the gliovascular unit during neonatal sepsis
Coreta-Gomes, Filipe Manuel	Portuguese	University of Zaragoza, Spain	Velazquez- Campoy, Adrian	Coimbra University, Portugal	Behavior of bile salts and drugs as membrane modulators: Relevance for passive cholesterol absorption
Costa, Aida	Portuguese	University College London, United Kingdom	Daudet, Nicolas	Institute of Molecular Medicine, Lisbon, Portugal	Sensory hair cells: A reprogramming approach
Gaspar, Joana	Portuguese	Beth Israel Deaconess Medical Center, Boston, United States	Kim, Young-Bum	New University of Lisbon, Oeiras, Portugal	Insulin A and B chain S-nitrosation: Physiological implications and mechanistic facts of glucose uptake by skeletal muscle
Monteiro, Joao Miguel	Portuguese	Institute for Medical Microbiology, Immunology and Parasitology, Bonn, Germany	Bierbaum, Gabriele	Institute for Chemical and Biological Technology, Oeiras, Portugal	Studies on the function and activity of the <i>Staphylococcus aureus</i> VraSTR three-component system reconstituted in liposomes

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Nunes, Ana Rita	Portuguese	Weizmann Institute of Science, Rehovot, Israel	Levkowitz, Gil	Gulbenkian Institute of Science, Lisbon, Portugal	Using conditional transgenesis in zebrafish to unravel the role of oxytocin-like peptides in the regulation of social behavior
Pereira, Ana	Portuguese	University of Groningen, Netherlands	Scheffers, Dirk-Jan	New University of Lisbon, Oeiras, Portugal	Characterization of a FtsZ mutation that sensitizes resistant strains of <i>Staphylococcus aureus</i> to beta-lactams
Pereira, Bruno	Portuguese	Albert Bonniot Institute, Grenoble, France	Billaud, Marc	Institute of Molecular Pathology and Immunology of the University of Porto, Portugal	Functional characterization of the RNA-binding protein MEX3A on the regulation of intestinal cell polarity
Pinto, Ana	Portuguese	Wellcome Trust Centre for Gene Regulation and Expression, University of Dundee, United Kingdom	Rocha, Sónia	National Institute of Biomedical Engineering, University of Porto, Portugal	Exploring NF- κ B signalling pathway in human macrophages upon ionizing radiation
Pinto, Rita	Portuguese	University of Copenhagen, Denmark	Bennett, Eric	Institute of Molecular Pathology and Immunology of the University of Porto, Portugal	Establishment of an inducible CDX2 knock-out/knock-in <i>in vitro</i> model based in zinc-finger nuclease technology
Serras Barroso, Maria Madalena	Portuguese	Johannes Gutenberg University, Mainz, Germany	Helm, Mark	University of Lisbon, Portugal	The role of S-adenosylhomocysteine on RNA methylation
Garlea, Ioana Cristina	Romanian	Columbia University Medical Center, New York, United States	Cacciuto, Angelo	FOM Institute AMOLF, Amsterdam, Netherlands	The mechanical interplay between cytoskeletal filaments and the enclosing cell membrane: A driver for spatial organization of cells
Alenina, Natalia	Russian	University of Bristol, United Kingdom	Kasparov, Sergey	Max Delbrück Center for Molecular Medicine, Berlin, Germany	Deciphering neuronal circuits mediating serotonin actions in adult neurogenesis by use of optogenetics
Anastasina, Maria	Russian	Institute of Genetics and Molecular and Cellular Biology, Strasbourg, France	Egly, Jean-Marc	Institute for Molecular Medicine, University of Helsinki, Finland	Unveiling a mechanism of transcriptional control by influenza A virus
Arkhipova, Valentina	Russian	Max F. Perutz Laboratories, University of Vienna, Austria	Blaesi, Udo	Institute of Protein Research, Russian Academy of Sciences, Pushchino, Russian Federation	Study of the RNA-binding features of the archaeal and eukaryotic translation initiation factor 2
Mikhaylina, Alisa	Russian	Hannover Medical School, Germany	Fedorov, Roman	Institute of Protein Research, Russian Academy of Sciences, Pushchino, Russian Federation	Crystallization and preliminary X-ray studies of thermostable bacterial laccases from <i>Streptomyces</i> sp.

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Sorokina, Irina	Russian	Karolinska Institute, Stockholm, Sweden	Gogvadze, Vladimir	Moscow State University, Russian Federation	Mitochondria's role in the regulation of mitotic catastrophe
Ivovic, Vladimir	Serbian	University of Primorska, Koper, Slovenia	Varljen Buzan, Elena	Institute for Medical Research, University of Belgrade, Serbia	Molecular homogeneity in diverse geographical populations of <i>Phlebotomus neglectus</i> (Diptera, Psychodidae) based on the analysis of ribosomal internal transcribed spacer 2 (ITS2) sequences and the detection of Leishmania parasites within naturally infected sand flies
Skodová, Ingrid	Slovakian	University of California, Riverside, United States	Maslov, Dmitri	Comenius University, Bratislava, Slovakia	Identification of invisible A6 subunit of F1FO ATP synthase in parasitic protist <i>Trypanosoma brucei</i>
Valuchova, Sona	Slovakian	University of Minnesota Medical School, Minneapolis, United States	Hendrickson, Eric A.	Gregor Mendel Institute of Molecular Plant Biology GmbH, Vienna, Austria	Functional analysis of human Ku complexes with altered DNA interaction properties and their effect on DNA double strand break repair and telomere biology
Sustar, Vid	Slovenian	Curie Institute, Paris, France	de Marco, Ario	University of Nova Gorica, Slovenia	Identification of single-domain antibodies suitable for microbial pathogen diagnostic
Tajnik, Mojca	Slovenian	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Ule, Jernej	University of Ljubljana, Slovenia	Distal splicing regulation through competition of RNA-binding proteins on Alu elements
Zafred, Domen	Slovenian	University of Oxford, United Kingdom	Schofield, Christopher	University of Graz, Austria	Oxygen soaking in the crystalline state: An ultimate experiment for elucidating oxygen reactivity of FAD dependent oxidoreductases
Abelenda, José A.	Spanish	Wageningen University, Netherlands	Bachem, Christian W. B.	National Centre for Biotechnology, University of Madrid, Spain	Functional analysis of the potato plant maturity gene StCDF_V
Alvarez Nañez, Silvia	Spanish	University of California, San Francisco, United States	Passegué, Emmanuelle	Spanish National Cancer Research Centre, Madrid, Spain	Study of DNA replication dynamics and functionality of hematopoietic stem cells derived from a MCM3-deficient mouse
Arenas, Miguel	Spanish	University of Wyoming, Laramie, United States	Liberles, David	Center of Molecular Biology Severo Ochoa, Madrid, Spain	Development of ancestral sequence reconstruction methods that account for the stability of protein structures
Armengot Martínez, Laia	Spanish	École Normale Supérieure, Lyon, France	Jaillais, Yvon	University of Barcelona, Bellaterra, Spain	Role of protein kinase CK2 in plant phototropism
Aza, Ana	Spanish	Lineberger Comprehensive Cancer Center of North Carolina, Chapel Hill, United States	Ramsden, Dale	Center of Molecular Biology Severo Ochoa, Madrid, Spain	Pol X contribution to NHEJ <i>in vivo</i>
Bailo Vergara, Rebeca	Spanish	University of Birmingham, United Kingdom	Bhatt, Apoorva	University of Zaragoza, Spain	Phenotypic characterization of efflux pump mutants from <i>Mycobacterium tuberculosis</i>

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Blanco, Eva	Spanish	Paul-Ehrlich Institute, Langen, Germany	Ivics, Zoltan	Centre for Genomics and Oncological Research, University of Granada, Spain	Characterization of host factors that control LINE-1 activity in haploid mouse embryonic stem cells
Blázquez, Alfonso	Spanish	Aarhus University, Denmark	Ogilby, Peter R.	Institute of Biomedical Research 'Alberto Sols', Madrid, Spain	Analysis of cellular responses to mild photodynamic ROS production at the single cell level
Brugarolas, Marc	Spanish	Max Planck Institute for Intelligent Systems, Heidelberg, Germany	García-Sáez, Ana J.	University of Barcelona, Spain	Study of the adenosine receptors A1-A2a oligomer formation at a molecular level
Busnadiego Prieto, Oscar	Spanish	Johns Hopkins University School of Medicine, Baltimore, United States	Dietz, Harry C.	Center of Molecular Biology Severo Ochoa, Madrid, Spain	Role of the lysyl oxidase family of matrix remodeling enzymes in the aortic complications of Marfan syndrome
Caminero Fernández, Alberto	Spanish	McMaster University, Hamilton, Canada	Verdú, Elena	University of León, Spain	The role of intestinal microbiota in gluten metabolism and celiac disease pathogenesis using animal models
Caro Burgos, Mercedes	Spanish	University of California, San Diego, United States	Miller, Yury	AZTI-Tecnalia, Derio, Spain	Antioxidant vegetable extracts effect on diet induced early atherosclerosis zebrafish model
Casanova, Marfa	Spanish	Mount Sinai School of Medicine, New York, United States	Merad, Miriam	Spanish National Center for Cardiovascular Research, Madrid, Spain	Functional and molecular characterization of bone marrow-resident macrophages
Castaño, Laura	Spanish	Leiden University Medical Center, Netherlands	Vertegaal, Alfred	Centre for Research in Agricultural Genomics, Barcelona, Spain	Identification of SUMO acceptors sites on SUMO Activating Enzyme 2, SAE2, by mass spectrometry
Cutando Ruiz, Laura	Spanish	University of Tokyo, Japan	Kano, Masanobu	Pompeu Fabra University, Barcelona, Spain	Electrophysiological and molecular studies to evaluate the microglial modulation of cerebellar functionality
De Miguel Vijandi, Cristina	Spanish	University of Goettingen, Germany	Bucher, Gregor	Institut of Molecular Biology of Barcelona, Spain	Morphogenesis and evolution of insect tracheal system
Díaz Moreno, María	Spanish	Center for Regenerative Therapies Dresden, Germany	Walker, Tara	Institute of Health Carlos III, Madrid, Spain	Isolation of hippocampal NSCs (HC-NSCs) to study the regulatory mechanisms undelaying neurogenesis in Alzheimer's disease
Echbarthi, Meriem	Spanish	European Molecular Biology Laboratory, Heidelberg, Germany	Schwab, Yannick	National Centre for Biotechnology, University of Madrid, Spain	Intracellular trafficking of TIM proteins: Implication in cell adhesion and regulation of immune responses
Espinosa, Javier	Spanish	University of California, San Diego, United States	Golden, Susan S.	University of Alicante, Spain	Regulatory connections between the cyanobacterial circadian clock and the essential two-component system NblS-RpaB

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Fereres, Sol	Spanish	Erasmus University Medical Center, Rotterdam, Netherlands	Verrijzer, Peter	Center of Molecular Biology Severo Ochoa, Madrid, Spain	Molecular function and biochemical activity of the dRYBP protein in the epigenetic regulation of gene expression in <i>Drosophila</i>
Fernández Pérez, María Piedad	Spanish	Ludwig Institute for Cancer Research, University of Oxford, United Kingdom	Goding, Colin	University of Murcia, Spain	Regulation of microphthalmia-associated transcription factor (MITF) by lysine methylation
Fernández Ruiz, Antonio	Spanish	New York University, United States	Buzsáki, György	Cajal Institute, Madrid, Spain	Optogenetic dissection of the cellular basis of the cortico-hippocampal circuit
Galvez-Santisteban, Manuel Angel	Spanish	French National Center for Health and Medical Research, Paris, France	Saunier, Sophie	Center of Molecular Biology Severo Ochoa, University of Madrid, Spain	Role of synaptotagmin-like proteins in epithelial morphogenesis in zebrafish
García Giménez, Sónia	Spanish	Institute of Biophysics, Academy of Sciences of the Czech Republic, Brno, Czech Republic	Kovarik, Ales	University of Barcelona, Spain	Models of evolution in small and large rDNA clusters: Examples in L-type & S-type seed plants
García-Parra, Patricia	Spanish	Pierre & Marie Curie University, Paris, France	Relaix, Frédéric	Biomedical Research Institute, Donostia University Hospital, San Sebastian, Spain	Lineage tracing of murine dermis-derived myogenic precursor cells
Garrido-Godino, Ana Isabel	Spanish	European Molecular Biology Laboratory, Heidelberg, Germany	Steinmetz, Lars M.	University of Jaén, Spain	Genome-wide study of the components of <i>S. cerevisiae</i> transcription machinery by RIP-seq
Gil Hernández, Álvaro	Spanish	University of Regensburg, Germany	Milkereit, Phillipp	Institute of Functional Biology and Genomics, University of Salamanca, Spain	Molecular-genetic analysis of the structural determinants and primary functions of eukaryotic ribosomal protein L16 in <i>Saccharomyces cerevisiae</i>
Gil, Pilar	Spanish	University of Edinburgh, United Kingdom	Fitzpatrick, David	Institute of Biomedical Research 'Alberto Sols', Madrid, Spain	Identifying genes that cause human developmental disorders
Gómez Pérez, Laura	Spanish	Institute of Clinical Neurobiology, University of Würzburg, Germany	Sendtner, Michael	University of Cadiz, Spain	Study of the NO/TASK pathway in two different mouse models of neurodegenerative motor pathologies: Progressive motor neuronopathy (pmn) and Smn ^{-/-} /SMN2 mice
Gómez-Sicilia, Ángel	Spanish	Institute of Physics, Polish Academy of Science, Warsaw, Poland	Cieplak, Marek	Cajal Institute, Madrid, Spain	Structural determination of neurotoxic species in polyglutamine
González Loyola, Alejandra	Spanish	Imperial College London, United Kingdom	Dillon, Niall	Spanish National Cancer Research Centre, Madrid, Spain	Understanding the epigenetic role of Aurora kinases in pluripotency

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Jurado-Gomez, Jaime	Spanish	Massachusetts Institute of Technology, Cambridge, United States	Martin, Adam C.	Center of Molecular Biology Severo Ochoa, Madrid, Spain	Exploring the basic mechanisms underlying apical contraction during mesoderm invagination and dorsal closure in <i>Drosophila</i>
Latorre Pelicer, Ana	Spanish	University of Helsinki, Finland	Suomalainen Wartiovaara, Anu	Spanish National Center for Cardiovascular Research, Madrid, Spain	Mitochondrial DNA segregation upon lineage determination
Ledesma Amaro, Rodrigo	Spanish	Chalmers University of Technology, Gothenburg, Sweden	Nielsen, Jens	University of Salamanca, Spain	Genome-scale metabolic model of <i>Ashbya gossypii</i> as a platform to study lipid metabolism and PUFAs production
Lora Cabrera, Jorge	Spanish	University of Freiburg, Germany	Laux, Thomas	Aula Dei Experimental Station, Zaragoza, Spain	Analysis of candidate interactors of WIH proteins
Lurgi, Miguel	Spanish	Trinity College Dublin, Ireland	Donohue, Ian	Marine Sciences Institute, Barcelona, Spain	Stability in microbial communities in face of perturbations
Martin Sanchez, Miguel	Spanish	Institute of Functional Genomics, Montpellier, France	Valjent, Emmanuel	Hospital del Mar Medical Research Institute, Barcelona, Spain	Study to identify the actively translating mRNAs regulated in DAergic and striatal D2-containing neurons that are involved in the development of binge-eating
Martínez Fernández, Mónica	Spanish	University College London, United Kingdom	Beck, Stephan	Research Centre for Energy Environment and Technology, Madrid, Spain	Insights into the role of epigenetics in recurrence of bladder cancer
Martinez-Lopez, Jose Antonio	Spanish	Harvard Medical School, Boston, United States	Sabatini, Bernardo	Institute of Biomedicine of Seville, Spain	Functional super-resolution microscopy in brain slices combining stimulated-emission depletion (STED) and two-photon laser scanning microscopy (2PLSM)
Mata Martin, M^aCarmen	Spanish	Ben-Gurion University of the Negev, Béer-Sheva, Israel	Zaritsky, Arie	University of Extremadura, Badajoz, Spain	Coordination between chromosome replication and cell division processes under accumulated initiation capacity generated by thymine starvation and limitation
Monte, Isabel	Spanish	Kyoto University, Japan	Kohchi, Takayuki	National Centre for Biotechnology, University of Madrid, Spain	Jasmonate perception complex in the liverwort <i>Marchantia polymorpha</i>
Morales, Jorge	Spanish	The Sainsbury Laboratory, Norwich, United Kingdom	Zipfel, Cyril	Centre for Plant Biotechnology and Genomics, Madrid, Spain	Understanding the role of the <i>Arabidopsis</i> β -subunit of heterotrimeric G-proteins (AGB1) in RBOH-mediated immune signalling
Moro Martín, Laura	Spanish	Jena University Hospital, Germany	Markert, Udo	Barcelona Centre for International Health Research, Barcelona, Spain	Study of trophoblast microRNAs in circulating microparticles from pregnant women exposed to malaria and HIV
Muñoz Félix, José Manuel	Spanish	Biology of Cancer and Infection, Grenoble, France	Bailly, Sabine	University of Salamanca, Spain	Study of the role of BMP9 -ligand for ALK1- in renal fibrosis development

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Munoz-Lopez, Martin	Spanish	Mater Medical Research Institute, Brisbane, Australia	Faulkner, Geoffrey J.	Centre for Genomics and Oncological Research, University of Granada, Spain	Analysis of LINE-1 retrotransposition in iPS cells with an ataxia telangiectasia genotype by retrotransposon capture-sequencing methodology
Nadal, Mercedes	Spanish	University of Verona, Italy	Donadelli, Massimo	University of the Balearic Islands, Palma de Mallorca, Spain	Regulation of UCP2 expression by mutant p53 in pancreatic adenocarcinoma cell lines
Narvaez Pelaez, Manuel	Spanish	Karolinska Institute, Stockholm, Sweden	Borroto Escuela, Dasiel	University of Malaga, Spain	Molecular characterization of the galanin/neuropeptide Y receptors interaction related with anxiety
Navarro Garberi, Maria	Spanish	Institute of Developmental Genetics, Helmholtz Center of Munich, Germany	Prakash, Nilima	University of Miguel Hernández, Alicante, Spain	The role of Wnt signal in the development of meso-diencephalic dopaminergic neurons
Olmedo, Maria	Spanish	Andalusian Center for Developmental Biology, Pablo de Olavide University, Seville, Spain	Artal Sanz, Marta	Institute of Medical Psychology, Ludwig Maximilians University, Munich, Germany	Circadian rhythms in metabolism in <i>C. elegans</i>
Olombrada, Miriam	Spanish	Swiss Federal Institute of Technology, Zurich, Switzerland	Panse, Vikram	Complutense University of Madrid, Spain	Use of fungal ribotoxins as tools for the study of ribosome biogenesis
Otero, Sofia	Spanish	Duke University, Durham, United States	Benfey, Philip N.	Center of Molecular Biology Severo Ochoa, Madrid, Spain	Cell-type-specific genome-wide mapping of histones H3.1 and H3.3 in the <i>Arabidopsis</i> root
Pascual-Lucas, Maria	Spanish	Ulm University, Germany	Boeckers, Tobias M.	Centre for Applied Medical Research, Pamplona, Spain	Understanding the mechanism of action of insulin-like growth factor 2 (IGF2) for the treatment of Alzheimer's disease
Peregrina Lavín, Alexandra	Spanish	Center for Synthetic Microbiology, Philipps University Marburg, Germany	Becker, Anke	Zaidín Experimental Staion, Granada, Spain	Design of synthetic trans-acting sRNAs for the biological containment of recombinant legume symbiotic bacteria
Pérez de Diego, Rebeca	Spanish	The Rockefeller University, New York, United States	Casanova, Jean-Laurent	La Paz University Hospital, Madrid, Spain	Whole-exome sequencing in patients with antibody deficiencies to describe new genetic etiologies
Pérez Torrado, Roberto	Spanish	Delft University of Technology, Netherlands	Pronk, Jack T.	Spanish National Research Council, Paterna, Spain	Towards the elucidation of glycerol metabolism and redox balancing in <i>Saccharomyces kudriavzevii</i>
Pi-Roig, Aina	Spanish	Medical Research Council National Institute for Medical Research, London, United Kingdom	Logan, Malcolm	Spanish National Research Council, Barcelona, Spain	The role of Tbx5 in the establishment of vertebrate left-right asymmetry

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Poater, Jordi	Spanish	Free University of Amsterdam, Netherlands	Bickelhaupt, F. Matthias	Institute of Computational Chemistry and Catalysis, University of Girona, Spain	Computer-aided design of unnatural DNA base pairs that can undergo DNA replication
Rodríguez Vargas, José Manuel	Spanish	University of Strasbourg, France	Dantzer, Françoise	Institute of Parasitology and Biomedicine 'López-Neyra', Granada, Spain	Role of poly(ADP-ribosyl)ation in starvation-induced autophagy
Romera Cárdenas, Gema	Spanish	National Institute of Allergy and Infectious Diseases, Rockville, United States	Long, Eric O.	National Centre for Biotechnology, University of Madrid, Spain	Analysis of a model system for the study of NK cell hyporesponsiveness
Roodveldt, Cintia	Spanish	Brigham & Women's Hospital, Boston, United States	Quintana, Francisco J.	CABIMER-Andalusian Center for Molecular Biology and Regenerative Medicine, University of Seville, Spain	Study of the response mediated by regulatory T (Treg) cells to alpha-synuclein and its modulation by Hsp70
Rueda, Carlos	Spanish	University College London, United Kingdom	Duchen, Michael	Center of Molecular Biology Severo Ochoa, Madrid, Spain	SCaMC-3, the CNS mitochondrial ATP-Mg/Pi carrier – a novel determinant of neuronal fate during stroke
Sbert Roig, Miquel	Spanish	Institute of Cardiovascular & Medical Sciences, Glasgow, United Kingdom	Salt, Ian	University of the Balearic Islands, Palma de Mallorca, Spain	Molecular mechanisms by which AMPK activation inhibits IL-1-beta-stimulated proinflammatory signalling in adipocytes and endothelial cells
Serra, Helena	Spanish	Cancer Research UK London Research Institute, United Kingdom	Gerhardt, Holger	Duran i Reynals Hospital, Barcelona, Spain	Cross-talk of PTEN and Notch in the regulation of stalk cell proliferation
Tort Regàs, Olivia	Spanish	Curie Institute, Orsay, France	Janke, Carsten	Institute for Biotechnology and Biomedicine, Bellaterra, Spain	Characterization of the cytosolic carboxypeptidases 2 and 3 in the KO mouse models
Vázquez Vilar, Marta	Spanish	John Innes Centre, Norwich, United Kingdom	Martin, Cathie R.	Institute for Molecular and Cellular Plant Biology, Valencia, Spain	Development of high flavan-3-ols tomatoes by introducing a novel branch of the flavonoid pathway
Abdulkarim, Baroj	Swedish	University of Cambridge, United Kingdom	Ron, David	Free University of Brussels, Belgium	The consequence of a missense mutation in the PP1c binding site of CReP
Staaf, Elina	Swedish	University of California, Irvine, United States	Gratton, Enrico	Karolinska Institute, Stockholm, Sweden	NK cell education – advanced microscopy-based methods for assessing dynamics and interactions at single molecule level
Vain, Thomas	Swedish	University of California, San Diego, United States	Mark, Estelle	Umea Plant Science Center, Sweden	Characterization of the molecular mechanisms connecting chemically induced phenotypes and TIR1/AFB-Aux/IAA co-receptors affinity

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Gfeller, David	Swiss	European Molecular Biology Laboratory - European Bioinformatics Institute, Hinxton, United Kingdom	Teichmann, Sarah	Swiss Institute of Bioinformatics, Lausanne, Switzerland	Evolution of T helper cells: How does a highly evolvable system evolve?
Yu, Haochen	Swiss	Wellcome Trust/Cancer Research UK Gurdon Institute, Cambridge, United Kingdom	Carazo Salas, Rafael	Swiss Federal Institute of Technology, Zurich, Switzerland	A genome-wide microscopy screen for molecular mechanisms controlling non-chromosomal DNA identity and segregation
Gasmi, Laila	Tunisian	University of Montpellier 2, France	Volkoff, Anne-Nathalie	University of Valencia, Spain	Characterization of <i>Spodoptera exigua</i> polydnavirus homolog genes by studying their synergistic or antagonistic effects on the parasitism process
Cevik, Munire Ozlem	Turkish	Rudolf-Virchow-Zentrum, Würzburg, Germany	Heisenberg, Martin	University Sogutozu, Ankara, Turkey	Cross-modal attention in the fruit fly <i>Drosophila melanogaster</i>
Cort, Aysegul	Turkish	Imperial College London, United Kingdom	Djamgoz, Mustafa B.A.	Akdeniz University, Antalya, Turkey	Oxidative stress and role of functional voltage-gated sodium channel expression in human breast cancer cells
Erdem, Beril	Turkish	Leipzig University, Germany	Schulz, Angela	Hacettepe University, Ankara, Turkey	Investigating the effects of new mutations found in the <i>AVPR2</i> gene of patients with diabetes insipidus
Kant, Melis	Turkish	National Institute of Standards and Technology, Gaithersburg, United States	Dizdaroglu, Miral	School of Medicine, Dokuz Eylul University, Izmir, Turkey	Oxidatively induced DNA damage and its repair in living organisms to understand the role of this type of DNA damage and repair in disease processes
Selli, Cigdem	Turkish	University of Edinburgh, United Kingdom	Sims, Andrew H.	Ege University, Izmir, Turkey	Bioinformatics analysis of whole-genome gene expression and microRNA sequencing data obtained from TRPC1-silenced and overexpressed cells
Uyar, Arzu	Turkish	Karolinska Institute, Stockholm, Sweden	Nilsson, Lennart	Bogazici University, Istanbul, Turkey	Investigation of conformational changes in nucleic acid binding proteins using hybrid methodologies: A case study on NF- κ B
Koval, Lyudmyla	Ukrainian	Marseille University, France	Bregestovski, Piotr	Palladin Institute of Biochemistry of the National Academy of Sciences of Ukraine, Kyiv, Ukraine	The mechanisms of alpha7 nicotinic acetylcholine receptor signaling in B lymphocytes
Kulinich, Anna	Ukrainian	University Hospital of Erlangen, Germany	Schlachetzki, Johannes	Dnipropetrovsk State Medical Academy, Ukraine	Oxidative stress-induced post-translational modifications of alpha-synuclein and their role on microglial activation
Nemazanyy, Ivan	Ukrainian	University of California, San Diego, United States	Guan, Kun-Liang	French National Institute for Health and Medical Research, Paris, France	Role of Class III PI3K complex - Vps15/Vps34 in metabolism and growth regulation

EMBO Short-Term Fellowships awarded in 2013

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Cordeiro, Ciro	US-American	University College London, United Kingdom	Saiardi, Adolfo	University of Georgia, Athens, United States	Inositol pyrophosphates in trypanosomes
Kenney, Justin	US-American	University of Bergen, Norway	Bramham, Clive	University of Southampton, United Kingdom	Examining the regulation of local mRNA translation initiation in synaptic plasticity
Parker, Sarah	US-American	Swiss Federal Institute of Technology, Zurich, Switzerland	Aebersold, Ruedolf	Institute of Genetic Medicine, Baltimore, United States	The role of lineage-specific differences in the vascular smooth muscle cell proteome in the mechanism of aortic aneurysm development
Stojkovic, Vanja	US-American	Weizmann Institute of Science, Rehovot, Israel	Tawfik, Dan S.	University of California, San Francisco, United States	Evolution of antibiotic resistance caused by methylation of bacterial ribosome

ERS | EMBO Fellowships awarded in 2013*

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Ketelaar, Maria Elizabeth	Dutch	Queen's Medical Centre, University of Nottingham, United Kingdom	Sayers, Ian	University Medical Centre Groningen, Netherlands	Understanding the role of genetic variation of the IL33 gene in asthma

*EMBO and the European Respiratory Society (ERS) launched joint fellowships in December 2012

EMBO Short-Term Fellowships 2013: Geographical distribution

Applications

To	From*	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	Ireland	Israel	Italy	Luxembourg	Netherlands	Norway	Poland	Portugal	Slovak Republic	Slovenia	Spain	Sweden	Switzerland	Turkey	UK	Eastern Europe	USA/Canada	Others	Total
Austria					1							2				1		1	1					1		1			1		1	10
Belgium										2				1						2			1	2					2		2	12
Croatia																																0
Czech Republic																								2					1			3
Denmark										1	1					1				1	1			4							4	13
Estonia																																0
Finland									1							2								2					1		2	8
France	1	1		1				2		1		1			1	9		2			1		1	15		1	2	3	2	7		51
Germany	1								3		2			1	1	6		5		2	3			21	1	1	4		7	1	14	73
Greece																																0
Hungary																															1	1
Iceland																																0
Ireland																2								1							2	5
Israel										1		1									1			1						2		6
Italy						1												1			1			6		1	1	1			5	17
Luxembourg																					1											0
Netherlands										2	1					2				2	1			8				2	1		4	23
Norway									1			1						1						1				2			2	8
Poland																								1							1	2
Portugal																								3					1		1	5
Slovak Republic																													1			1
Slovenia				1																				1					1			3
Spain				1				1		2	1				1	6		1		1	3						2		2	1	18	40
Sweden					2					2						3								4			2	4	2		5	24
Switzerland	1			2						1						2		1						3			1			2	2	15
Turkey																															1	1
UK	2	1	2	1	3				1	7	1	2		1	1	10		4			5	1	1	31	1	1	3	1	1	1	11	93
EMBL										1														2		2						5
Eastern Europe																																0
USA/Canada	2	3	1	2	2			1	6	9	4	2		1	1	11		14	1	3	2	1		35	3	3	3	7				117
Others			1			1			2	2						2		4						5				7				24
Total		7	6	5	9	7	0	4	14	31	10	9	0	4	5	57	0	34	2	11	18	2	3	149	5	10	16	26	24	9	83	560

* "From" refers to home laboratory (see list on pages 49–71)

EMBO Short-Term Fellowships 2013: Geographical distribution

Awards

To	From *	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	Ireland	Israel	Italy	Luxembourg	Netherlands	Norway	Poland	Portugal	Slovak Republic	Slovenia	Spain	Sweden	Switzerland	Turkey	UK	Eastern Europe	USA/Canada	Others	Total
Austria												2						1	1										1			5
Belgium																				2			1						1		1	5
Croatia																																0
Czech Republic																								1								1
Denmark										1	1					1				1	1			2							2	9
Estonia																																0
Finland									1							1								1								3
France		1		1				2		1		1			1	6		1			1		1	9		1		2	2	1	2	33
Germany	1								1					1		1				2	2			12			3		3		4	30
Greece																																0
Hungary																																0
Iceland																																0
Ireland																								1							2	3
Israel										1		1									1			1						2		6
Italy					1													1						1				1				4
Luxembourg																																0
Netherlands										1	1					1				1	1			6				2			1	14
Norway									1			1						1										2				5
Poland																								1								1
Portugal																								1								1
Slovak Republic																																0
Slovenia																														1		1
Spain								1		2	1					3					2										4	13
Sweden				1						2						1								2			1	4	1			12
Switzerland	1			1						1						2		1						2						2	1	11
Turkey																																0
UK	2	1		1	2				1	6	1			1	1	4		1			2		1	13	1	1	2			1	3	45
EMBL										1														2		2						5
Eastern Europe																																0
USA/Canada	2	2	1	1	2				4	4					1	6		8	1	1	2	1		16	3	2	1	6				64
Others										1						2		1						3				2				9
Total		6	4	1	5	5	0	3	8	21	4	5	0	2	3	28	0	15	2	7	12	1	3	74	4	6	7	19	9	6	20	280

* "From" refers to home laboratory (see list on pages 49–71)

EMBO Young Investigators

www.embo.org/funding-awards/young-investigators

yip@embo.org

Launched in 2000, the programme has supported 291 scientists in 19 EMBC Member States. In 2013, the second scientist from Singapore joined the network due to a cooperation agreement signed in 2011. The EMBO Young Investigators benefit from training opportunities designed to raise their profile, widen their networks and support their research groups.

Gerlind Wallon
Programme Manager

EMBO Young Investigators 2013

Name	Nationality	Institute	Research interest	Country
Ido Amit	Israeli	Weizmann Institute of Science, Rehovot	The mammalian gene regulatory network	Israel
Pedro Carvalho	Portuguese	Center for Genomic Regulation, Barcelona	Homeostasis of the endoplasmic reticulum	Spain
Chunaram Choudhary	Indian	University of Copenhagen	Post-translational modifications	Denmark
Victoria Cowling	British	MRC Protein Phosphorylation & Ubiquitylation Unit, Dundee	Regulation of methyl cap synthesis	United Kingdom
David Drew	New Zealander	Stockholm University	Structure and mechanism of membrane proteins	Sweden
Florent Ginhoux	French	Singapore Immunology Network, A*Star	Dendritic cells	Singapore
Petra Hajkova	Czech	MRC Clinical Sciences Centre, Imperial College London	Epigenetic reprogramming <i>in vivo</i>	United Kingdom
Kim Jensen	Danish	University of Copenhagen	Regulatory mechanisms of stem cell behaviour	Denmark
Kerstin Kaufmann	German	University of Potsdam	Molecular control of organ specification in plants	Germany
Melike Lakadamyali	Cypriot	The Institute of Photonic Sciences, Castelldefels	Imaging life's processes	Spain
Darren Logan	British	Wellcome Trust Sanger Institute	Olfaction and behaviour	United Kingdom
Andrew Lovering	British	University of Birmingham	The bacterial predator <i>Bdellovibrio bacteriovorus</i>	United Kingdom
Brian Luke	German	University of Heidelberg	Telomere function and cellular senescence	Germany
Niels Mailand	Danish	University of Copenhagen	Regulation of the DNA damage response	Denmark
Tomas Marques-Bonet	Spanish	Universitat Pompeu Fabra/CSIC, Barcelona	Primate genomic variation	Spain
Sascha Martens	German	Max F. Perutz Laboratories, University of Vienna	Molecular mechanisms of autophagy	Austria
Olivier Mathieu	French	Blaise Pascal University, Clermont-Ferrand	Silencing, environment and transposons	France
Anna Sablina	Russian	VIB & KU Leuven	Mechanisms of cell transformation	Belgium
Simon Sprecher	Swiss	University of Fribourg	Development and function of sensory systems	Switzerland
Manuel Théry	French	Institute of Life Sciences Research and Technologies, Grenoble & University Institute of Haematology	Cell architecture and polarity	France
Pavel Tolar	Czech	MRC Institute for Medical Research, London	Activation of immune receptors	United Kingdom
Jan-Willem Veening	Dutch	University of Groningen	Cell division in the pathogen <i>Streptococcus pneumoniae</i>	Netherlands
Julien Vermot	French	Institute of Genetics and Molecular and Cellular Biology, Illkirch	Blood flow sensing and cardiovascular morphogenesis	France

EMBO Young Investigators 2000–2012

Adams, Ralf	Cavaillé, Jérôme	Glotzer, Michael	Kondrashov, Fyodor	Moller, Simon Geir	Robinson, Robert	Tanaka, Tomoyuki
Agami, Reuven	Chin, Jason	Gönczy, Pierre	Konieczny, Igor	Morillon, Antonin	Rodriguez, Ivan	Tanay, Amos
Ahel, Ivan	Chiti, Fabrizio	González-Reyes, Acaimo	Kunji, Edmund	Mosialos, George	Roska, Botond	Tapon, Nicolas
Allain, Frédéric	Christoforidis, Savvas	Gotta, Monica	Labib, Karim	Mota, Maria	Rouse, John	Tarsounas, Madalena
Alon, Uri	Clausen, Tim	Grill, Stephan	Längst, Gernot	Musacchio, Andrea	Sahai, Erik	Tavernarakis, Nektarios
Antonny, Bruno	Collinson, Ian	Groth, Anja	Lappalainen, Pekka	Nagy, Laszlo	Salecker, Iris	Teichmann, Sarah
Arber, Silvia	Conrad, Barbara	Grunwald Kadow, Ilona	Lecuit, Thomas	Nehrbass, Ulf	Santos, Manuel	Teleman, Aurelio
Arkowitz, Robert	Corona, Davide	Hajnal, Alex	Lehner, Ben	Neuhauss, Stephan	Saudou, Frédéric	Telford, Maximilian
Arribas, Joaquin	Cosma, Maria Pia	Hanna, Jacob	Lemaitre, Bruno	Nichols, Benjamin	Schärer, Orlando D.	Therond, Pascal
Ashe, Hilary	Costanzo, Vincenzo	Hardingham, Giles	Levashina, Elena A.	Nissen, Poul	Schedl, Andreas	Thompson, Barry
Averof, Michalis	Cramer, Patrick	Harkany, Tibor	Leys, David	Nollen, Ellen	Schleper, Christa	Torres-Padilla, Maria-Elena
Azzalin, Claus	Currie, Peter	Hassan, Bassem	Logan, Malcolm	Noselli, Stéphane	Schlötterer, Christian	Touche, Didier
Maria	d'Adda di Fagagna, Fabrizio	Hauke, Volker	Lohmann, Jan	Odom, Duncan	Schnitz, Kay	Trumpp, Andreas
Barkai, Naama	Daumke, Oliver	Helariutta, Ykä	Lopes, Massimo	Oldroyd, Giles	Schnorrer, Frank	Tuschl, Thomas
Barr, Francis	Davis, Daniel	Helms, Volkhard	López-Bendito, Guillermina	Otzen, Daniel	Schratt, Gerhard	Uhlmann, Frank
Barral, Yves	de Gier, Jan-Willem	Hidalgo, Alicia	Lorentzen, Esben	Owen-Hughes, Tom	Schübeler, Dirk	Ulrich, Helle
Barre, François-Xavier	Del Pozo, Miguel A.	Hirst, Judy	Löwe, Jan	Owen, David	Schuh, Melina	Ungermann, Christian
Basto, Renata	Delledonne, Massimo	Hoffmann, Eva	Lüdde, Tom	Oxenius, Annette	Schuldiner, Maya	van Aalten, Daan
Batista, Facundo	Dessen, Andrea	Holstege, Frank	Lygerou, Zoi	Palková, Zdena	Schulze, Almut	Van den Ackerveken, Guido
Baum, Buzz	Dickson, Barry	Hoogenraad, Casper	Madan Babu, M.	Palmer, Ruth	Schwappach, Blanche	van Steensel, Bas
Behrens, Axel	Dominguez, Maria	Hopfner, Karl-Peter	Makinen, Taija	Pasero, Philippe	Scorrano, Luca	Segal, Eran
Beja, Oded	Donaldson, Anne	Hoppe, Thorsten	Malnasi Csizmadia, Andras	Peeper, Daniel	Seal, Mattheias	Selbach, Matthias
Bellaiche, Yohannis	Dutzler, Raimund	Hummel, Thomas	Mansuy, Isabelle	Pellizzoni, Livio	Seoane, Joan	Seoane, Joan
Ben-Yehuda, Sigal	Einsle, Oliver	Ivaska, Johanna	Manzanares, Miguel	Peracchi, Alessio	Silva-Santos, Bruno	Simons, Mikael
Benton, Richard	Elena, Santiago	Jacobs, Jacqueline	Marin, Oscar	Perrakis, Anastassis	So, Eric	Sorek, Rotem
Berezikov, Eugene	Elf, Johan	Janke, Carsten	Marine, Jean-Christophe	Peters, Antoine	Sourjik, Victor	Soutoglou, Evanthis
Berger, Frédéric	Etienne-Manneville, Sandrine	Jansen, Ralf	Marston, Adele	Peters, Jan-Michael	Spahn, Christian	Spang, Anne
Bertolotti, Anne	Fankhauser, Christian	Jefferys, Gregory	Martin-Bermudo, Maria Dolores	Petronczki, Mark	Stark, Alexander	Stark, Alexander
Bertrand, Edouard	Fernández-Capetillo, Óscar	Jensen, Torben	Martín-Serrano, Juan	Philpott, Dana	Stock, Daniela	Sträßer, Katja
Bettencourt-Dias, Mónica	Fernández-Chacón, Rafael	Heick	Martin, Sophie	Pierre, Philippe	Strick, Terence	Stumpf, Michael
Blanpain, Cédric	Fischer, André	Jessberger, Sebastian	Martinez, Javier	Pilpel, Yitzhak	Strick, Terence	Suomalainen-Wartiavaara, Anu
Blázquez, Miguel	Friml, Jiri	Jovine, Luca	Más, Paloma	Poirazi, Panayiota	Strick, Terence	Szabó, Ildikó
Bochtler, Matthias	Fuks, François	Kaessmann, Henrik	Mattevi, Andrea	Polo, Simona	Stump, Michael	Taipale, Jussi
Boulton, Simon	Garel, Sonia	Keays, David	Mehlen, Patrick	Posas, Francesc	Suomalainen-Wartiavaara, Anu	Tamagnone, Luca
Bousso, Philippe	Garinis, George	Ketting, René	Meier, Pascal	Prud'homme, Benjamin	Zeeman, Samuel	Zernicka-Goetz, Magdalena
Boutros, Michael	Geldner, Niko	Khakh, Baljit	Meraldi, Patrick	Radtke, Freddy	Zimmermann, Pascale	
Briscoe, James	Gerhardt, Holger	Klose, Robert	Miguel-Aliaga, Irene	Ralser, Markus		
Bühler, Marc	Gerlich, Daniel	Knoblich, Jürgen	Milán, Marco	Reddy, Akhilesh		
Bujnicki, Janusz	Wolfram	Köhler, Claudia	Milo, Ron	Reich, Ziv		
Bumann, Dirk	Gil, Jesus	Komander, David	Miska, Eric	Rescigno, Maria		
Carballido-López, Rut			Mitchell, Kevin	Reversade, Bruno		
Carleton, Alan				Ricci, Romeo		
Carroll, Jason				Richards, Thomas		
Carter, Andrew				Rico, Beatriz		
Casares, Fernando				Rizzoli, Silvio		

EMBO Young Investigators: statistics

Applications and awards 2004–2013

Country	2004		2005		2006		2007		2008		2009		2010		2011		2012		2013	
	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.
Austria	3	1	3	1	3	0	2	1	1	0	2	0	1	0	0	0	2	2	3	1
Belgium	1	0	3	0	6	2	6	1	2	0	6	1	3	1	3	0	3	0	5	1
Croatia	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Czech Republic	4	0	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0
Denmark	0	0	1	0	3	0	2	0	1	0	0	0	2	0	5	1	1	0	4	3
Estonia	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Finland	9	0	2	0	5	2	8	0	2	0	2	0	1	0	2	0	4	0	9	0
France	17	3	14	2	16	4	8	3	11	1	11	0	12	0	23	4	21	3	29	3
Germany	30	3	23	4	27	2	19	3	21	1	17	2	22	7	19	3	16	1	17	2
Greece	4	1	6	0	4	0	4	0	2	0	2	0	2	0	1	0	1	1	0	0
Hungary	5	0	1	0	3	0	0	0	3	0	1	0	0	0	0	0	1	0	1	0
Iceland	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0
Ireland	3	1	1	0	2	0	0	0	0	0	1	0	2	0	2	0	1	0	0	0
Israel	5	0	3	1	5	1	2	1	4	0	6	1	7	1	4	1	10	4	8	1
Italy	14	0	14	1	11	3	10	1	4	0	15	1	12	1	11	0	8	0	7	0
Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Netherlands	3	1	5	1	8	0	5	1	7	0	7	1	7	1	6	1	13	1	11	1
Norway	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	2	0
Poland	8	1	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Portugal	3	0	4	0	2	0	1	0	1	0	2	1	5	1	3	0	3	0	19	0
Slovak Republic	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Slovenia	1	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Spain	21	1	17	1	16	0	18	3	12	1	8	0	14	3	27	0	23	1	28	3
Sweden	8	0	3	1	10	0	14	1	3	0	3	1	4	0	8	1	7	1	6	1
Switzerland	8	1	8	3	5	2	4	0	5	2	11	6	11	1	11	3	10	2	7	1
Turkey	1	0	0	0	0	0	2	0	3	0	1	0	0	0	1	0	4	0	0	0
United Kingdom	20	7	13	2	22	5	26	3	32	7	24	3	32	5	34	8	22	5	29	5
Singapore																	4	1	1	1
Taiwan																			1	0
Total	172	20	128	17	153	21	132	18	116	12	123	17	137	21	164	22	160	22	192	23
Female	39	4	32	2	32	6	37	3	32	2	34	4	39	3	57	8	57	8	59	5
Male	133	16	96	15	121	15	95	15	84	10	89	13	98	18	107	14	103	14	133	18

EMBO Young Investigator Lectures 2013

Young Investigator	Conference	Location	Date
Johan Elf	Gordon Research Conference: Stochastic Physics in Biology	US–Ventura CA	13–19 January
Sebastian Jessberger	Keystone Symposium: Neurogenesis	US–Santa Fe	3–8 February
Ivan Ahel	Gordon Research Conference: Mammalian DNA Repair	US–Ventura CA	10–15 February
Madalena Tarsounas	Keystone Symposium: Genomic Instability and DNA Repair	CA–Banff	3–8 March
Jacqueline Jacobs	Keystone Symposium: Genomic Instability and DNA Repair	CA–Banff	3–8 March
Massimo Lopes	Keystone Symposium: DNA Replication and Recombination	CA–Banff	3–8 March
Akhilesh Reddy	Keystone Symposium: Molecular Clockworks and the Regulation of Cardio-Metabolic Function	US–Snowbird UT	3–7 April
Antoine Peters	2103 North American Testis Workshop	US–San Antonio TX	10–13 April
Cedric Blanpain	Gordon Research Conference: Epithelial Differentiation and Keratinization	IT–Lucca (Barga)	12–17 May
Helen Walden	FEBS Workshop: Nucleotide excision repair and interstrand crosslink repair – from molecules to man	SK–Smolenice	9–13 June
Bruno Reversade	17th International Congress of Developmental Biology	MX–Cancún	16–20 June
Mónica Bettencourt-Dias	EMBO Workshop: Chromosome segregation and aneuploidy	NL–Breukelen	22–26 June
Sophie Martin	EMBO Conference on Fission Yeast: Pombe 2013	GB–London	24–29 June
Marc Bühler	EMBO Conference on Fission Yeast: Pombe 2013	GB–London	24–29 June
Sebastian Jessberger	XI European Meeting on Glial Cells in Health and Disease	DE–Berlin	3–6 July
Robert Klose	FEBS Young Scientist Forum	RU–St. Petersburg	3–6 July
Daniel Wilson	Ribosomes 2013 Conference	US–Napa CA	9–12 July
Thomas Richards	14th International Congress for Protistology	CA–Vancouver	28 July–2 August
Anja Groth	23rd Wilhelm Bernhard Workshop on the Nucleus	HU–Debrecen	19–24 August
David Komander	Host-Microbes Interactions	GR–Spetses	30 August–7 September
Massimo Lopes	CSHL Meeting: Eukaryotic DNA Replication & Genome Maintenance	US–Cold Spring Harbor NY	9–13 September
Anja Groth	CSHL Meeting: Eukaryotic DNA Replication & Genome Maintenance	US–Cold Spring Harbor NY	9–13 September
Mónica Bettencourt-Dias	EMBO Workshop: <i>Drosophila</i> Cell Division Cycle	GB–Totnes	12–16 September
Eva Hoffmann	EMBO Conference: Meiosis	DE–Dresden Germany	14–19 September
David Komander	8th General Meeting of the International Proteolysis Society	ZA–Stellenbosch	20–24 October

EMBO Young Investigator Lectures 2013

Young Investigator	Conference	Location	Date
Evanthia Soutoglou	11th International Conference on Environmental Mutagens (ICEM) Symposium on 'Transcription, DNA damage and Repair'	BR – Foz do Iguassu	3 – 8 November
Cédric Blanpain	IV Epithelial-Mesenchymal Transition Meeting	ES – Alicante	13 – 16 November
Amos Tanay	Barcelona Conference on Epigenetics and Cancer	ES – Barcelona	21 – 22 November
Mónica Bettencourt-Dias	American Society for Cell Biology (ASCB) Annual Meeting	US – New Orleans	14 – 18 December

EMBO Installation Grants

www.embo.org/funding-awards/installation-grants

yip@embo.org

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

Gerlind Wallon
Programme Manager

EMBO Installation Grant Recipients 2013

Name	Nationality	Moving to	Moving from	Research interest
Edgar Gomes	Portuguese	Institute of Molecular Medicine, Lisbon, PT	Pierre and Marie Curie University, FR	Nuclear positioning
Mustafa Köksal	Turkish	Izmir Institute of Technology, TR	University of Pennsylvania, US	Biosynthetic enzymes
Raquel Oliveira	Portuguese	Gulbenkian Institute of Science, Oeiras, PT	University of Oxford, UK	Chromosome dynamics
Karel Riha	Czech	Masaryk University, Brno, CZ	Gregor Mendel Institute, Vienna, AT	Blunt-ended telomeres in plants
Özgür Şahin	Turkish	Bilkent University, Ankara, TR	MD Anderson Cancer Center, Houston, Texas, US	Systems biology
Joanna Sułkowska	Polish	Warsaw University, PL	University of California San Diego, US	Knotted proteins

EMBO Courses & Workshops

www.embo.org/funding-awards/courses-workshops

courses_workshops@embo.org

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

Anne-Marie Glynn
Programme Manager

EMBO Courses | Workshops | Conferences | Symposia 2013

	Title	Organizer	Location	Dates
Practical Courses EMBC Member States	Metabolomics bioinformatics for life scientists	V. Schneider	UK – Hinxton	25 February – 1 March
	High-throughput RNAi and data analysis	M. Boutros	DE – Heidelberg	3 – 8 March
	Postgenomic phylogenetics	D. Pisani	IT – Erice	10 – 17 March
	Advanced optical microscopy	B. Amos	UK – Plymouth	3 – 13 April
	Analysis of small non-coding RNAs: From discovery to function	V. Benes	DE – Heidelberg	6 – 12 April
	Phosphoproteomics	M.R. Larsen	DK – Odense	14 – 19 April
	Metagenomics: From the bench to data analysis	J. Dreyer	DE – Heidelberg	14 – 20 April
	Computational structural biology: From data to structure to function	R. Wilson	DE – Hamburg	15 – 19 April
	Small angle neutron and X-ray scattering from proteins in solution	F. Gabel	FR – Grenoble	6 – 10 May
	Super-resolution and single molecule microscopies in living cells	M. Nollmann	FR – Montpellier	13 – 19 May
	High-throughput protein production and crystallization	R. Owens	UK – Harwell	15 – 23 May
	Exploiting anomalous scattering in macromolecular structure determination	D. De Sanctis	FR – Grenoble	10 – 14 June
	Electron microscopy and stereology in cell biology	R. Mellwig	DE – Heidelberg	16 – 26 June
	Single-cell gene expression analysis	J. Dreyer	DE – Heidelberg	29 June – 5 July
	Developmental neurobiology: From worms to mammals	C. Houart	UK – London	30 June – 13 July

EMBO Courses | Workshops | Conferences | Symposia 2013

	Title	Organizer	Location	Dates
Practical Courses EMBC Member States (cont.)	Marine animal models in evo-devo	D. Arendt	SE – Fiskebäckskil	1–12 July
	Intravital microscopy, flow cytometry and cell sorting	A. Radbruch	DE – Berlin	7–13 July
	Multi-level modelling of morphogenesis	A.S. Maree	UK – Norwich	14–26 July
	Structure, dynamics and function of biomacromolecules by solution NMR	S. Grzesiek	CH – Basel	20–27 July
	Two-photon imaging of brain circuit function	F. Helmchen	CH – Zurich	1–7 September
	Image processing for cryo-electron microscopy	E. Orlova	UK – London	3–13 September
	Imaging of neural development in zebrafish	S. Scholpp	DE – Karlsruhe	8–15 September
	Current methods in cell biology	P. Neveu	DE – Heidelberg	26 September–4 October
	Computational biology: From genomes to cells and systems	P. Bork	TR – Nevşehir	29 September–4 October
	Modern biophysical methods for protein–ligand interactions	K. Hiltunen	FI – Oulu	21–25 October
	Analysis of high-throughput sequencing data	G. Rustici	UK – Hinxton	21–26 October
Practical Courses Non-EMBC Member States	Imaging infection and immunity	M. Mhlanga	ZA – Pretoria	20–30 March
	Bioinformatics and statistics for large-scale data	Y. Zheng	CN – Yantian District	17–22 November
Workshops EMBC Member States	Macrophages in inflammation and immunity	T. Lawrence	FR – Marseille	17–19 January
	Cycling to death	A. Villunger	AT – Obergurgl	23–27 January
	The Planctomycetes-Verrucomicrobia-Chlamydiae superphylum: Exceptions to the bacterial definition?	D. Devos	DE – Heidelberg	28 February–2 March
	Physical biology of cancer	A. Gamba	IT – Candiolo	7–10 March
	Glycoproteins: From structure to disease	J. Donoso	ES – Palma de Mallorca	24–26 April
	Liver and pancreas development, function and disease	I. Talianidis	GR – Sounion	26–30 May
	Oocyte maturation and fertilization: Lessons from canonical and emerging models	A. McDougall	FR – Banyuls-sur-mer	12–15 June
	RUNX transcription factors in development and disease	C. Stocking	DE – Wilsede	16–19 June

EMBO Courses | Workshops | Conferences | Symposia 2013

	Title	Organizer	Location	Dates
Workshops EMBC Member States (cont.)	Chromosome segregation and aneuploidy	G. Kops	NL – Breukelen	22 – 26 June
	Integrating omic approaches to host–pathogen interactions	J. Hiscox	UK – Liverpool	25 – 28 June
	The molecular life of diatoms	A. Falciatore	FR – Paris	25 – 28 June
	Morphogen gradients	J. Briscoe	UK – Oxford	26 – 29 June
	Green viruses, from gene to landscape	I. Jupin	FR – Hyères-les-Palmiers	7 – 11 September
	<i>Drosophila</i> cell division cycle	J. Wakefield	UK – Totnes	12 – 16 September
	AAA+ proteins: From mechanisms and disease to targets	H. Meyer	DE – Neuss	15 – 19 September
	Molecular mechanisms of muscle growth and wasting in health and disease	M. Ruegg	CH – Ascona	15 – 20 September
	RNA 3' ends: Mechanism and biological function in eukaryotic genomes	N.J. Proudfoot	UK – Oxford	25 – 29 September
	Mitochondria, apoptosis and cancer 2013	B. Zhivotovsky	SE – Stockholm	10 – 12 October
	Semaphorin function and mechanism of action	A. Chedotal	FR – Cernay-la-Ville	29 – 31 October
	Cell–cell fusion	B. Podbilewicz	IL – Ein Gedi	3 – 7 November
Workshops Non-EMBC Member States	AIDS-related mycoses	G. Brown	ZA – Cape Town	3 – 5 July
	Complex systems in immunology	P. Castagnoli	SG – Singapore	2 – 4 December
	Membrane shaping and remodelling by proteins	J. Hu	CN – Xi'an	16 – 19 May
Conferences and Conference Series EMBC Member States	Protein transport systems: From structure to function of translocation machines	N. Borgese	HR – Dubrovnik	13 – 17 April
	Eukaryotic RNA turnover: From structural insights to diseases	B. Séraphin	FR – Strasbourg	21 – 24 April
	Spatial 2013: From spatial signalling to sensing spatiality	B. Eickholt	IL – Ein Bokek	24 – 28 April
	Autophagy: Molecular mechanism, physiology and pathology	A. Simonsen	NO – Hurtigruten	5 – 9 May
	Chromatin and epigenetics	A. Akhtar	DE – Heidelberg	8 – 12 May
	Allosteric interactions in cell signalling and regulation	S. Edelstein	FR – Paris	14 – 17 May

EMBO Courses | Workshops | Conferences | Symposia 2013

	Title	Organizer	Location	Dates
Conferences and Conference Series EMBC Member States (cont.)	The biology of molecular chaperones: From molecules, organelles and cells to misfolding diseases	H.R. Saibil	IT – Santa Margherita di Pula	17 – 22 May
	Pombe 2013	J. Bähler	UK – London	24 – 29 June
	Euromphosphatase 2013: Protein phosphatases in health and disease	A. Elson	IL – Rehovot	7 – 12 July
	Molecular and population biology of mosquitoes and other disease vectors: From basic vector biology to disease control	G. Christophides	GR – Kolymbari	15 – 19 July
	Helicases and nucleic acid translocases: Structure, mechanism, function	M. Szczelkun	UK – Cambridge	4 – 8 August
	Nuclear receptors: Linking molecules, genomes & physiology	J. Schwabe	IT – Sorrento	6 – 10 September
	Protein synthesis and translational control	F. Gebauer	DE – Heidelberg	8 – 12 September
	Aquatic microbial ecology: SAME13	G. Corno	IT – Stresa	8 – 13 September
	Meiosis	R. Jessberger	DE – Radebeul	14 – 19 September
	Membrane dynamics in endocytosis: Systems dynamics in the endocytic pathway	M. González-Gaitán	CH – Villars-sur-Ollon	29 September – 4 October
	Ubiquitin and ubiquitin-like proteins: From structure to function	R.T. Hay	IT – Riva del Garda	1 – 5 October
	Nuclear structure and dynamics	M. Méchali	FR – L'Isle-sur-la-Sorgue	2 – 6 October
	The DNA damage response in cell physiology and disease	M. Tarsounas	GR – Cape Sounio	7 – 11 October
ESF EMBO Symposia	Comparative genomics of eukaryotic microorganisms: Complexity patterns in eukaryotic genomes	A. Querol	ES – Sant Feliu de Guixols	19 – 24 October
	Bacterial networks: BacNet13	R. Hengge	PL – Pułtusk	16 – 21 March
	Molecular bioenergetics of cyanobacteria: Shaping the environment	E. Dittmann	PL – Pułtusk	15 – 20 April
	Molecular perspectives on protein–protein interactions	M. Ubbink	PL – Pułtusk	25 – 30 May
	B cells: From bedside to bench and back again	D. Dunn-Walters	PL – Pułtusk	2 – 7 September
	Integrated insect immunology: From basic biology to environmental applications	D. Ferrandon	PL – Pułtusk	23 – 28 September

EMBO Courses | Workshops | Conferences | Symposia 2013

	Title	Organizer	Location	Dates
EMBO EMBL Symposia	New model systems for linking evolution and ecology	D. Tautz	DE – Heidelberg	1 – 4 May
	Cardiac biology: From development to regenerative medicine	N. Rosenthal	DE – Heidelberg	7 – 10 June
	Seeing is believing: Imaging the processes of life	J. Ellenberg	DE – Heidelberg	3 – 6 October
	The non-coding genome	E. Izaurralde	DE – Heidelberg	9 – 12 October
	New approaches and concepts in microbiology	P. Cossart	DE – Heidelberg	14 – 16 October
EMBO FEBS Lecture Courses	Biomembranes: Molecular architecture, dynamics and function	G. van Meer	FR – Cargèse	10 – 20 June
	Host–microbes interactions	P. Cossart	GR – Spetses	30 August – 7 September
	Protein interactions, assemblies and human disease	D. Otzen	GR – Spetses	16 – 26 September

EMBO Courses | Workshops | Conferences | Symposia 2013

	Title	Organizer	Location	Dates
Laboratory Management Courses 2013				
Laboratory Management Courses***	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	28 – 31 January
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	5 – 7 February
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	25 – 28 February
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	UK – Cambridge	5 – 7 March
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	5 – 7 March
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	11 – 14 March
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	FR – Paris	16 – 18 April
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	16 – 18 April
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	14 – 16 May
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	10 – 12 June
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	17 – 19 June
	EMBO Laboratory Management Course: Female Leaders in Science	G. Wallon	DE – Leimen (near Heidelberg)	26 – 28 June
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	UK – Cambridge	15 – 18 October
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	28 – 31 October
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	4 – 7 November
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	12 – 14 November
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE – Leimen (near Heidelberg)	18 – 21 November

EMBO Courses | Workshops | Conferences | Symposia 2013

Title	Organizer	Location	Dates
-------	-----------	----------	-------

Laboratory Management Courses 2013

	Title	Organizer	Location	Dates
Laboratory Management Courses*** (cont.)	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DK-Copenhagen	18 – 21 November
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	26 – 28 November
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	3 – 5 December

***administered by the Gesellschaft zur Förderung der Lebenswissenschaften Heidelberg GmbH

EMBO Women in Science

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

women@embo.org

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

Gerlind Wallon
Manager

Participation of women in EMBO activities: Statistics

EMBO Courses & Workshops 2009–2013

Year		% female participants	% female speakers
2009	Practical Courses	52	22
	Workshops	51	25
	Conference Series	46	28
	Lecture Courses	58	43
2010	Practical Courses	48	29
	Workshops	45	30
	Conference Series	45	29
	Lecture Courses	53	25
2011	Practical Courses	50	25
	Workshops	49	30
	Conference Series	50	29
	Lecture Courses	49	36
2012	Practical Courses	53	28
	Workshops	40	29
	Conference Series	46	30
	Lecture Courses	51	28
	Symposia	49	28
2013	Practical Courses	50	28
	Workshops	46	29
	Conference Series	44	31
	Lecture Courses	52	30
	Symposia	36	44

EMBO Membership (including Associate Members)

Year	Total number of members	% Women
2002	1126	13
2003	1162	13
2004	1191	14
2005	1223	14
2006	1271	14
2007	1305	14
2008	1357	14
2009	1416	15
2010	1479	15
2011	1530	15
2012	1586	16
2013	1639	16

Participation of women in EMBO activities: Statistics

EMBO Short-Term Fellowships

		Applications	%	Awards	%	Success rate %
2009	Female applicants	286	57	142	56	50
	Male applicants	209	43	113	44	54
	Overall	495		255		52
2010	Female applicants	230	55	126	58	55
	Male applicants	191	45	93	42	49
	Overall	421		219		52
2011	Female applicants	267	53	152	54	57
	Male applicants	239	47	129	46	54
	Overall	506		281		55
2012	Female applicants	317	54	165	53	52
	Male applicants	268	46	147	47	55
	Overall	585		312		53
2013	Female applicants	340	61	172	61	51
	Male applicants	220	39	108	39	49
	Overall	560		280		50
2009–2013	Female applicants	1440	56	757	56	53
	Male applicants	1127	44	590	44	52
	Overall	2567		1347		52

Participation of women in EMBO activities: Statistics

EMBO Long-Term Fellowships

		Applications	%	Awards	%	Success rate %
2009	Female applicants	657	49	115	45	18
	Male applicants	675	51	143	55	21
	Overall	1332		258		19
2010	Female applicants	802	48	123	45	15
	Male applicants	866	52	152	55	18
	Overall	1668		275		17
2011	Female applicants	748	46	103	38	14
	Male applicants	885	54	165	62	19
	Overall	1633		268		16
2012	Female applicants	739	48	115	47	16
	Male applicants	816	52	132	53	16
	Overall	1555		247		16
2013	Female applicants	793	48	77	42	10
	Male applicants	852	52	108	58	13
	Overall	1645		185		11
2009–2013	Female applicants	3739	48	533	43	14
	Male applicants	4094	52	700	57	17
	Overall	7833		1233		16

Participation of women in EMBO activities: Statistics

EMBO Young Investigator Programme

		Applications	%	Awards	%	Success rate %
2009	Female applicants	34	28	4	24	12
	Male applicants	89	72	13	76	15
	Overall	123		17		14
2010	Female applicants	39	28	3	14	8
	Male applicants	98	72	18	86	18
	Overall	137		21		15
2011	Female applicants	57	35	8	36	14
	Male applicants	107	65	14	64	13
	Overall	164		22		13
2012	Female applicants	57	36	8	36	14
	Male applicants	103	64	14	64	14
	Overall	160		22		14
2013	Female applicants	59	31	5	22	8.5
	Male applicants	133	69	18	78	13.5
	Overall	192		23		
2009–2013	Female applicants	246	31	28	27	11
	Male applicants	530	69	77	73	14
	Overall	776		105		13

Participation of women in EMBO activities: Statistics

EMBO Installation Grants

		Applications	%	Awards	%	Success rate %
2009	Female applicants	13	39	3	60	23
	Male applicants	20	61	2	40	10
	Overall	33		5		15
2010	Female applicants	11	32	3	43	27
	Male applicants	23	68	4	57	17
	Overall	34		7		21
2011	Female applicants	8	30	3	43	38
	Male applicants	19	70	4	57	21
	Overall	27		7		26
2012	Female applicants	11	28	1	10	9
	Male applicants	29	73	9	90	31
	Overall	40		10		25
2013	Female applicants	20	31	2	33	10
	Male applicants	45	69	4	67	9
	Overall	65		6		9
2009–2013	Female applicants	63	32	12	34	19
	Male applicants	136	68	23	66	17
	Overall	199		35		18

EMBO Gold Medal

www.embo.org/funding-awards/gold-medal

embo@embo.org

The EMBO Gold Medal is awarded annually to a young life scientist for exceptional research carried out in Europe. The prize highlights the standards being reached in life science research by some of the very best young scientists in Europe.

EMBO Gold Medalists 1986–2013

1986	John Tooze	Heidelberg, DE
1987	Barbara Pearce	Cambridge, UK
1988	Antonio Lanzavecchia	Basel, CH
1989	Hugh Pelham	Cambridge, UK
1990	Erwin Wagner	Vienna, AT
1991	Patrick Stragier	Paris, FR
1992	Carl-Henrik Heldin	Uppsala, SE
1993	Jim Smith	London, UK
1994	Paolo Sassone-Corsi	Strasbourg, FR
1995	Richard Treisman	London, UK
1996	Enrico Coen	Norwich, UK
1997	Dirk Görlich	Heidelberg, DE

1998	Adriano Aguzzi	Zurich, CH
1999	Konrad Basler	Zurich, CH
2000	Christof Niehrs	Heidelberg, DE
	Daniel St. Johnston	Cambridge, UK
2001	Matthew Freeman	Cambridge, UK
2002	Amanda Fisher	London, UK
2003	Anthony Hyman	Dresden, DE
2004	María Blasco	Madrid, ES
2005	Dario Alessi	Dundee, UK
2006	Frank Uhlmann	London, UK
2007	Jan Löwe	Cambridge, UK
2008	James Briscoe	London, UK

2009	Olivier Voinnet	Strasbourg, FR
2010	Jason W. Chin	London, UK
2011	Simon Boulton	London, UK
2012	Jiří Friml	Ghent, BE
2013	Thijn Brummelkamp	Amsterdam, NL

EMBO Keynote Lectures

www.embo.org/funding-awards/lecture-grants

courses_workshops@embo.org

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

Anne-Marie Glynn
Manager

EMBO Keynote Lectures 2013

	Name	Lecture Title	Location	Date
Keynote Lectures EMBC Member States	Richard J. Roberts	Biocuration 2013: The Conference of the International Society for Biocuration	UK – Cambridge	7 – 10 April
	Matthias Mann	Model Organisms in Molecular Biology and Biomedical Research. 40th Annual Meeting of Danish Society for Biochemistry and Molecular Biology	DK – Helsingør	17 – 19 April
	Frauke Melchior	Dealing with hypoxia: Regulatory aspects in cells, tissues and organisms	FI – Oulu	8 – 12 June
	Peter Walter	EMBO FEBS Lecture Course Biomembranes: Molecular Architecture, Dynamics and Function	FR – Cargèse	10 – 20 June
	Ueli Aebi	Society for Histochemistry & COST NANONET: Intermediate Filaments in Health & Disease	CZ – Prague	11 – 14 June
	Thomas Langer	30th International Specialized Symposium on Yeast: Cell Surface and Organelles in Yeast – From Basics to Applications	SK – Tatranska Lomnica	18 – 22 June
	Fiona Watt	Biological Surfaces and Interfaces	ES – Sant Feliu de Guixols	30 June – 5 July
	Denis Duboule	8th European Zebrafish Meeting	ES – Barcelona	9 – 13 July
	Ottoline Leyser	3rd International Conference on Plant Vascular Biology	FI – Helsinki	26 – 30 July
	Javier Paz-Ares	Plants for a Greening Economy	GR – Argolida	1 – 4 September
	Keiichi Namba	BSBC Autumn Meeting: Mechanochemical Cell Biology	UK – Windermere	2 – 4 September
	Victor de Lorenzo	14th International Conference on <i>Pseudomonas</i>	CH – Lausanne	7 – 11 September

EMBO Keynote Lectures 2013

	Name	Lecture Title	Location	Date
Keynote Lectures EMBC Member States (cont.)	Wolfgang P. Baumeister	EMBO FEBS Lecture Course: Protein interactions, assemblies and human disease	GR–Spetses	16–26 September
	Jean-Pierre Changeux	57th National Meeting of the Italian Society of Biochemistry and Molecular Biology 30th 'Antonini'	IT–Ferrara	18-20 September
	Cayetano González	Meeting of the Italian Genetics Association	IT–Cortona	25–27 September
	Robb Krumlauf	Final symposium of the Action BM-0805 of the European Cooperation in Science and Technology: HOX and TALE Transcription factors in Development and Disease	NL–Egmond aan Zee	2–4 October
	Robert Martienssen	RNP Biogenesis and Function	DE–Regensburg	10–12 October
	Jamshed R. Tata	Development, Diseases and Evolution of Endocrine Organs	FR–Ottrott	10–13 October
	Trudi Schüpbach	23rd European <i>Drosophila</i> Research Conference	ES–Barcelona	16–19 October
	Margaret Buckingham	CNIC Conference: Cardiovascular Development, Disease and Repair	ES–Madrid	8–9 November
	Austin Smith	1st Annual Conference of the German Stem Cell Network	DE–Berlin	11–13 November
	Robert A. Weinberg	VI International Epithelial-mesenchymal transition meeting	ES–Alicante	13–16 November
	Carlos López-Otín	3rd IRB Barcelona PhD Student Symposium on The Clock of Life: Cellular and Molecular Processes of Development, Ageing and Disease	ES–Barcelona	14–15 November
	Rudolf Jaenisch	Barcelona Conference on Epigenetics and Cancer	ES–Barcelona	21–22 November
	Peter Walter	2nd International Meeting of the Turkish Molecular Biology Association	TR–Istanbul	21–23 November
	Jörg Vogel	Competition in Biology: The race for survival, from molecules to systems	DE–Heidelberg	21–23 November
Keynote Lectures Non-EMBC Member States	Erez Raz	The 14th Annual Australia and New Zealand Zebrafish Meeting	NZ–Queenstown	3–6 February
	Dorothea Bartels	International conference on biotechnology in human welfare	IN–Warangal	7–9 February

EMBO Keynote Lectures 2013

	Name	Lecture Title	Location	Date
Keynote Lectures Non-EMBC Member States (cont.)	Ingrid Grummt	34th Lorne Genome Conference	AU – Lorne	17 – 19 February
	Marcos González-Gaitán	The 13th Hunter Meeting, incorporating the 6th Pre-Conference Imaging Workshop	AU – Hunter Valley	19 – 22 March
	Sebastian Amigorena	The Multi-tasking Endoplasmic Reticulum in Health and Disease	US – Warrenton	1 – 3 May
	Axel Brennicke	International Conference on Plant Mitochondrial Biology	AR – Rosario	12 – 16 May
	Elliot M. Meyerowitz	17th International Congress of Developmental Biology	MX – Cancún	16 – 20 June
	Aaron Ciechanover	Federation of European Biochemical Societies 38th Congress: Mechanisms in Biology	RU – Saint Petersburg	6 – 11 July
	Geneviève Almouzni	2013 FASEB Science Research Conference on Genetic Recombination & Genome Rearrangements	US – Steamboat Springs	21 – 26 July
	Hans C. Clevers	Wnt signalling in stem cells and cancer	US – Steamboat Springs	28 July – 2 August
	Henk G. Stunnenberg	Epigenetics Gordon Research Conference	US – Smithfield	4 – 9 August
	William F. Martin	12th International Colloquium on Endocytobiology and Symbiosis	CA – Halifax	18 – 22 August
	Santiago F. Elena	10th International Congress of Plant Pathology	CN – Beijing	25 – 30 August
	Bart De Strooper	The 8th General Meeting of the International Proteolysis Society	ZA – Stellenbosch	20 – 24 October
	Seamus J. Martin	The 8th General Meeting of the International Proteolysis Society	ZA – Stellenbosch	20 – 24 October
	Jörg Vogel	Bacterial Expressions	IN – Bangalore	22 – 25 October
	Heribert Hirt	Plant Scientific Lecture Series 2013	AR – Capital Federal	28 – 30 October
	Luca Scorrano	4th International Symposium on Dynamics of Mitochondria: from Molecular Mechanisms to Physiological Functions and Diseases	JP – Okinawa	28 October – 1 November
	Sebastian Amigorena	First Argentinean spring course in advanced immunology	AR – Los Cocos-Cordoba	4 – 9 November
	Wieland B. Huttner	16th A-IMBN Annual Conference	SG – Singapore	3 – 5 December

EMBO Global Exchange Lecture Series

	Name	Lecture Title	Location	Date
Global Exchange Lecture Series EMBC Member States	Alberto R. Kornblihtt	EMBO Global Exchange Lecture Series	DE – Heidelberg / UK – Brighton	23 – 28 October
Global Exchange Lecture Series Non-EMBC Member States	Rolf M. Zinkernagel	EMBO Global Exchange Lecture Series	TW – Taipei/Tainan	14 – 16 November
	Titia K. Sixma	EMBO Global Exchange Lecture Series	IN – Pune/Hyderabad	15 – 20 December

EMBO staff

in Heidelberg as of February 2014

Director	Maria Leptin	EMBO Director	director@embo.org
Director's Office	Eilish Craddock	Personal Secretary to EMBO Director	eilish.craddock@embo.org
EMBC and EMBO Council	Gitta Bourke	Administrator	gitta.bourke@embo.org
EMBO Membership	Laura Alvarez	Administrator	laura.alvarez@embo.org
Courses & Workshops Programme, Global Activities and Plenary Lectures courses_workshops@embo.org global_exchange@embo.org	Anne-Marie Glynn	Programme Manager	anne-marie.glynn@embo.org
	Aditya Kusuma Jati	Web & Graphic Design Assistant	aditya.kusuma.jati@embo.org
	Bronagh Carey	Administrator	bronagh.carey@embo.org
	Elena Ratcliff*	Administrator	elena.ratcliff@emb.org
	Sharon Witzke**	Administrator	
Fellowship Programme fellowships@embo.org	Andrea Hutterer	Programme Manager	andrea.hutterer@embo.org
	Liselott Maidment**	Administrator, Long-Term fellowships	
	Benardine Ngu	Administrator, Finance & Fellowships	benardine.ngu@embo.org
	Zsuzsanna O'Donoghue	Administrator, Short-Term Fellowships	zsuzsanna.odonoghue@embo.org
	Inga Strazda*	Administrator, Long-Term fellowships	inga.strazda@embo.org
Science Policy Programme policy@embo.org	Michele Garfinkel	Programme Manager	michele.garfinkel@embo.org
	Alessandra Bendiscioli	Administrator	alessandra.bendiscioli@embo.org
Young Investigator Programme, Installation Grants and Women in Science yip@embo.org	Gerlind Wallon	Programme Manager, EMBO Deputy Director	gerlind.wallon@embo.org
	Rachel Coulthard	Administrator	rachel.coulthard@embo.org
Administration & Finance	Bernhard Huber	Head, Administration & Finance	bernhard.huber@embo.org
	Martin Cairns	Conference Officer	martin.cairns@embo.org
	Seán Bourke	Administrator	sean.bourke@embo.org
	Eva Portik	Administrator	eva.portik@embo.org
	Benardine Ngu	Administrator, Finance & Fellowships	benardine.ngu@embo.org
EMBO Scientific Publications	Bernd Pulverer	Head of EMBO Scientific Publications	bernd.pulverer@embo.org
	Thomas Lemberger	Deputy Head of EMBO Scientific Publications	thomas.lemberger@embo.org
The EMBO Journal contact@embojournal.org	Bernd Pulverer	Chief Editor	bernd.pulverer@embo.org
	David del Alamo	Editor	d.delalamo@embojournal.org
	Karin Dumstrei	Senior Editor	k.dumstrei@embojournal.org
	Thomas Schwarz-Romond	Senior Editor	t.schwarz-romond@embojournal.org
	Hartmut Vodermaier	Senior Editor	h.vodermaier@embojournal.org
	Anke Sparmann**	Editor	
	Andrea Leibfried*	Editor	a.leibfried@embojournal.org

The EMBO Journal contact@embojournal.org (cont.)	Alexander Kohlmaier*	Editor	a.kohlmaier@embojournal.org
	Anne Nielsen	Editor	a.nielsen@embojournal.org
	Jana Christopher	Editorial Assistant	contact@embojournal.org
	Fiona Panayi	Editorial Assistant	contact@embojournal.org
	Meryl Schneider	Editorial Assistant	contact@embojournal.org
	Gerlinde Schuster	Editorial Assistant	contact@embojournal.org
EMBO reports emboreports@emboreports.org	Holger Breithaupt	Senior Editor	holger.breithaupt@embo.org
	Samuel Caddick	Editor	samuel.caddick@embo.org
	Alejandra Clark [◦]	Editor (maternity cover)	
	Nonia Pariente	Senior Editor	nonia.pariante@embo.org
	Barbara Pauly	Editor	barbara.pauly@embo.org
	Esther Schnapp	Editor	esther.schnapp@embo.org
	Uta Mackensen	Graphics Editor	uta.mackensen@embo.org
	Susanne Hofner-Harris	Editorial Assistant	emboreports@embo.org
EMBO Molecular Medicine editor@embomolmed.org	Celine Carret	Editor	celine.carret@embo.org
	Anneke Funk**	Editor	
	Roberto Buccione	Editor	r.buccione@embomolmed.org
	Natascha Bushati [◦]	Editor (maternity cover)	
	Gerlinde Schuster	Editorial Assistant	contact@embomolmed.org
Molecular Systems Biology msb@embo.org	Thomas Lemberger	Chief Editor	thomas.lemberger@embo.org
	Maria Polychronidou	Editor	maria.polychronidou@embo.org
	Jana Christopher	Editorial Assistant	msb@embo.org
	Nigel Brown**	Scientific Data Editor	
EMBO Public Relations & Communications	Barry Whyte	Head, Public Relations & Communications	barry.whyte@embo.org
	Uta Mackensen	Graphic Designer	uta.mackensen@embo.org
	Sandra Krah	Graphic Designer	sandra.krah@embo.org
	Katja Linssen**	Marketing Communications Officer	
	Aditya Kusuma Jati	Web & Graphic Design Assistant	aditya.kusuma.jati@embo.org
	Yvonne Kaul	Communications Officer	yvonne.kaul@embo.org
Information Support & Resources	Volker Wiersdorff	Head, Information Support & Resources	volker.wiersdorff@embo.org
	Kevin Fleming	Information Support and Database Developer	kevin.fleming@embo.org

* started at EMBO in 2013

◦ left EMBO in 2013

** left EMBO by February 2014



EMBO

Meyerhofstr. 1
69117 Heidelberg
Germany

T +49 6221 8891 0
F +49 6221 8891 200

embo@embo.org
www.embo.org



**European Molecular
Biology Conference**

Meyerhofstr. 1
69117 Heidelberg
Germany

T +49 6221 8891 0
F +49 6221 8891 202

embc@embo.org
embc.embo.org

**EMBO facts & figures 2013
reports on the implementation of
the EMBC General Programme
and other EMBO activities.**

Coordination, editing

Barry Whyte
Yvonne Kaul

**Production: Coordination,
layout, graphics, cover**

Sandra Krah

Photos

Marietta Schupp (EMBL Photolab)

Print

M+M Druck GmbH
Wieblingen, Heidelberg
Germany

CONTACT EMBO & EMBC



Maria Leptin
EMBO Director



EMBO Young Investigators
EMBO Installation Grants
EMBO Women in Science
Gerlind Wallon
Programme Manager
Deputy Director
+49 6221 8891 112



EMBO Scientific Publications
Bernd Pulverer
Head
+49 6221 8891 501



Eilish Craddock
Personal Assistant to
the EMBO Director
+49 6221 8891 102



EMBO Fellowships
Andrea Hutterer
Programme Manager
+49 6221 8891 122



EMBO Scientific Publications
Thomas Lemberger
Deputy Head
+49 6221 8891 404



Administration & Finance
Bernhard Huber
Head
+49 6221 8891 113



EMBO Courses & Workshops
EMBO Keynote Lectures
EMBO Global Exchange
Anne-Marie Glynn
Programme Manager
+49 6221 8891 104



EMBO Public Relations
& Communications
Barry Whyte
Head
+49 6221 8891 108



EMBC
EMBO Council & Committees
Gitta Bourke
Administrator
+49 6221 8891 117



EMBO Science Policy
Michele Garfinkel
Programme Manager
+49 6221 8891 552



Information Support
& Resources
Volker Wiersdorff
Head
+49 6221 8891 118

Complete list of EMBO staff in Heidelberg on pages 98–99.



45 EMBC
years