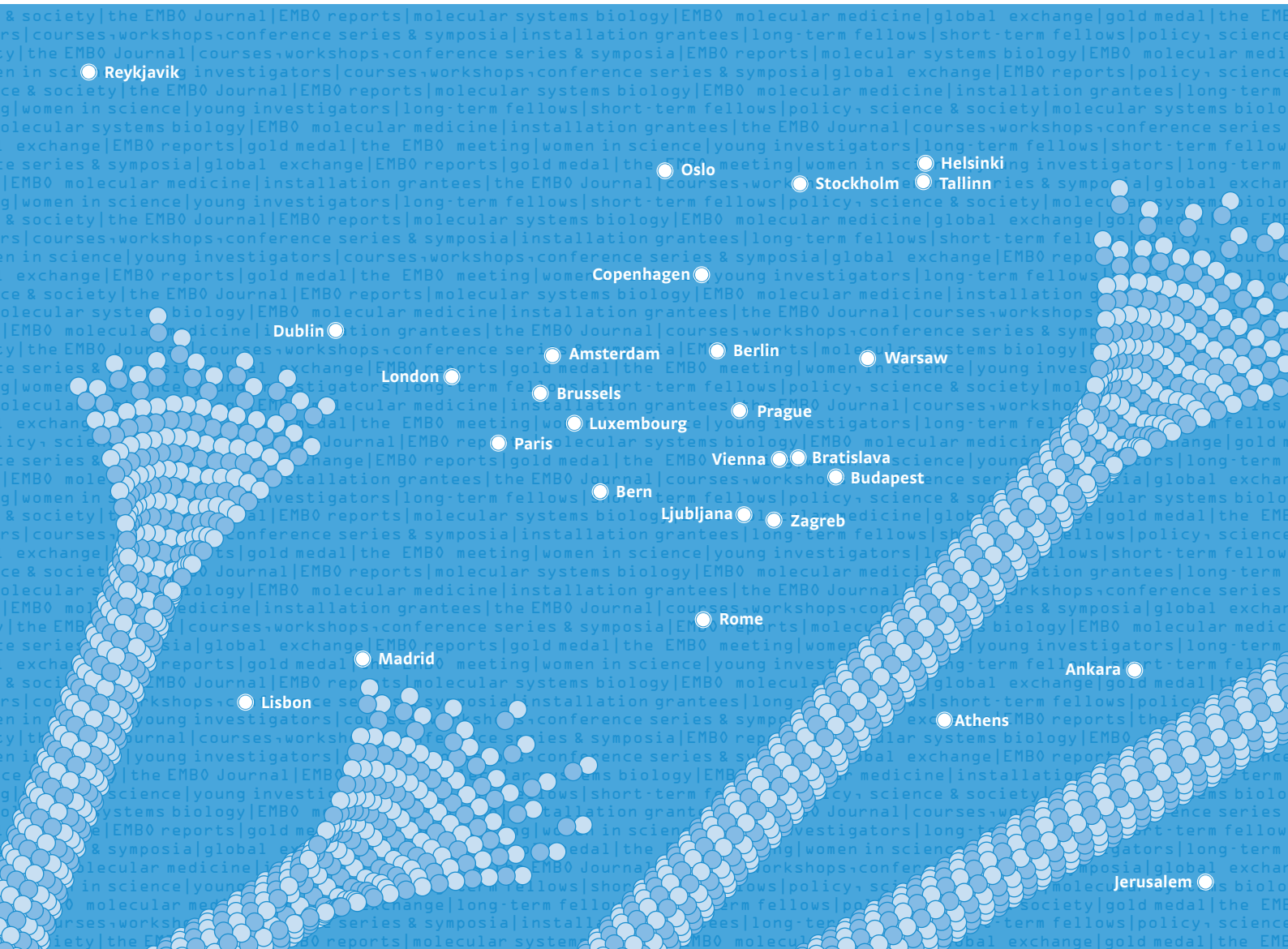
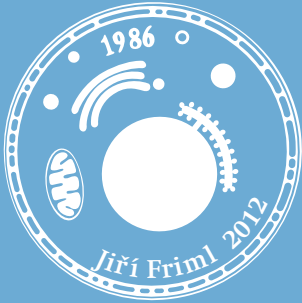


excellence in life sciences



EMBO 2012
facts & figures

HIGHLIGHTS 2012



the
EMBO
meeting
NICE
22–25 September 2012

EMBO
Molecular Medicine



OPEN ACCESS

EMBO Long-Term Fellowships	Launch of joint fellowships with the European Respiratory Society; 120 past and present fellows attend the US-Fellows' meeting at Rockefeller University, New York.
New EMBO Members & Young Investigators	EMBO elects 55 new members (page 20–23), selects 22 Young Investigators (page 82) and 10 Installation Grantees (page 88).
EMBO Science Policy	Held two invitational policy workshops on (i) transitions of journals from subscription to open access models; and (ii) biological containment for the environmental release of synthetic microorganisms (funded by the European Science Foundation).
EMBO Gold Medal	Czech plant biologist Jiří Friml awarded the 2012 EMBO Gold Medal (page 7).
EMBO Courses & Workshops	More than 9000 participants attended 83 scientific events; 200 participants attended 12 laboratory management courses.
EMBO Global Exchange	Cooperation agreement signed with the National Science Council of Taiwan. EMBO Courses were held in Argentina, India, South Africa, and Taiwan. EMBO Director met officials in China, India and Singapore.
FEBS EMBO Women in Science Award	Swiss biologist Susan M. Gasser receives 2012 FEBS EMBO Women in Science Award (page 7).
The EMBO Meeting 2012	Fourth EMBO life science conference in Nice, France, attracts 1200 attendees (page 7).
EMBO Molecular Medicine	Converted to full Open Access publication and tripled submission rate.
Molecular Systems Biology	Expansion of source data in papers. Co-organized a <i>Literature-Data Integration</i> workshop at EMBL-EBI.
The EMBO Journal	Two focus issues: <i>Three decades of Wnt signalling</i> and <i>Mitochondria in neurodegeneration</i> .
EMBO reports	Two web focus issues: <i>Science & Society Series on Sex and Science</i> and <i>Aneuploidy: the significance of chromosomal imbalance</i> .
EMBO Scientific Publications	EMBO publications encourage authors to provide direct access to experimental data files for figures published in papers. <i>Transparent Process</i> including published referee reports and Referee Cross-Commenting across all publications.

EMBO

facts & figures 2012

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 1500 today. 59 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.



EMBC

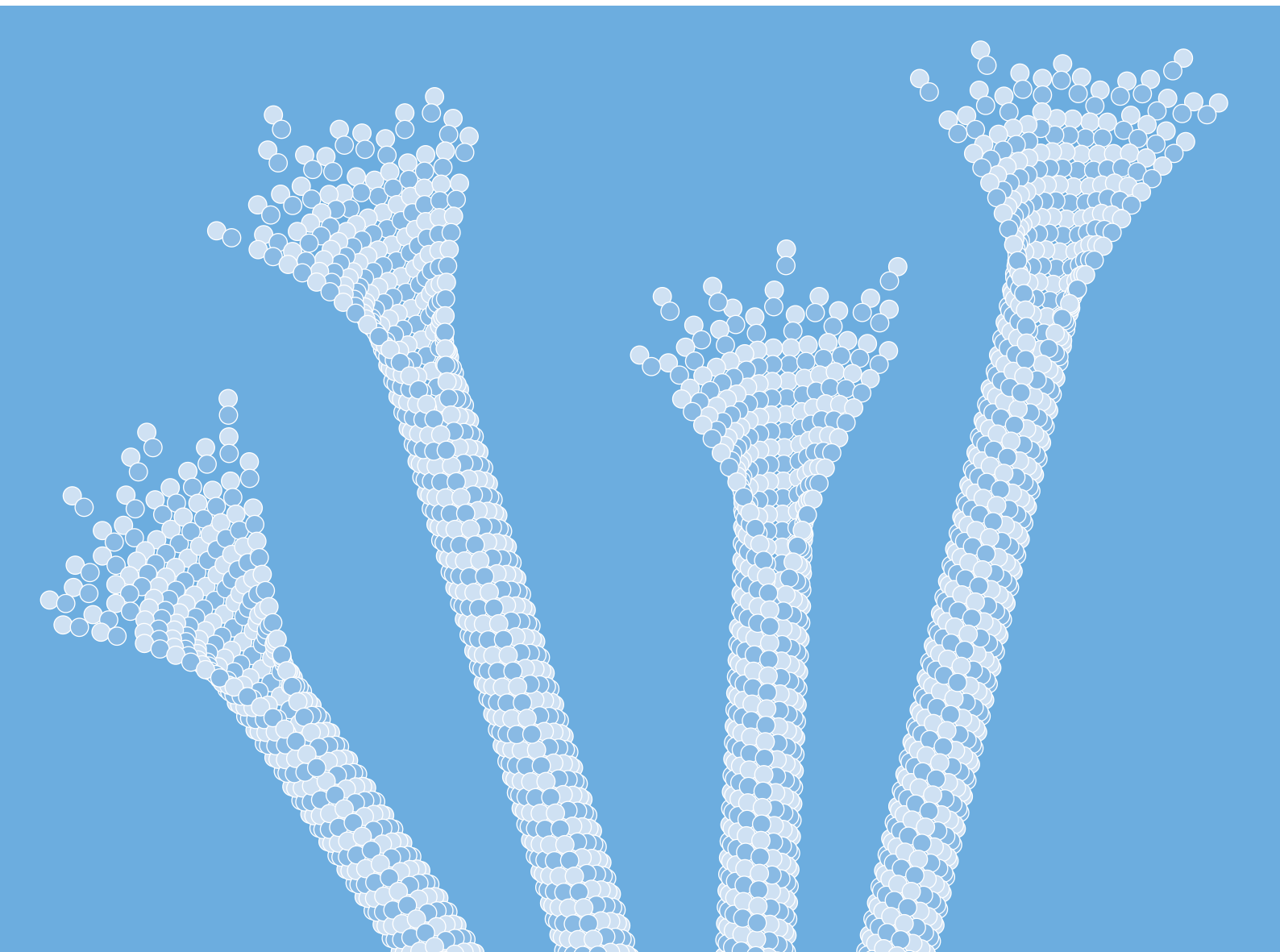


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Maria Leptin

EMBO Director

investigators who are assuming responsibility for their first research groups, and the more than 1500 leading researchers who are EMBO Members and promote excellence in the life sciences throughout Europe. We have been building and nurturing this network for almost 50 years and it is our foundation for future growth and achievement.

In 2012, fifty-five scientists were elected as members of EMBO in recognition of their outstanding contributions to research in the life sciences. Forty-eight of the researchers reside in Europe and neighboring countries and were accompanied by the election of seven Associate Members from Argentina, Australia, South Korea and the United States. The EMBO Membership now comprises almost 1550 life scientists in the international community.

Scientists become truly independent when they start their own research group and EMBO is acutely aware of the importance of this step in the career of a scientist. The EMBO Young Investigator Programme was introduced 13 years ago with the

preface

2014 is the 50th anniversary of EMBO and, as this occasion approaches, it is rewarding to reflect on the contributions that have arisen from EMBO's support of researchers in Europe and beyond. The strengths of EMBO are due in no small part to its network of scientists. As an organization, EMBO brings together researchers at all stages of their careers, including postdoctoral fellows, young in-

specific purpose of supporting some of the best young scientists in Europe as they make this important transition from postdoctoral research to group leader or principal investigator. In 2012, 22 young researchers were elected as EMBO Young Investigators. The successful candidates came from twelve countries and included the first scientist from Singapore to join the network. The new members join a community of nearly 300 current and former young investigators that encourage collaboration throughout Europe.

EMBO also encourages scientists to set up laboratories in countries that actively need to develop more robust and fundamental research capacity. EMBO Installation Grants are awarded annually for this purpose to strengthen science in selected member states. In 2012, ten life scientists received grants to assist them to relocate and set up research groups in the Czech Republic, Estonia, Poland, Portugal, and Turkey. 58 researchers have been funded by EMBO Installation Grants since the inception of the programme in 2006.

The EMBO Fellowship Programme was one of the first activities of EMBO to be established and has grown into one of EMBO's largest communities and an important means to help young scientists in Europe. EMBO Long-Term Fellowships support the future leaders of science in Europe. 247 Long-Term Fellowships were awarded in 2012. In addition, 312 Short-Term Fellowships were awarded to scientists interested in three-month visits to laboratories in Europe and elsewhere in the world. The purpose of these visits is to ensure that young scientists have access to the most recent technologies in the life sciences and to strengthen the networks of the EMBO community.

The EMBO Courses & Workshops Programme is the main organizer of high-quality focused life science meetings in

Europe and workshops that bring together researchers to discuss interdisciplinary topics. These events not only provide training but also help to build networks of researchers in the wider scientific community of Europe. 83 EMBO Courses and Workshops were held in 2012 and attracted more than 9000 participants. The events took place in 20 different countries.

In 2012, EMBO also offered Laboratory Management courses to provide training for postdoctoral researchers and group leaders. 12 courses were held in 2012 and we plan to expand these activities further in 2013. The courses are extremely popular with the scientific community and provide valuable instruction on skills that include staff selection, leadership and delegation, as well as effective problem solving and communication.

The EMBO Meeting 2012 took place in Nice, France, on September 22–25. The lineup included more than 100 leading researchers in the life sciences who participated in talks in the concurrent sessions as well as keynote speeches and special lectures. More than 1200 participants from Europe and worldwide listened to a wide selection of some of the most recent developments in life science research. The meeting included an opening lecture from Sir Paul Nurse who also started his three-year term as Secretary General of EMBO in 2013.

The EMBO Science Policy Programme continues its efforts to advance science policies that will create a world-class research environment. The goal is to establish EMBO as a focal point for policy work related to biotechnology and research integrity in Europe. The Programme, which works directly with and for EMBO Members, intends to increase further the presence and influence of EMBO in Brussels.

EMBO continues to promote Open Access for all of its publications. In March 2012, EMBO Molecular Medicine, which is published by Wiley-Blackwell, became a fully Open Access journal. EMBO Molecular Medicine is one of the highest cited journals in the biomedical sciences to have converted from a subscription-based model to Open Access. EMBO is also exploring ways to improve the utility of the published data in its journals for the scientific community by means of its SourceData project. SourceData will not only improve the usability of scientific results but also make it easier to discover them in the first place.

In November, EMBO and the European Molecular Biology Conference started a new partnership with the National Science Council of Taiwan (NSC). The agreement allows Taiwanese scientists to participate in EMBO training programmes and activities. It also means that EMBO Courses & Workshops can take place at Taiwanese research institutes. This is the first cooperation agreement of its kind between EMBO, EMBC and Taiwanese scientists, represented by NSC and Academia Sinica.

I would like to thank all of the EMBO staff who make these activities possible. The facts and figures presented here reflect their dedication and hard work.

Sincerely

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

EMBO actions 2012

The EMBO Council met in April 2012. Major decisions are listed below along with other important EMBO actions not described elsewhere in this report.

→ EMBO OFFICERS & COUNCIL 2012

Anton Berns

EMBO SECRETARY GENERAL

Ari Helenius

CHAIR

Richard Treisman

VICE-CHAIR

Geneviève Almouzni

Andrea Ballabio

Patrick Charnay

Pascale Cossart

Caroline Dean

Denis Duboule

Leszek Kaczmarek

Ferenc Nagy

Daniela Rhodes

Mart Saarma

Dimitris Thanos

Veronica van Heyningen

Detlef Weigel

→ See page 18 for a detailed list of the 2012 EMBO Council

Council and membership elections

- *Detlef Weigel* was elected Chair of EMBO Council for 2013, *Richard Treisman* was elected Vice-Chair of EMBO Council for 2013. *Sir Paul Nurse* was elected Secretary General of EMBO for the period 2013–2015.
- *Pascale Cossart* and *Detlef Weigel* were re-elected to Council by the membership for the period 2013–2015. *Roberto di Lauro*, *Anne Ephrussi* and *Paul Schulze-Lefert* were newly elected for the same period. *Leszek Kaczmarek* will replace *Andrea Ballabio* for 2013 and 2014.
- Forty-eight EMBO Members and seven EMBO Associate Members were elected in the 2012 membership election. More information is listed on pages 20–23.

Financial matters

- The EMBO Council unanimously approved the accounts for 2011 and the budget for EMBO activities for 2013. This funding comes from income generated by EMBO scientific publications and supplements the EMBC financing of the *EMBO Fellowship*, *Young Investigator*, *Courses & Workshops* and *Science Policy Programmes*. It is also used to pilot EMBO activities that are not part of the EMBC General Programme.
- Since 2009 the EMBO and EMBC accounts have been audited by KPMG (Switzerland). This is in addition to the standard auditing as done by a national audit court from an EMBC Member State (currently Norway).

Cooperation

- The EMBO Council agreed to the lists of new candidates for the EMBL Scientific Advisory Committee (SAC). The following scientists were selected as new members of the SAC 2013: *Nenad Ban*, *Aviv Regev*, *Pernille Rørth*, *Alexander van Oudenaarden*, *Venki Ramakrishnan*.
- EMBO and EMBC signed a cooperation agreement with the National Science Council of Taiwan.
- EMBO Director *Maria Leptin* travelled to China to meet with Chinese scientists in April 2012.

EMBO actions 2012

Other EMBO activities

Awards

- *Jiří Friml* of the Institute of Science and Technology Austria won the 2012 EMBO Gold Medal in recognition of his groundbreaking research on auxin transport and gradient formation in plants (see page 101).
- *Susan M. Gasser*, director of the Friedrich Miescher Institute for Biomedical Research in Basel, Switzerland, was announced winner of the 2012 FEBS | EMBO Women in Science Award.
- EMBO Members *Sir John Gurdon* (United Kingdom) and *Shinya Yamanaka* (Japan) were awarded the 2012 Nobel Prize for Medicine or Physiology for their work on reprogramming mature cells to become pluripotent.

Meetings and training

- The *EMBO Meeting* 2012 was held in Nice, France from 22 to 25 September.
- New EMBO Members elected in 2011 were welcomed to the organization during the EMBO Members Workshop held from 24 to 26 October 2012 in Heidelberg.
- The 13th EMBL | EMBO Science and Society Conference took place on 9 and 10 November 2012 at the EMBL Advanced Training Centre in Heidelberg on *Biodiversity in the Balance: Causes and Consequences*.
- EMBO and EMBL held five joint *EMBO | EMBL Symposia* in the EMBL Advanced Training Centre in 2012.
- 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) and the various programmes of the European Commission (EC).
- EMBO provided management training for postdocs and group leaders by organizing twelve Laboratory Management Courses.

→ EMBO COMMITTEE CHAIRS 2012

David Sherratt

EMBO Membership Committee

Jürgen Knoblich

EMBO Fellowship Committee

William Earnshaw

EMBO Course Committee

Noel Lowndes

EMBO Young Investigator Committee

Reinhard Jahn

EMBO Publications Advisory Board

→ See page 19 for a complete list of the 2012 committee members.

→ EMBO Council Administrator

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EMBC actions 2012

→ EMBC OFFICERS 2012

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Leszek Kaczmarek POLAND
M. Angela Nieto SPAIN
VICE-PRESIDENTS

Krešimir Pavelić CROATIA
SECRETARY GENERAL

Jeannette Ridder-Numan
NETHERLANDS
Finance Committee CHAIR

Benjamin Sanchez Gimeno SPAIN
Finance Committee VICE-CHAIR

→ STRATEGIC WORKING PARTY 2012

Ahmet Ademoğlu TURKEY

Josiane Entringer LUXEMBOURG

Jan Grapentin GERMANY

Kalervo Hiltunen FINLAND

Leszek Kaczmarek POLAND

Toivo Maimets ESTONIA CHAIR

M. Angela Nieto SPAIN

Mark Palmer UNITED KINGDOM

Krešimir Pavelić CROATIA

Jeannette Ridder-Numan
NETHERLANDS

Laure Sabatier FRANCE

Glauco Tocchini-Valentini ITALY

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

EMBC Delegates met in formal session in November 2012. The EMBC Finance Committee met in June and the EMBC Strategic Working Party met in November; the decisions and actions resulting from these meetings are listed below.

Financial matters

- EMBC accepted the accounts for 2011 and noted the reports of the external and internal auditors.
- The budget for 2013 was approved.
- A new scale of contributions for 2013 and 2014 was adopted.
- Conference appointed the Netherlands' National Audit Office (ADR) as new external auditors for the financial years 2013–2015.

EMBC decisions and actions

- EMBC heard a detailed report from EMBO on the delivery of the EMBC General Programme.
- EMBO and EMBC signed a cooperation agreement with the National Science Council of Taiwan.
- Conference unanimously approved the proposal to adjust the EMBO Long-Term Fellowship rates.

Election of Officers for 2013

- *Toivo Maimets* (Estonia) was re-elected President of EMBC for 2013. *Leszek Kaczmarek* (Poland) and *Angela Nieto* (Spain) were elected Vice-Presidents for 2013.
- *Krešimir Pavelić* (Croatia) was re-appointed Secretary General of EMBC for 2013.

EMBC actions 2012

→ EMBC MEMBER STATES

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

■ Austria

■ Belgium

■ Croatia

■ Czech Republic

■ Denmark

■ Estonia

■ Finland

■ France

■ Germany

■ Greece

■ Hungary

■ Iceland

■ Ireland

■ Israel

■ Italy

■ Luxembourg

■ Netherlands

■ Norway

■ Poland

■ Portugal

■ Slovak Republic

■ Slovenia

■ Spain

■ Sweden

■ Switzerland

■ Turkey

■ United Kingdom

→ FINANCE COMMITTEE

PERMANENT MEMBERS

France

Germany

Italy

Spain

United Kingdom

ELECTED MEMBERS

Finland

Greece

Ireland

Netherlands

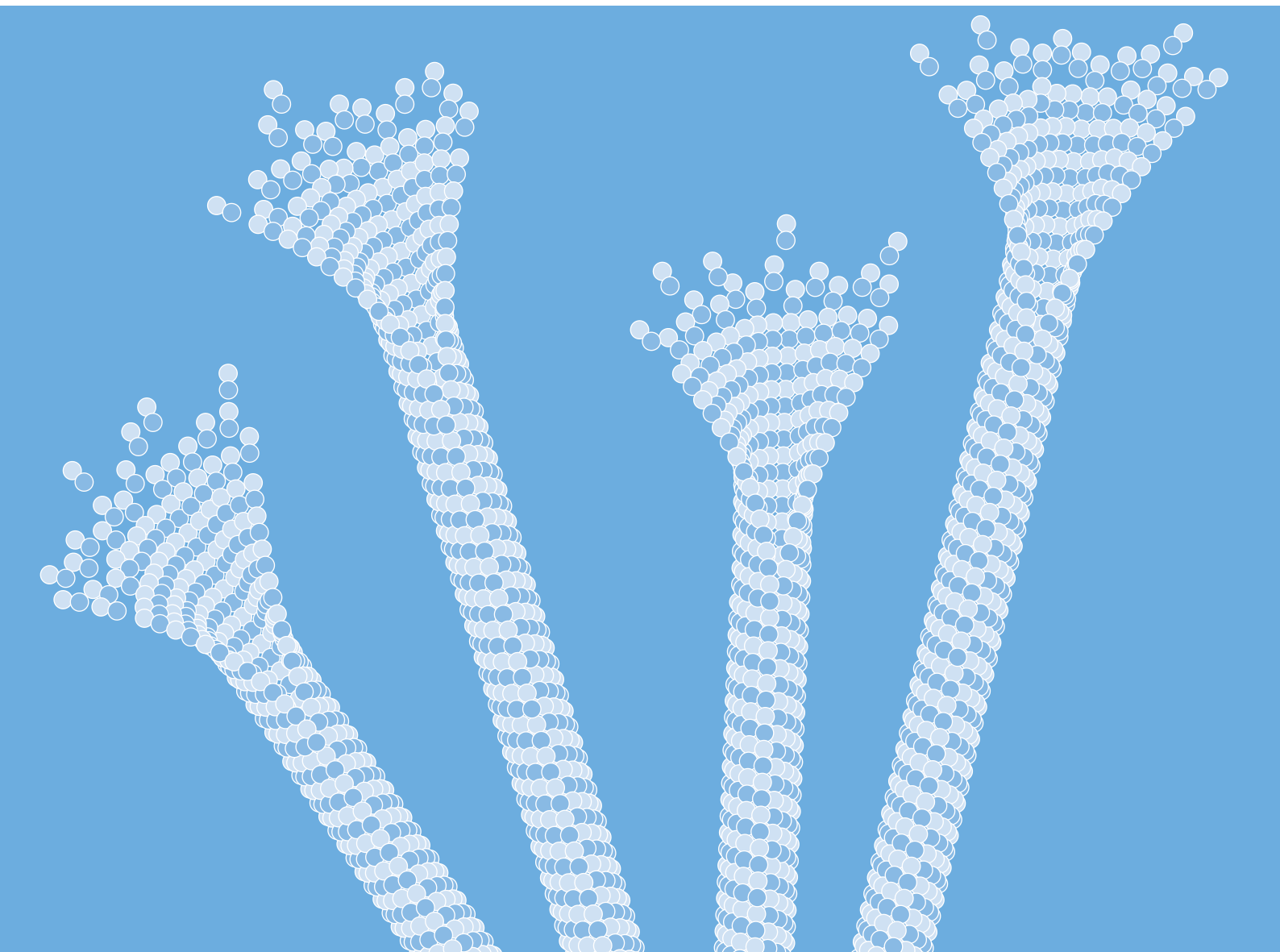
Poland

Portugal

Sweden

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

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EMBO Gold Medal	101
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EMBO staff in Heidelberg	106–107

EMBC Delegates & Advisers

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

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EMBC President

Prof. Krešimir Pavelić
EMBC Secretary General

Gitta Bourke
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Ronen Alon	Weizmann Institute of Science Rehovot, Israel	Leukocyte trafficking across vascular barriers
Rolf Apweiler	European Bioinformatics Institute Hinxton, Cambridge, United Kingdom	Standards for proteomics data
Manuela Baccarini	Max F. Perutz Laboratories, University of Vienna Austria	Deciphering the MAPK pathway <i>in vivo</i>
Shankar Balasubramanian	University of Cambridge <i>and</i> Cancer Research UK, Cambridge Institute United Kingdom	Chemical biology of the genome
Cosima T. Baldari	University of Siena Italy	T lymphocyte signalling and immune regulation
Lucia Banci	University of Florence Sesto Fiorentino, Italy	Cellular structural biology
Axel Behrens	Cancer Research UK, London Research Institute United Kingdom	Adult stem cells and cancer
Monsef Benkirane	CNRS Institute of Human Genetics Montpellier, France	HIV-1 persistence & intrinsic immunity
Ewan Birney	European Bioinformatics Institute, Hinxton, Cambridge, United Kingdom	Genomic and genetics of basic biology
Cédric Blanpain	Free University of Brussels Belgium	Stem cells in homeostasis and cancer
Jannie Borst	Netherlands Cancer Institute Amsterdam, Netherlands	Lymphocyte activation and survival
Paola Bovolenta Nicolao	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Eye development and related diseases
Jens C. Brüning	University of Cologne, Germany	Energy and glucose homeostasis
Francesco Cecconi	University 'Tor Vergata' <i>and</i> IRCCS Fondazione Santa Lucia Rome, Italy	Pathways regulating autophagy and apoptosis

Name	Institute	Research interest
Jane Clarke	University of Cambridge United Kingdom	Protein folding, misfolding and assembly
Fabrizio d'Adda di Fagnana	IFOM – European Institute of Oncology, Milan <i>and</i> Istituto di Genetica Molecolare - CNR, Pavia Italy	Cellular senescence in cancer and ageing
Ulrike Gaul	Ludwig Maximilians University Munich, Germany	Systems biology of development and function of glia
Pascal Genschik	CNRS IBMP, University of Strasbourg France	Role of ubiquitin in cellular regulation
Urs Greber	University of Zurich Switzerland	Virus infection mechanisms
William A. Harris	University of Cambridge United Kingdom	Molecular embryogenesis of the visual system
Urs Jenal	Biozentrum, University of Basel Switzerland	Small molecule signaling in bacteria
Torben Heick Jensen	Aarhus University Denmark	Quality control of eukaryotic transcriptomes
Ludger Johannes	Institut Curie Paris, France	Glycosphingolipids in trafficking and delivery
Kai Johnsson	Swiss Federal Institute of Technology Lausanne, Switzerland	Chemical probes for cellular activities
Jos M.M. Jonkers	Netherlands Cancer Institute Amsterdam, Netherlands	Mouse models of breast cancer
Stefan H.E. Kaufmann	MPI für Infektionsbiologie <i>and</i> Charité – Universitätsmedizin Berlin, Germany	Immunity to tuberculosis
Michel Labouesse	Institute of Genetics and Molecular and Cellular Biology Illkirch, France	Forces and signals in tissue morphogenesis
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Nils-Göran Larsson	Max Planck Institute for Biology of Ageing Cologne, Germany <i>and</i> Karolinska Institutet Stockholm, Sweden	Regulation of mtDNA expression in disease and ageing
Andreas Lüthi	Friedrich Miescher Institute Basel, Switzerland	Neuronal circuits in fear memory
Laura Machesky	Beatson Institute for Cancer Research Glasgow, United Kingdom	Cell migration, invasion and metastasis
William Martin	Heinrich Heine University Düsseldorf, Germany	Genome evolution from prokaryotes to eukaryotes

Name	Institute	Research interest
Paul Martin	University of Bristol <i>and</i> Cardiff University United Kingdom	Parallels between repair, development and cancer
Raúl Méndez	Institute for Research in Biomedicine <i>and</i> Institutió Catalana de Recerca i Estudis Avançats Barcelona, Spain	Gene expression regulation by RNA-binding proteins
Eric Miska	Gurdon Institute, University of Cambridge United Kingdom	Non-coding RNAs in animals
May-Britt Moser	Kavli Institute for Systems Neuroscience Trondheim, Norway	Neural basis of spatial mapping and spatial memory
Béla Novák	University of Oxford United Kingdom	Systems biology of eukaryotic cell cycle controls
Nancy Papalopulu	University of Manchester United Kingdom	Neural progenitor maintenance and heterogeneity
Chris Ponting	University of Oxford <i>and</i> Sanger Institute Cambridge, United Kingdom	Computational genomics in health and disease
Thomas Preat	Paris Tech ESPCI France	Integrated analysis of olfactory memory dynamics
Michael Sattler	Helmholtz Zentrum München, Neuherberg <i>and</i> Technical University of Munich, Garching Germany	Structure and dynamics of protein – RNA interactions
François Schweisguth	Institut Pasteur Paris, France	Control of cell fate and polarity in <i>Drosophila</i>
Luca Scorrano	Università Padova Italy	Mitochondria-shaping proteins in pathophysiology
Maria Sibilía	Medical University of Vienna Austria	EGFR signaling in health and disease
Thomas Surrey	Cancer Research UK, London Research Institute United Kingdom	Systems biochemistry of the microtubule cytoskeleton
Sarah A. Teichmann	European Bioinformatics Institute, Hinxton, Cambridge, United Kingdom	Evolution and dynamics of interaction networks
Antoine Triller	Institute of Biology of the ENS Paris, France	Biology of the synapse: from molecule to function
Sabine Werner	ETH Zurich, Switzerland	Molecular mechanisms of tissue repair processes

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Alberto R. Kornblihtt	University of Buenos Aires Argentina	Transcription and alternative splicing
Eric S. Lander	Broad Institute of MIT and Harvard Cambridge, MA, United States	Reading the information in human and other genomes
Ruth Lehmann	Skirball Institute, New York University United States	Germ line biology
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David L. Vaux	Walter and Eliza Hall Institute Parkville, Victoria, Australia	Molecular mechanisms of cell death

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EMBO Fellowships

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

Andrea Hutterer
Programme Manager

EMBO Long-Term Fellowships →→

EMBO Long-Term Fellowships: Statistics

Applications and awards 1977–2012

Year	Applications	Awards	Success rate %
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
1990	526	123	23

Year	Applications	Awards	Success rate %
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 2000–2012

Country from	Applications	% of total	Awards	% of total	Success rate %
Austria	218	1	63	2	29
Belgium	241	2	43	2	18
Croatia	80	<1	14	1	18
Czech Republic	142	1	20	1	14
Denmark	108	1	23	1	21
Estonia	20	<1	1	<1	5
Finland	162	1	28	1	17
France	2688	17	434	16	16
Germany	1716	11	460	17	27
Greece	318	2	64	2	20
Hungary	187	1	25	1	13
Iceland	17	<1	2	<1	12
Ireland	136	1	16	1	12
Israel	850	5	168	6	20
Italy	1071	7	161	6	15
Luxembourg	1	<1	1	<1	100
Netherlands	542	3	122	5	23
Norway	27	<1	4	<1	15
Poland	265	2	46	2	17
Portugal	368	2	84	3	23
Slovak Republic	27	<1	4	<1	15
Slovenia	44	<1	2	<1	5
Spain	1965	13	217	8	11
Sweden	535	3	75	3	14
Switzerland	236	2	66	2	28
Turkey	119	1	14	1	12
United Kingdom	670	4	103	4	15
Eastern Europe	329	2	37	1	11
USA/Canada	650	4	150	6	23
Others	1790	12	255	9	14
Total	15522	100	2702	100	17

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Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Heindl, Katrin	Austrian	Institute of Molecular Biotechnology, Vienna, Austria	Bartel, David	Whitehead Institute for Biomedical Research, Cambridge, United States	Assembly and activation of the RNA-induced silencing complex
Hörmanseder, Eva	Austrian	University of Konstanz, Germany	Gurdon, John B.	University of Cambridge, United Kingdom	Epigenetic memory and the stability of cell differentiation
Hotz, Manuel	Austrian	Swiss Federal Institute of Technology, Zurich, Switzerland	Nelson, W. James	Stanford University, United States	Regulation of ciliogenesis and cell cycle by canonical Wnt signaling
Rumpf-Kienzl, Cornelia	Austrian	University of Vienna, Austria	Wolthuis, Rob	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Only the chosen ones: Unique protein synthesis in mitosis
Berckmans, Barbara	Belgian	Ghent University, Belgium	Simon, Rüdiger	Heinrich Heine University, Duesseldorf, Germany	Mobile signalling molecules that regulate root stem cell homeostasis
Elegheert, Jonathan	Belgian	Ghent University, Belgium	Aricescu, Alexandru Radu	University of Oxford, United Kingdom	Molecular architecture of a prototypical trans-synaptic complex: GluD2-Cerebellin1-Neurexin1
Lienard, Marjorie	Belgian	Lund University, Sweden	Hartl, Daniel	Harvard University, Cambridge, United States	Towards uncovering the genetics of postzygotic isolation in the fruitfly: Autosomal male hybrid incompatibility factors and their role as speciation genes
Maelfait, Jonathan	Belgian	Ghent University, Belgium	Rehwinkel, Jan	University of Oxford, United Kingdom	Characterization of the functions of SAMHD1 in Aicardi-Goutières syndrome and antiviral immunity
Van Moerkercke, Alex	Belgian	University of Amsterdam, The Netherlands	Goossens, Alain	Ghent University, Belgium	Elucidation of the transcriptional network that governs terpenoid indole alkaloid biosynthesis in <i>Catharanthus roseus</i>
Blower, Timothy	British	University of Cambridge, United Kingdom	Berger, James	University of California, Berkeley, United States	Understanding quinolone discrimination between prokaryotic and eukaryotic topoisomerase II enzymes through structural and genetic studies
Brookes, Emily	British	Imperial College London, United Kingdom	Shi, Yang	Harvard Medical School, Boston, United States	Elucidating the role of histone demethylase SMCX in intellectual disability using human induced pluripotent stem cells
Clarke, Laura	British	University College London, United Kingdom	Barres, Ben	Stanford University, United States	Activity-dependent release of astrocyte signals regulating synapse formation and function
Mahen, Robert	British	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Ellenberg, Jan	European Molecular Biology Laboratory, Heidelberg, Germany	Systems microscopy analysis of centrosome maturation in living cells

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Stephenson-Jones, Marcus	British	Karolinska Institute, Stockholm, Sweden	Li, Bo	Cold Spring Harbor Laboratory, United States	Examining the role of the entopeduncular nucleus and lateral habenula circuitry in reward prediction and reinforcement learning
Homolka, David	Czech	Academy of Sciences of the Czech Republic, Prague, Czech Republic	Pillai, Ramesh	European Molecular Biology Laboratory, Grenoble, France	Pachytene piRNAs and their role in chromatin organization during spermatogenesis
Gram Hansen, Carsten	Danish	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Guan, Kun-Liang	Sanford Consortium, La Jolla, United States	Determining the upstream signal machinery regulating the Hippo pathway
Bardoel, Bart	Dutch	University Medical Center Utrecht, The Netherlands	Zychlinsky, Arturo	Max Planck Institute for Infection Biology, Berlin, Germany	Bacterial evasion of neutrophil extracellular traps
Faesen, Alex	Dutch	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Musacchio, Andrea	Max Planck Institute of Molecular Physiology, Dortmund, Germany	Molecular organization of the kinetochore – microtubule interface
Lenstra, Tineke	Dutch	University Medical Center Utrecht, The Netherlands	Larson, Daniel	National Cancer Institute, Bethesda, United States	Single cell analysis of the sense – antisense transcriptional balance
Nouws, Jessica	Dutch	Radboud University Nijmegen Medical Centre, The Netherlands	Shadel, Gerald	Yale University, New Haven, United States	Dissecting the mechanism of mitochondrial stress induced deafness
Suijkerbuijk, Saskia	Dutch	University Medical Center Utrecht, The Netherlands	Piddini, Eugenia	University of Cambridge, United Kingdom	How to win or loose: The role of cell competition in tumour growth
Van De Laar, Lianne	Dutch	Erasmus University Medical Center, Rotterdam, The Netherlands	Lambrecht, Bart	Ghent University, Belgium	The impact of asthma on dendritic cell development; analysis at the cellular and the molecular level
Roostalu, Johanna	Estonian	Heidelberg University, Germany	Surrey, Thomas	Cancer Research UK, London Research Institute, United Kingdom	<i>In vitro</i> reconstitution of spindle bipolarity
Taipaleenmäki, Hanna	Finnish	University of Massachusetts Medical School, Worcester, United States	Hesse, Eric	University Medical Center, Hamburg, Germany	Investigating the role of osteoblasts in regulating tumor cell dormancy in the bone marrow
Vatén, Anne	Finnish	University of Helsinki, Finland	Bergmann, Dominique	Stanford University, United States	Regulation of cell fate and self-renewal in dispersed stem-cell like populations in plants
Blanc, Mathieu	French	University of Edinburgh Medical School, United Kingdom	Van der Goot, Gisou	Swiss Federal Institute of Technology, Lausanne, Switzerland	Control of ER function by protein palmitoylation

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Bouvet, Mickaël	French	Joint Research Unit - Architecture and Function of Biological Macromolecules, Marseille, France	Hammerschmidt, Wolfgang	Helmholtz Center, Munich, Germany	Interference of EBV-encoded miRNAs with antiviral functions of the host immune system
Bouvier, Julien	French	Neurobiology and Development Research Unit, Gif sur Yvette, France	Kiehn, Ole	Karolinska Institute, Stockholm, Sweden	Genetic and functional identification of the glutamatergic command signals in the mammalian locomotor network
Brioude, Florian	French	École Normale Supérieure, Paris, France	Voinnet, Olivier	Swiss Federal Institute of Technology, Zurich, Switzerland	Modes of action, functions and cellular targets of <i>Arabidopsis</i> Argonaute2
Campagne, Sébastien	French	Institute of Pharmacology and Structural Biology, Toulouse, France	Allain, Frédéric	Swiss Federal Institute of Technology, Zurich, Switzerland	Molecular basis of the Crc-sRNA interaction that controls translation regulation <i>via</i> RNA mimicry in <i>Pseudomonas aeruginosa</i>
Chalmin, Fanny	French	National Institute of Health and Medical Research, Dijon, France	Pot, Caroline	University of Geneva, Switzerland	Oxysterols and IL-27-induced Type 1 regulatory T cells in murine experimental autoimmune encephalomyelitis
Chanet, Soline	French	Pasteur Institute, Paris, France	Martin, Adam	Massachusetts Institute of Technology, Cambridge, United States	Control of cell and tissue shape during gastrulation in <i>Drosophila</i>
Dubarry, Marion	French	Curie Institute, Paris, France	Lydall, David	Newcastle University, United Kingdom	Characterization of the role of DNA replication machinery in telomeric-end protection
Duveau, Fabien	French	École Normale Supérieure, Paris, France	Wittkopp, Patricia	University of Michigan, Ann Arbor, United States	Genomic profile of new regulatory mutations in <i>Saccharomyces cerevisiae</i>
Frotin, Frédéric	French	Plant Science Institute, Gif sur Yvette, France	Hartl, F. Ulrich	Max Planck Institute of Biochemistry, Martinsried, Germany	Understanding the protein disaggregation machinery of mammalian cells
Gutmann, Bernard	French	Institute of Plant Molecular Biology, Strasbourg, France	Small, Ian	The University of Western Australia, Crawley, Australia	Developing custom RNA processing tools
Hausser, Jean	French	Biozentrum, University of Basel, Switzerland	Alon, Uri	Weizmann Institute of Science, Rehovot, Israel	Shaping trade-offs in circuits controlling gene expression through diversity in the regulators
Hudry, Bruno	French	École Normale Supérieure, Lyon, France	Miguel-Aliaga, Irene	Imperial College London, United Kingdom	The roles of Doublesex (DSX) in shaping specific physiology in the <i>Drosophila</i> midgut
Jean-Léon, Maître	French	Institute of Science and Technology, Klosterneuburg, Austria	Hiiragi, Takashi	European Molecular Biology Laboratory, Heidelberg, Germany	Mechanics of compaction in the mouse pre- implantation embryo
Jolly, Sarah	French	Pierre-and-Marie-Curie University, Paris, France	Richardson, William D.	University College London, United Kingdom	Oligodendrocyte dynamics and myelin plasticity in the adult central nervous system

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Jouannet, Virginie	French	Heidelberg University, Germany	Greb, Thomas	Gregor Mendel Institute of Molecular Plant Biology, Vienna, Austria	Identification of the WOX4 downstream network essential for the regulation of lateral plant growth
Kaouane, Nadia	French	University of Bordeaux, Talence, France	Haubensak, Wulf	Institute of Molecular Pathology, Vienna, Austria	Circuit mechanisms of fear vs. reward in the limbic system
Labernadie, Anna	French	Institute of Pharmacology and Structural Biology, Toulouse, France	Trepât, Xavier	Institute of Bioengineering of Catalonia, Barcelona, Spain	Physical forces driving fibroblast-led cancer cell migration
Lepelley, Alice	French	Pasteur Institute, Paris, France	Ghosh, Sankar	Columbia University Medical Center, New York, United States	Role of mitochondrial protein ECSIT in Toll-like receptor-induced production of mitochondrial reactive oxygen species
Lescroart, Fabienne	French	Pasteur Institute, Paris, France	Blanpain, Cédric	Free University of Brussels, Belgium	Defining the clonal dynamic of the early cardiac progenitors during heart morphogenesis
Levayer, Romain	French	Developmental Biology Institute of Marseille, France	Moreno, Eduardo	University of Bern, Switzerland	Quantitative assessment of cellular behavior and decision making during cell competition
Madelaine, Romain	French	Paul Sabatier University, Toulouse, France	Mourrain, Philippe	Stanford University, United States	Sleep regulation by the melanin- concentrating hormone neuronal circuit
Mathivet, Thomas	French	Collège de France, Paris, France	Gerhardt, Holger	Cancer Research UK, London Research Institute, United Kingdom	Unraveling mechanisms in vascular patterning during tumor angiogenesis using <i>in vivo</i> imaging in mouse glioblastoma
Renier, Nicolas	French	The Vision Institute, Paris, France	Tessier-Lavigne, Marc	The Rockefeller University, New York, United States	Elucidating the role of growth factors in guiding axons through intermediate targets
Roubinet, Chantal	French	University of Toulouse, France	Cabernard, Clemens	University of Basel, Switzerland	Molecular characterization of a new spindle- independent cleavage furrow positioning mechanism, implicated in the asymmetric cell division of neuroblasts
Sinturel, Flore	French	Curie Institute, Paris, France	Schibler, Ueli	University of Geneva, Switzerland	The post-transcriptional regulation of circadian gene expression by cold-inducible RNA-binding proteins
Tran, Phong Lan Thao	French	European Institute of Chemistry and Biology, Pessac, France	Zakian, Virginia	Princeton University, United States	A combined biochemical and genetic approach to determine how the <i>Saccharomyces cerevisiae</i> Rif1 inhibits telomerase-mediated telomere lengthening
Verrier, Laure	French	Paul Sabatier University, Toulouse, France	Bayne, Elizabeth	University of Dundee, United Kingdom	Identification and characterization of negative regulators of heterochromatin in <i>Schizosaccharomyces pombe</i>
Bartelt, Alexander	German	University Medical Center Hamburg, Germany	Hotamisligil, Gökhan S.	Harvard School of Public Health, Boston, United States	Inflammatory control of brown fat function

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Bentele, Kajetan	German	Humboldt University, Berlin, Germany	Barkai, Naama	Weizmann Institute of Science, Rehovot, Israel	What drives the cell cycle in yeast <i>Saccharomyces cerevisiae</i> ? Investigation of transcription factor network and Cyclin-CDK oscillator using single-cell measurements
Berchtold, Doris	German	Max Planck Institute of Biochemistry, Martinsried, Germany	Parton, Robert G.	University of Queensland, Brisbane, Australia	Caveolae as mechanosensors: elucidating the function of cavins in mechanotransduction
Berghoff, Bork Ansgar	German	Justus Liebig University, Giessen, Germany	Wagner, Gerhart	Uppsala University, Sweden	Stochastic gene expression in bacteria: effects of regulatory RNAs on population profiles
Boell, Louis	German	Max Planck Institut for Evolutionary Biology, Ploen, Germany	Coen, Enrico	John Innes Centre, Norwich, United Kingdom	Genetic mapping of loci underlying flower colour variation in the snapdragon (<i>Antirrhinum majus</i>) and characterisation of fitness epistatic interactions between flower colour genes in a hybrid zone in the Pyrenees
Braun, Joerg	German	Max Planck Institute for Developmental Biology, Tübingen, Germany	Moore, Melissa	University of Massachusetts Medical School, Worcester, United States	Single molecule analysis of mammalian spliceosome assembly
Czeko, Elmar	German	Ludwig Maximilian University, Munich, Germany	O'Shea, Erin	Howard Hughes Medical Institute, Cambridge, United States	Global regulation of transcription and the Hog1-mediated osmotic stress response in <i>Saccharomyces cerevisiae</i>
Denker, Annette	German	European Neuroscience Institute, Göttingen, Germany	Hetzer, Martin	Salk Institute for Biological Studies, La Jolla, United States	Role of ELLPs (extremely long-lived proteins) in neurodegenerative diseases and aging
Etzrodt, Martin	German	Harvard Medical School, Boston, United States	Schroeder, Timm	Helmholtz Center, Munich, Germany	Defining hematopoietic stem cell responses during inflammation and stress
Eustermann, Sebastian	German	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Hopfner, Karl-Peter	Ludwig Maximilian University, Munich, Germany	Architecture and mechanism of the ATP- dependent chromatin remodeler Ino80
Frank, Filipp	German	McGill University, Montreal, Canada	Bustamante, Carlos	University of California, Berkeley, United States	Investigation of ribosomal dynamics using optical tweezers and smFRET
Gebert, Michael	German	Albert Ludwig University of Freiburg, Germany	Weitz, Charles J.	Harvard Medical School, Boston, United States	Circadian clock PERIOD complexes in the cytoplasm
Gross, Peter	German	University of Amsterdam, The Netherlands	Grill, Stephan	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Hand in hand towards cell polarization: How does the PAR polarity pathway regulate the mechanical activity of the actomyosin cortex in <i>C. elegans</i> ?
Habenstein, Birgit	German	Swiss Federal Institute of Technology, Zurich, Switzerland	Lange, Adam	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Structure elucidation of Tau in paired helical filaments by solid-state NMR spectroscopy

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Hammerschmidt, Swantje	German	Institute of Immunology, Hannover Medical School, Germany	Lambrecht, Bart	Ghent University, Belgium	Structural and functional analysis of lymphatic vessel hyperplasia in bronchial asthma
Hegazy, Ahmed N.	German	Charité - Universitätsmedizin, Berlin, Germany	Powrie, Fiona	University of Oxford, United Kingdom	Regulation of pathogenic CD4 T cell responses in inflammatory bowel disease
Knopf, Franziska	German	Dresden University of Technology, Germany	Horwood, Nicole	University of Oxford, United Kingdom	Bone lining cell dedifferentiation: A potential new method for bone regeneration
Koch, Frederic	German	Marseille Luminy Immunology Centre, Marseille, France	Herrmann, Bernhard G.	Max Planck Institute for Molecular Genetics, Berlin, Germany	Definition and functional characterization of gene regulatory networks underlying cell lineage decisions and commitment during axis elongation in mouse embryos
Kohler, Rebecca	German	Swiss Federal Institute of Technology, Zurich, Switzerland	Cramer, Patrick	Ludwig Maximilian University, Munich, Germany	A double life between mRNA synthesis and decay: Structural and functional analysis of RNA polymerase II in complex with Ccr4-Not
Kowalinski, Eva	German	European Molecular Biology Laboratory, Grenoble, France	Conti, Elena	Max Planck Institute of Biochemistry, Martinsried, Germany	Structural and functional studies on how the Ski complex activates the exosome to degrade RNA
Lehmann, Elisabeth	German	Ludwig Maximilian University, Munich, Germany	Allain, Frédéric	Swiss Federal Institute of Technology, Zurich, Switzerland	Molecular basis of splicing repression by the RNA binding protein hnRNP A1
Mayer, Andreas	German	Ludwig Maximilian University, Munich, Germany	Churchman, L. Stirling	Harvard Medical School, Boston, United States	The role of RNA polymerase II CTD phosphorylation determined by nascent transcript sequencing
Mayer, Christian	German	University Hospital Eppendorf, Hamburg, Germany	Fishell, Gordon	New York University, United States	The role of GABAergic pioneer neurons in the developing neocortex
Mick, David	German	University of Göttingen, Germany	Nachury, Maxence	Stanford University, United States	Selective membrane protein trafficking across the periciliary diffusion barrier
Mössinger, Christine	German	University of Bonn, Germany	Eriksson, Ulf	Karolinska Institute, Stockholm, Sweden	Understanding the regulation of nutrient uptake of peripheral organs from the blood circulation by VEGF-B signaling
Münch, Christian	German	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Harper, Wade	Harvard Medical School, Boston, United States	Signaling dynamics of the human ATG8 network
Mutschler, Hannes	German	Max Planck Institute for Medical Research, Heidelberg, Germany	Holliger, Philipp	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	A synthetic biology approach to function and evolution of ribonucleoproteins (RNPs)

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Niessing, Jörn	German	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Bonhoeffer, Tobias	Max Planck Institute of Neurobiology, Martinsried, Germany	The neural basis of observational learning
Nützmann, Hans-Wilhelm	German	Leibniz Institute for Age Research, Jena, Germany	Osborn, Anne	John Innes Centre, Norwich, United Kingdom	Chromatin regulation processes involved in the expression of plant secondary metabolite gene clusters
Oesterlin, Lena Katharina	German	Max Planck Institute of Molecular Physiology, Dortmund, Germany	Goud, Bruno	Curie Institute, Paris, France	Reconstitution of myosin IIA-driven membrane fission <i>in vitro</i>
Pesavento, Christina	German	Free University of Berlin, Germany	Typas, Athanasios	European Molecular Biology Laboratory, Heidelberg, Germany	Analyzing gene function in the model pathogen <i>Salmonella enterica</i> serovar <i>Typhimurium</i> through genetic interaction studies and cross-species comparison
Quade, Nick	German	Helmholtz Center, Munich, Germany	Ban, Nenad	Swiss Federal Institute of Technology, Zurich, Switzerland	Structural investigation of ribosome binding and activation by internal ribosome entry site (IRES) sequences
Richter, Constance	German	Institute of Molecular Biotechnology, Vienna, Austria	Schier, Alexander	Harvard University, Cambridge, United States	Role of neuropeptides during sleep regulation in zebrafish
Scheckel, Claudia	German	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Darnell, Robert	The Rockefeller University, New York, United States	Studying RNA dysregulation in Parkinson's disease
Schiffels, Stephan	German	University of Cologne, Germany	Durbin, Richard	Wellcome Trust Sanger Institute, Hinxton, United Kingdom	Inferring the demographic and evolutionary history of present and ancient human populations
Schmidt, Oliver	German	Albert Ludwig University of Freiburg, Germany	Teis, David	Innsbruck Medical University, Austria	Identification and characterization of an endosomal 'membrane stress response' pathway
Schmitges, Frank	German	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Hughes, Timothy	University of Toronto, Canada	Transcription factor interaction networks and transcriptional regulation
Schoebel, Stefan	German	Max Planck Institute of Molecular Physiology, Dortmund, Germany	Rapoport, Tom A.	Harvard Medical School, Boston, United States	Structural and functional analysis of the ERAD-L machinery
Schwefel, David	German	Max Delbrück Center for Molecular Medicine, Berlin, Germany	Taylor, Ian	Medical Research Council National Institute for Medical Research, London, United Kingdom	Molecular mechanism of SAMHD1-mediated HIV-1 restriction

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Spira, Felix	German	Max Planck Institute of Biochemistry, Martinsried, Germany	Gerlich, Daniel	Institute of Molecular Biotechnology, Vienna, Austria	Spatio-temporal analysis of cytokinetic bridge formation, compartmentalization and maintenance
Sturm, Alexander	German	Swiss Federal Institute of Technology, Zurich, Switzerland	Dworkin, Jonathan	Columbia University, New York, United States	Phenotypic variability and the transition from dormancy to growth in bacteria
Tritschler, Felix	German	Swiss Federal Institute of Technology, Zurich, Switzerland	Ha, Taekjip	Howard Hughes Medical Institute, Urbana, United States	Mechanistic single-molecule analyses of DEAD-box proteins
Tschowri, Natalia	German	Free University of Berlin, Germany	Buttner, Mark	John Innes Centre, Norwich, United Kingdom	Identification and molecular characterization of putative c-di-GMP effector proteins in <i>S. coelicolor</i> and <i>S. venezuelae</i>
Weber, Franz	German	Max Planck Institute of Neurobiology, Martinsried, Germany	Dan, Yang	University of California, Berkeley, United States	Interaction of the cholinergic and dopaminergic systems in the top-down control of sensory processing
Willige, Björn	German	Technical University of Munich, Freising-Weihenstephan, Germany	Chory, Joanne	Salk Institute for Biological Studies, La Jolla, United States	Investigation of canopy shade and phytochrome regulated flowering in <i>Arabidopsis thaliana</i>
Winzi, Maria	German	Hagedorn Research Institute, Gentofte, Denmark	Buchholz, Frank	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Systematic dissection of embryonic stem cell germ layer differentiation
Wlotzka, Wiebke	German	Harvard Medical School, Boston, United States	Ameres, Stefan	Institute of Molecular Biotechnology, Vienna, Austria	Mechanistic analyses of target RNA-directed small RNA turnover in <i>Drosophila melanogaster</i>
Wurzenberger, Claudia	German	Swiss Federal Institute of Technology, Zurich, Switzerland	Pines, Jonathon	University of Cambridge, United Kingdom	Deciphering the dynamics and molecular mechanisms of APC/C activity <i>in vitro</i> and in live cells
Zielonka, Elisabeth	German	University of Strasbourg, France	Hentze, Matthias W.	European Molecular Biology Laboratory, Heidelberg, Germany	The impact of genotoxic stress on the mRNA-interactome and RNA-regulons
Gouridis, Georgios	Greek	Institute of Molecular Biology and Biotechnology, Heraklion, Greece	Cordes, Thorben	University of Groningen, The Netherlands	Translocation at the single molecule level: The ABC transporter OpuA
Kontarakis, Zacharias	Greek	Institute of Molecular Biology and Biotechnology, Heraklion, Greece	Stainier, Didier	Max Planck Institute for Heart and Lung Research, Bad Nauheim, Germany	The role of miRNAs during adult heart regeneration in zebrafish

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Kourtis, Nikos	Greek	Institute of Molecular Biology and Biotechnology, Heraklion, Greece	Aifantis, Iannis	New York University, United States	Non-coding RNAs in acute lymphoblastic leukemia
Mastrogiannaki, Maria	Greek	Cochin Institute, Paris, France	Watt, Fiona	King's College London, United Kingdom	Mechanisms underlying the regulation of skin adipogenesis by beta-catenin and implications for epidermal stem cell regulation in normal homeostasis and wound healing
Sagona, Antonia	Greek	The Norwegian Radium Hospital, Oslo, Norway	Mishima, Masanori	University of Warwick, Coventry, United Kingdom	The role of the serine/threonine kinase MELK/PIG-1 in the mechanical robustness of the central spindle
Artzy-Schnirman, Arbel	Israeli	Technion - Israel Institute of Technology, Haifa, Israel	Stevens, Molly	Imperial College London, United Kingdom	Functionalized nanoparticles for the manipulation of auto-reactive T-cells associated with type 1 diabetes
Avin-Wittenberg, Tamar	Israeli	Weizmann Institute of Science, Rehovot, Israel	Fernie, Alisdair	Max Planck Institute of Molecular Physiology, Golm, Germany	Investigating the role of autophagy in <i>Arabidopsis</i> metabolism
Bar-Nur, Ori	Israeli	Hebrew University of Jerusalem, Israel	Hochedlinger, Konrad	Harvard Stem Cell Institute, Boston, United States	Molecular analysis of direct <i>in vitro</i> and <i>in vivo</i> lineage reprogramming of somatic cells to neurons
Ben-Yair, Raz	Israeli	Hebrew University of Jerusalem, Israel	Burns, Caroline	Massachusetts General Hospital, Charlestown, United States	Genetic determinants of second heart field development in zebrafish
Benjamini-Ettdedgui, Jessica	Israeli	Weizmann Institute of Science, Rehovot, Israel	Kasianowicz, John	National Institute of Standards and Technology, Gaithersburg, United States	Chemically modified graphene nanopores for DNA sequencing
Dominissini, Dan	Israeli	Tel Aviv University, Israel	He, Chuan	University of Chicago, United States	Cracking the code of N6-methyladenosine and its derivatives in RNA metabolism
Elbaz, Johann	Israeli	Hebrew University of Jerusalem, Israel	Voigt, Christopher A.	Massachusetts Institute of Technology, Cambridge, United States	Programming cells using DNA nanotechnology and synthetic biology principles
Fraiman, Ronit	Israeli	Hebrew University of Jerusalem, Israel	Stupp, Samuel	Northwestern University, Chicago, United States	Peptide nucleic acid/peptide amphiphile conjugates as a versatile scaffold for diagnosis and targeted therapy
Gerson Gurwitz, Adina	Israeli	Ben-Gurion University of the Negev, Beer-Sheva, Israel	Desai, Arshad	University of California San Diego, La Jolla, United States	Mechanism of centromere specification
Gidon, Albert	Israeli	Hebrew University of Jerusalem, Israel	Larkum, Matthew	Neuroscience Research Center, Charité - Universitätsmedizin Berlin, Germany	Synergistic inhibition and its role in shaping the output of neocortical neurons

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Kanarek, Naama	Israeli	Hebrew University of Jerusalem, Israel	Sabatini, David	Whitehead Institute for Biomedical Research, Cambridge, United States	<i>In vivo</i> model of cell competition between neighboring hepatocytes with different levels of mTORC1 activity
Kaplan Dor, Yosef	Israeli	Weizmann Institute of Science, Rehovot, Israel	Pellman, David	Dana-Farber Cancer Institute, Boston, United States	A kinase required for the survival of chromosomally unstable cancer cells with chromosome bridges
Klipcan, Liron	Israeli	The Scripps Research Institute, San Diego, United States	Sazanov, Leonid	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Insight into structural and biomedical aspects of bacterial complex I
Kravchenko- Balasha, Nataly	Israeli	Hebrew University of Jerusalem, Israel	Heath, James	California Institute of Technology, Pasadena, United States	Predicting therapeutic response and resistance of glioblastoma multiforme cancers from thermodynamic-derived principles through a combined experimental and theoretical study
Lasker, Keren	Israeli	Tel Aviv University, Israel	Shapiro, Lucy	Stanford University, United States	Decoding the <i>Caulobacter</i> asymmetric differentiation program by an optogenetics approach
Laviv, Tal	Israeli	Tel Aviv University, Israel	Yasuda, Ryohei	Max Planck Florida Institute for Neuroscience, Jupiter, United States	Direct rapid structural dynamics of dendritic spines by sensory experience <i>in vivo</i>
Livneh, Uri	Israeli	Weizmann Institute of Science, Rehovot, Israel	Zador, Anthony	Cold Spring Harbor Laboratory, United States	Revealing the neural mechanisms underlying selective auditory attention
Oren, Meital	Israeli	Technion - Israel Institute of Technology, Haifa, Israel	Hobert, Oliver	Howard Hughes Medical Institute, New York, United States	Elucidating the molecular mechanisms of behavioral sexual dimorphism
Raveh-Sadka, Tali	Israeli	Weizmann Institute of Science, Rehovot, Israel	Banfield, Jillian	University of California, Berkeley, United States	Exploring feedback relations between the activity of gut microbiota and the host immune response in preterm infants using proteogenomic data
Segev Ben-Yair, Einat	Israeli	Hebrew University of Jerusalem, Israel	Kolter, Roberto	Harvard Medical School, Boston, United States	Bacterial – algal interaction: Friend or foe?
Shema Tirosh, Reut	Israeli	Weizmann Institute of Science, Rehovot, Israel	Heiman, Myriam	Harvard University, Cambridge, United States	Unraveling mechanisms for specific neuronal vulnerability in aging and Huntington's disease
Shema, Efrat	Israeli	Weizmann Institute of Science, Rehovot, Israel	Bernstein, Bradley	Harvard Medical School, Boston, United States	Single-nucleosome analysis of combinatorial histone modifications in cellular differentiation and cancer
Vilmovsky, Liora	Israeli	Weizmann Institute of Science, Rehovot, Israel	Teichmann, Sarah A.	European Molecular Biology Laboratory - European Bioinformatics Institute, Hinxton, United Kingdom	Global profiling of single cell expression dynamics in the mouse immune system

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Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Wurtzel, Omri	Israeli	Weizmann Institute of Science, Rehovot, Israel	Reddien, Peter	Whitehead Institute for Biomedical Research, Cambridge, United States	Unbiased reconstruction of the planarian tissue-regeneration transcriptional network using massive RNAi library
Aceto, Nicola	Italian	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Haber, Daniel	Harvard Medical School, Boston, United States	Discovery of the relevant genetic alterations of the metastatic-precursor population within circulating tumor cells in human cancer patients
Anselmi, Francesca	Italian	Paris Descartes University, France	Albeanu, Dinu Florin	Cold Spring Harbor Laboratory, United States	Dissecting spatial-temporal integration rules in the olfactory cortex using patterned photo-stimulation
Cesana, Marcella	Italian	Sapienza University of Rome, Italy	Daley, George	Harvard Medical School, Boston, United States	Role of long intergenic noncoding RNAs in pluripotency and reprogramming
Ciandrini, Luca	Italian	University of Aberdeen, United Kingdom	Parmeggiani, Andrea	University of Montpellier, France	Stochasticity in motor-protein intracellular transport and cytoskeleton remodelling: A systems biophysics approach
Cupido, Tommaso	Italian	Institute for Research in Biomedicine, Barcelona, Spain	Kapoor, Tarun	The Rockefeller University, New York, United States	Developing chemical probes to examine the function and druggability of AAA+ ATPases
Fiume, Elisa	Italian	University of California, Berkeley, United States	Lepiniec, Loïc	Jean-Pierre Bourgin Institute, Versailles, France	A genomic approach to study plant cell totipotency using <i>Arabidopsis</i> somatic embryogenesis as a system
Fornasiero, Eugenio	Italian	San Raffaele Research Institute, Milan, Italy	Rizzoli, Silvio	European Neuroscience Institute, Göttingen, Germany	Maintaining synaptic function over time: The spatial and temporal dynamics of presynaptic vesicle turnover
Gagliani, Nicola	Italian	San Raffaele Research Institute, Milan, Italy	Flavell, Richard A.	Yale University, New Haven, United States	'Love your fate' – Tracking the origin and the fate of T helper cells to understand their biology
Gentilella, Antonio	Italian	University of Pennsylvania, Philadelphia, United States	Thomas, George	Bellvitge Biomedical Research Institute, Hospitalet de Llobregat, Spain	Identification of signaling components and downstream effectors involved in the translational upregulation of RPL5 and RPL11
Locatelli, Giuseppe	Italian	University of Zurich, Switzerland	Kerschensteiner, Martin	Ludwig Maximilian University, Munich, Germany	<i>In vivo</i> imaging of reactive species-mediated damage to oligodendrocytes and its impact on axonal degeneration
Maroso, Mattia	Italian	Mario Negri Institute for Pharmacological Research, Milano, Italy	Soltesz, Ivan	University of California, Irvine, United States	Analysis of persistent alterations in the tonic inhibition of GABA release by endocannabinoids in mice with chronic post-traumatic epilepsy
Migliori, Valentina	Italian	Institute of Molecular and Cell Biology, Singapore	Kouzarides, Tony	University of Cambridge, United Kingdom	Regulation of pluripotent chromatin state by citrullination
Moretti, Francesca	Italian	European Molecular Biology Laboratory, Heidelberg, Germany	Pertz, Olivier	University of Basel, Switzerland	Regulation of neuronal outgrowth by retrograde signaling of neurite-translated nuclear factors

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Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Paolicelli, Rosa Chiara	Italian	European Molecular Biology Laboratory, Monterotondo, Italy	Rajendran, Lawrence	University of Zurich, Switzerland	Roles of microglial and neuronal Presenilin-2 in Alzheimer's disease
Perino, Alessia	Italian	University of Turin, Italy	Schoonjans, Kristina	Swiss Federal Institute of Technology, Lausanne, Switzerland	Functional crosstalk between the bile acids receptor TGR5 and lipid-responsive GPCRs in boosting the release of the insulinotropic incretin GLP-1
Poernbacher, Ingrid	Italian	Swiss Federal Institute of Technology, Zurich, Switzerland	Vincent, Jean-Paul	Medical Research Council National Institute for Medical Research, London, United Kingdom	Molecular links between loss of cell adhesion and apoptosis in epithelia
Remorino, Amanda	Italian	University of Pennsylvania, Philadelphia, United States	Dahan, Maxime	Curie Institute, Paris, France	Unraveling the spatio-temporal organization of the RhoGTPases signaling pathway using optogenetics, single molecule imaging and micropatterning.
Sacco, Francesca	Italian	University of Rome Tor Vergata, Italy	Mann, Matthias	Max Planck Institute of Biochemistry, Martinsried, Germany	Combining high content targeted phosphoproteomics and logic modeling to elucidate complex cell phenotypes
Tognini, Paola	Italian	Institute of Neuroscience, Pisa, Italy	Sassone-Corsi, Paolo	University of California, Irvine, United States	Comparative analysis of the circadian acetylome in brain and liver
Antoncjak, Alicja	Polish	Cardiff University, United Kingdom	Morrison, Ciaran	National University of Ireland, Galway, Ireland	Does the structure of the pericentriolar material control checkpoint responses to DNA damage?
Cukier, Cyprian	Polish	Karolinska Institute, Stockholm, Sweden	Gervais, Virginie	Institute of Pharmacology and Structural Biology, Toulouse, France	Deciphering structural and biophysical basis of Thanatos-associated protein 11 function
Gwizdala, Michal	Polish	Photosynthesis and Molecular Bioenergetics Laboratory, Gif sur Yvette, France	Van Grondelle, Rienk	University of Amsterdam, The Netherlands	The orange carotenoid protein and the fluorescence recovery protein mediated photoprotection at the level of a single phycobilisome – single molecule studies
Janiszewska, Michalina	Polish	University of Lausanne, Switzerland	Polyak, Kornelia	Dana-Farber Cancer Institute, Boston, United States	Clinical and functional relevance of intra- tumor heterogeneity in breast cancer
Kowalczyk, Monika Sylwia	Polish	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Regev, Aviv	The Broad Institute, Cambridge, United States	Deciphering the chromatin regulatory circuit of human hematopoiesis to understand and treat leukemia
Manko, Mirosława	Polish	University of Oxford, United Kingdom	Stoop, Ron	Psychiatric Hospital of Cery, Centre for Psychiatric Neurosciences, Prilly, Switzerland	Role of oxytocin in cell assemblies' formation in central amygdala during fear associated learning

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Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Opalinski, Lukasz	Polish	University of Groningen, The Netherlands	Pfanner, Nikolaus	Albert Ludwig University of Freiburg, Germany	Mitochondrial protein biogenesis: Transport of multi-spanning membrane proteins to mitochondria
Sarek, Grzegorz	Polish	University of Helsinki, Finland	Boulton, Simon	Cancer Research UK, London Research Institute, United Kingdom	Regulation of RTEL1 helicase activity in recombination and repair
Sledz, Pawel	Polish	University of Cambridge, United Kingdom	Baumeister, Wolfgang P.	Max Planck Institute of Biochemistry, Martinsried, Germany	Dynamics of 26S proteasome during substrate recognition and processing
Atilano, Magda	Portuguese	Institute of Chemical and Biological Technology, Oeiras, Portugal	Ligoxygakis, Petros	University of Oxford, United Kingdom	microRNAs role in the <i>Drosophila</i> innate immune response
Banito, Ana	Portuguese	Imperial College London, United Kingdom	Lowe, Scott	Memorial Sloan Kettering Cancer Center, New York, United States	The role of the senescence-associated secretory phenotype in the tumor microenvironment
Borges, Vanessa	Portuguese	Cancer Research UK, London Research Institute, United Kingdom	Godinho Ferreira, Miguel	The Gulbenkian Institute, Oeiras, Portugal	Identification of the molecular nature of telomere checkpoint inhibition
Cunha Ferreira, Ana Inês	Portuguese	The Gulbenkian Institute, Oeiras, Portugal	Hoogenraad, Casper	Utrecht University, The Netherlands	The role of centrosome inactivation in neuronal polarization and differentiation
Mesquita, Francisco	Portuguese	Imperial College London, United Kingdom	Cabanes, Didier	Institute for Molecular and Cellular Biology, Porto, Portugal	Characterisation of the Gp96-Myosin IIA interaction: Unravelling its molecular details in response to <i>Listeria monocytogenes</i> infection
Nascimento, Elisabete	Portuguese	University of Cambridge, United Kingdom	Derynck, Rik	Eli and Edythe Broad Center of Regeneration Medicine and Stem Cell Research, San Francisco, United States	Smad3/4-mediated epigenetic crosstalk with SMYD3
Neto Da Silva, Ricardo	Portuguese	Champalimaud Centre for the Unknown, Lisbon, Portugal	Wilson, Stephen W.	University College London, United Kingdom	Habenular circuitry and the molecular and cellular basis for nicotine addiction in zebrafish
Neves Bento, Gilberto	Portuguese	Harvard University, Cambridge, United States	Ebert, Dieter	University of Basel, Switzerland	Host-pathogen coevolution: A genomic and molecular approach with the <i>Daphnia</i> – <i>Pasteuria</i> system
Perdigoto, Carolina	Portuguese	Curie Institute, Paris, France	Suh, Greg	Skirball Institute, New York, United States	Characterization of a putative internal sugar sensor in <i>Drosophila</i>
Ribeiro, Ana	Portuguese	Medical Research Council National Institute for Medical Research, London, United Kingdom	Saúde, Leonor	University of Lisbon, Portugal	Spinal cord regeneration in adult zebrafish

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Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Silva, Mariana	Portuguese	The Gulbenkian Institute, Oeiras, Portugal	Peters, Jan-Michael	Institute of Molecular Pathology, Vienna, Austria	Elucidating how chromosome cohesion is regulated and established during mammalian meiosis
Tavares, Ligia	Portuguese	University of Oxford, United Kingdom	Relvas, Joao	Institute for Molecular and Cell Biology, Porto, Portugal	RhoGTPase signalling as a key regulator of glial cell function in the developing <i>Drosophila</i> eye
Huranova, Martina	Slovak	Academy of Sciences of the Czech Republic, Prague, Czech Republic	Spang, Anne	Biozentrum, University of Basel, Switzerland	Analysis of formation and traffic of exomer transport complexes <i>in vivo</i>
Castro, Antonio	Spanish	University of Salamanca, Spain	Chavrier, Philippe	Curie Institute, Paris, France	Role of microtubules, kinesin microtubule- based motors and coronin-1 on MT1-MMP trafficking during tumor cell invasion
Diz Muñoz, Alba	Spanish	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Weiner, Orion	University of California, San Francisco, United States	How neutrophils convert changes in membrane tension to changes in intracellular signaling during chemotaxis
Fernandez- Alvarez, Alfonso	Spanish	Pablo de Olavide University, Seville, Spain	Cooper, Julia P.	Cancer Research UK, London Research Institute, United Kingdom	Molecular analysis of the interactions between chromosomes and the spindle assembly machinery during meiosis
Garcia-Lopez, Amparo	Spanish	University of Valencia, Spain	Scapozza, Leonardo	University of Geneva, Switzerland	Structural modelling of an RNA stem-loop that regulates the alternative splicing of SMN2: A new therapeutic target in spinal muscular atrophy
Herranz Martin, Nicolas	Spanish	Hospital del Mar Medical Research Institute, Barcelona, Spain	Gil, Jesús	Imperial College London, United Kingdom	Identification and functional characterization of novel factors regulating the secretome of cancer-associated fibroblasts (CAFs)
Isasa, Marta	Spanish	Institute of Molecular Biology of Barcelona, Spain	Gygi, Steven P.	Harvard Medical School, Boston, United States	Deciphering the code of atypical ubiquitin chains
Martincorena, Inigo	Spanish	European Molecular Biology Laboratory - European Bioinformatics Institute, Hinxton, United Kingdom	Campbell, Peter	Wellcome Trust Sanger Institute, Hinxton, United Kingdom	Using evolutionary approaches on cancer genome sequencing data to identify new key genes in cancer and characterise tumour progression
Martinez Barricarte, Ruben	Spanish	Centre of Biological Research, Madrid, Spain	Casanova, Jean-Laurent	The Rockefeller University, New York, United States	Genome-wide dissection of Mendelian susceptibility to mycobacterial disease (MSMD)
Martinez Martin, David	Spanish	Autonomous University of Madrid, Spain	Müller, Daniel J.	Swiss Federal Institute of Technology, Zurich, Switzerland	Micromechanical mass analysis of single vertebrate cells undergoing cell cycle transitions

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Full name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Molina, Oscar	Spanish	Autonomous University of Barcelona, Spain	Earnshaw, William C.	University of Edinburgh, United Kingdom	Effect of epigenetic modifications in the pericentromeric heterochromatin in kinetochore assembly and function
Muriel-López, Olivia	Spanish	Spanish National Cancer Centre, Madrid, Spain	Gruenberg, Jean	University of Geneva, Switzerland	Characterization of the mechanism that control MVBs formation
Novoa, Eva Maria	Spanish	Institute for Research in Biomedicine, Barcelona, Spain	Kellis, Manolis	Massachusetts Institute of Technology, Cambridge, United States	Genome-wide characterisation of human RNA modifications and its roles in post-transcriptional regulation and gene expression
Piñeiro Ugalde, Alejandro	Spanish	University of Oviedo, Spain	Agami, Reuven	The Netherlands Cancer Institute, Amsterdam, The Netherlands	Relevance of gene expression regulation by alternative polyadenylation in cellular processes associated with cancer
Puighermanal, Emma	Spanish	Pompeu Fabra University, Barcelona, Spain	Valjent, Emmanuel	University of Montpellier, France	Cell-type-specific identification of mRNAs translated by cannabinoids in the hippocampus: From signaling to behavior
Rendueles, Olaya	Spanish	Pasteur Institute, Paris, France	Velicer, Gregory	Swiss Federal Institute of Technology, Zurich, Switzerland	<i>De novo</i> evolution of kin discrimination in <i>Myxococcus xanthus</i>
Sánchez-Alcañiz, Juan Antonio	Spanish	University Miguel Hernández, Alicante, Spain	Benton, Richard L.	University of Lausanne, Switzerland	Analysis of central gustatory circuitry in <i>Drosophila</i> using neural activity reporters
Uribesalgo, Iris	Spanish	Centre for Genomic Regulation, Barcelona, Spain	Penninger, Josef	Institute of Molecular Biotechnology, Vienna, Austria	Apelin inhibition as an anti-cancer therapy
Vellosillo, Tamara	Spanish	Autonomous University of Madrid, Spain	Somerville, Chris	University of California, Berkeley, United States	Plant cell wall biosynthesis, modification and damage
Berg, Daniel	Swedish	Karolinska Institute, Stockholm, Sweden	Song, Hongjun	Johns Hopkins University School of Medicine, Baltimore, United States	Neuronal circuitry mechanisms regulating adult neural stem cell niche
Berntsson, Ronnie	Swedish	University of Groningen, The Netherlands	Stenmark, Pål	Stockholm University, Sweden	Structural investigation into botulinum neurotoxins and their delivery vehicles
Gummeson, Bertil	Swedish	University of Gothenburg, Sweden	Norel-Bozouklian, Françoise	Pasteur Institute, Paris, France	Mechanisms of global control of gene expression by the general stress response transcription factor, sigma-S
Holmqvist, Erik	Swedish	Uppsala University, Sweden	Vogel, Jörg	University of Würzburg, Germany	A deep sequencing approach to global RNA–protein interactions in the model pathogen <i>Salmonella</i>
Jonsson, Malin	Swedish	University Medical Center Utrecht, The Netherlands	Lim, Bing	Genome Institute of Singapore, Singapore	Genetic and chemical approach to generate mature human cardiomyocytes from stem cells

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Sellin, Mikael	Swedish	Umea University, Sweden	Hardt, Wolf-Dietrich	Swiss Federal Institute of Technology, Zurich, Switzerland	The mechanism of intestinal inflammation induced by the <i>Salmonella typhimurium</i> effector SopE
Wittrup, Anders	Swedish	Lund University, Sweden	Lieberman, Judy	Harvard Medical School, Boston, United States	Characterization and rational improvement of the endosomal escape of nucleic acid delivery vehicles for systemic use
Alder, Adrian	Swiss	Albert Ludwig University of Freiburg, Germany	Gruissem, Wilhelm	Swiss Federal Institute of Technology, Zurich, Switzerland	The metabolic and developmental roles of carotenoid cleavage dioxygenase 7 (CCD7), CCD8 and CCD4 in cassava
Rey, Guillaume	Swiss	Swiss Federal Institute of Technology, Lausanne, Switzerland	Reddy, Akhilesh	University of Cambridge, United Kingdom	Systems-level identification of circadian post-translational modifications in mammalian cells
Ruediger Lee, Sarah	Swiss	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Scanziani, Massimo	University of California, San Diego, United States	Defining the functions of distinct cortical inhibitory neuron classes in visual perception and behavior
Towbin, Benjamin	Swiss	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Alon, Uri	Weizmann Institute of Science, Rehovot, Israel	Evolution of transcriptional networks that optimize metabolic pathway control in unstable environments

EMBO Long-Term Fellowships awarded in 2012 | Non-EMBC Member States' nationals

Name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Allo, Mariano	Argentinian	University of Buenos Aires, Argentina	Ephrussi, Anne	European Molecular Biology Laboratory, Heidelberg, Germany	Long non-coding RNAs with specific regulation and function in the <i>Drosophila</i> central nervous system
Bologna, Nicolas Gerardo	Argentinian	Molecular and Cell Biology Institute of Rosario, Argentina	Voinnet, Olivier	Swiss Federal Institute of Technology, Zurich, Switzerland	Exploring nuclear localization and functions of <i>Arabidopsis</i> AGO1
Gerez, Juan	Argentinian	University of Buenos Aires, Argentina	Picotti, Paola	Swiss Federal Institute of Technology, Zurich, Switzerland	Proteomics characterization of cell signaling pathways involved in α -synuclein cell-to-cell transmissibility
Gilardoni, Paola	Argentinian	Max Planck Institute for Chemical Ecology, Jena, Germany	Naef, Felix	Swiss Federal Institute of Technology, Lausanne, Switzerland	Counting molecules around the circadian clock with targeted proteomics: Implications for oscillator models and temperature compensation
Petrillo, Ezequiel	Argentinian	University of Buenos Aires, Argentina	Barta, Andrea	Medical University of Vienna, Austria	Identification of light signaling components in the regulation of alternative splicing in plants
Wong, Emily	Australian	The University of Queensland, St. Lucia, Australia	Flicek, Paul	European Molecular Biology Laboratory - European Bioinformatics Institute, Hinxton, United Kingdom	Experimental and computational analysis of transcriptional evolution in different cell types across closely related mammals
Almeida-Souza, Leonardo	Brazilian	University of Antwerp, Wilrijk, Belgium	McMahon, Harvey T.	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	The role of Munc13 and Munc18 membrane binding and insertion domains in vesicle exocytosis
Parent, Jean-Sébastien	Canadian	University of Montreal, Canada	Vaucheret, Hervé	Jean-Pierre Bourgin Institute, Versailles, France	Contribution of antisense transcription to the triggering of small RNA-mediated gene silencing in plants
Mendiburo, María José	Chilean	Max Planck Institute of Immunobiology and Epigenetics, Freiburg, Germany	Köhler, Alwin	Max F. Perutz Laboratories, University of Vienna, Austria	Optogenetic engineering of gene looping at the nuclear pore
Chan, Ying Wai	Chinese	Biozentrum, University of Basel, Switzerland	West, Stephen C.	Cancer Research UK, London Research Institute, United Kingdom	Regulation of GEN1 Holliday junction resolvase during the mitotic cell cycle
Calderon Dominguez, Lesly	Cuban	Max Planck Institute of Immunobiology and Epigenetics, Freiburg, Germany	Merkenschlager, Matthias	Imperial College London, United Kingdom	The impact of cohesin on gene expression and developmental potential in mammalian cells: Rapid and reversible loss of cohesin controlled by inducible proteolysis
Eliades, Alexia	Cypriot	Boston University School of Medicine, United States	Kouskoff, Valerie	University of Manchester, United Kingdom	Deciphering the molecular mechanisms of haematopoiesis specification: A focus on haemogenic endothelium

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Name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Kandasamy, Kumaran	Indian	Johns Hopkins University School of Medicine, Baltimore, United States	Superti-Furga, Giulio	Research Center for Molecular Medicine of the Austrian Academy of Sciences, Vienna, Austria	Dissecting the dynamics of host molecular network in response to viral infection
Kommireddy, Vasu	Indian	Indian Institute of Science, Bangalore, India	O'Carroll, Donal	European Molecular Biology Laboratory, Monterotondo, Italy	Molecular characterization of the Mili–piRNA pathway in post-natal germ cell development and stem cell maintenance
Modi, Souvik	Indian	National Centre For Biological Sciences, Bangalore, India	Kittler, Josef	University College London, United Kingdom	Correlation of calcium and ATP levels on activity-dependent positioning of mitochondria in dendrites
Pandey, Rakesh	Indian	Max Planck Institute for Dynamics of Complex Technical Systems, Magdeburg, Germany	Armitage, Judith P.	University of Oxford, United Kingdom	<i>In vivo</i> investigation of light and redox sensory integration in <i>Rhodobacter sphaeroides</i>
Sharma, Ashwani	Indian	International Centre For Genetic Engineering and Biotechnology, New Delhi, India	Steinmetz, Michel O.	Paul Scherrer Institute, Villigen, Switzerland	Structure-function relationship of tubulin modifying enzymes
Singh, Priyanka	Indian	Institute of Biochemistry, Münster, Germany	Cabernard, Clemens	Biozentrum, University of Basel, Switzerland	Spatial and temporal requirement of mushroom body defect (mud) during asymmetric cell division in <i>Drosophila</i> neuroblasts
Sunadome, Kazunori	Japanese	Kyoto University, Japan	Watt, Fiona	King's College London, United Kingdom	Molecular mechanisms by which FRMD4A, a novel skin carcinoma regulator, maintains epidermal homeostasis
Suzuki, Ikuo	Japanese	National Institute of Genetics, Mishima, Japan	Vanderhaeghen, Pierre	Free University of Brussels, Belgium	Deciphering the molecular mechanisms linking the development and evolution of the human cerebral cortex
Yoda, Mayuko	Japanese	University of Tokyo, Japan	Morillon, Antonin	Curie Institute, Paris, France	Identification of yeast non-coding RNA-associated proteins using SILAC-based RNA affinity purification in <i>S. cerevisiae</i>
Gjorevski, Nikolce	Macedonian	Princeton University, United States	Lutolf, Matthias	Swiss Federal Institute of Technology, Lausanne, Switzerland	A systems biology approach to define the role of the extracellular matrix in intestinal stem cell renewal, differentiation and intestinal morphogenesis
Feraru, Elena	Romanian	Ghent University, Belgium	Kleine-Vehn, Jürgen	University of Applied Life Sciences and Natural Resources, Vienna, Austria	The evolution of PILS-mediated regulation of intracellular auxin homeostasis and its importance for plant growth and development
Nikic, Ivana	Serbian	Ludwig Maximilian University, Munich, Germany	Lemke, Edward	European Molecular Biology Laboratory, Heidelberg, Germany	Protein-engineering based approach for super-resolution imaging of nucleoporin–chromatin interactions

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Name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Lim, Lynette	Singaporean	National University of Singapore, Singapore	Marín, Oscar	University Miguel Hernández, Sant Joan d'Alacant, Spain	Understanding how newly evolved genes control interneuron migration and neocortical development
Heo, Inha	South Korean	Seoul National University, Republic of Korea	Clevers, Hans C.	Utrecht University, The Netherlands	The role of long intergenic non-coding RNA in adult stem cell
Ju, Young Seok	South Korean	Seoul National University College of Medicine, Republic of Korea	Stratton, Michael	Wellcome Trust Sanger Institute, Hinxton, United Kingdom	The transcriptional consequences of somatic acquired mutation in human cancer
Lin, Suewei	Taiwanese	Howard Hughes Medical Institute, Ashburn, United States	Waddell, Scott	Oxford Centre for Neural Circuits and Behaviour, Oxford, United Kingdom	Neural circuit control of thirst-directed behaviour
Tsai, Yu-Hsuan	Taiwanese	Max Planck Institute of Colloids and Interfaces, Potsdam-Golm, Germany	Chin, Jason W.	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Genetically encoding of glycosylated amino acids into recombinant proteins in <i>Escherichia coli</i>
Duvarci, Sevil	Turkish	Rutgers University, Newark, United States	Roeper, Jochen	Goethe University Frankfurt, Germany	Electrophysiological investigation of identified mesocortical dopamine neurons in a transgenic mouse model of schizophrenia
Kaplan, Oktay Ismail	Turkish	University College Dublin, Ireland	Tursun, Baris	Max Delbrück Center for Molecular Medicine, Berlin, Germany	Mechanisms of direct <i>in vivo</i> cell type conversion in <i>Caenorhabditis elegans</i>
Atallah, Bassam	US-American	University of California, San Diego, United States	Mainen, Zachary F.	Champalimaud Centre for the Unknown, Lisbon, Portugal	Neural mechanisms underlying rapid modulation of spatial attention in the superior colliculus
Bheda, Poonam	US-American	Johns Hopkins University School of Medicine, Baltimore, United States	Schneider, Robert	Institute of Genetics and Molecular and Cellular Biology, Illkirch, France	Single-cell dynamics of Gal1 transcriptional memory inheritance in <i>Saccharomyces cerevisiae</i>
Cichocki, Frank	US-American	University of Minnesota Cancer Research Center, Minneapolis, United States	Bryceson, Yenan	Karolinska Institute, Stockholm, Sweden	Studies of transcriptional networks regulating cytotoxic lymphocyte differentiation and effector function
Currie, Joshua	US-American	University of North Carolina, Chapel Hill, United States	Tanaka, Elly	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Molecular features of axolotl blastema formation
Degner, Jacob	US-American	University of Chicago, United States	Furlong, Eileen	European Molecular Biology Laboratory, Heidelberg, Germany	Understanding the dynamic changes in cis-regulatory control that drive cell fate specification during embryonic development
Dye, Natalie	US-American	Stanford University, United States	Eaton, Suzanne	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Elucidating the mechanisms that regulate tissue size and shape in the <i>Drosophila</i> wing disc by characterizing the dynamics and mechanics of tissue growth

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Name	Nationality	Home laboratory	Group leader	Host laboratory	Project
Ganguly, Sujoy	US-American	University of Cambridge, United Kingdom	Howard, Jonathan	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	<i>In vitro</i> reconstitution of cytoplasmic streaming
LaFlamme, Brooke	US-American	Cornell University, Ithaca, United States	Freeman, Matthew	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Zooming out on iRhoms: From molecular interactions to physiological roles
Packer, Adam	US-American	Columbia University, New York, United States	Häusser, Michael	University College London, United Kingdom	Causal determination of the neural code for touch by recording and stimulating neural activity in awake behaving mice
Pang, Kevin	US-American	University of Hawaii, Honolulu, United States	Hejnlol, Andreas	Sars International Centre for Marine Molecular Biology, Bergen, Norway	Evolution of chemosensory systems in the invasive ctenophore, <i>Mnemiopsis leidyi</i>
Pilobello, Kanoelani	US-American	New York University, United States	Triller, Antoine	École Normale Supérieure, Paris, France	Role of carbohydrates in the control of synaptic plasticity
Silva, Andrea C.	US-American	Albert Einstein College of Medicine, New York, United States	Posas, Francesc	Pompeu Fabra University, Barcelona, Spain	Control of gene expression by the Hog1 SAPK in yeast
Vera, Iset	US-American	Albert Einstein College of Medicine, New York, United States	Mota, Maria Manuel	Molecular Medicine Institute, Lisbon, Portugal	The role of host microRNA regulation in <i>Plasmodium</i> infected hepatocytes
Vladimer, Gregory	US-American	University of Massachusetts Medical School, Worcester, United States	Superti-Furga, Giulio	Center for Molecular Medicine of the Austrian Academy of Sciences, Vienna, Austria	Mounting a proper immune response by 'decoding' foreign nucleic acid
Woodruff, Jeffrey	US-American	University of California, Berkeley, United States	Hyman, Anthony	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Characterization of the structure and material properties of the centrosome in <i>C. elegans</i>

EMBO Long-Term Fellowships 2012: 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	3	1	2				2	7		2			1	2					1			2		1			1	3	5	34
Belgium	1							7	4	1					2		3		2	1				4	1			2		12	40
Croatia																1															1
Czech Republic									1																					1	2
Denmark		1		1	2		3				2						2						7	1	2				1	5	27
Estonia																															0
Finland		1					1		2																					3	7
France	1	2						2	8	1	1		1	1	9		3		6	4		1	18	1	1		3	1	13	33	110
Germany	1	3	2	3		4	2	9	17	2			1	4	10		2		4	3			20	2		2	2		13	51	157
Greece											3				1																4
Hungary																															0
Iceland								1																							1
Ireland																			1				1				1		1	1	5
Israel								3	4						2		1				1					1			2	2	16
Italy		2							1	2					2				1				5							8	21
Luxembourg																				1											1
Netherlands	1				1		1	3	5	1				1	7		4		2	1	1		6	1	1	1			2	15	54
Norway											1												2							1	4
Poland									1																					2	3
Portugal					1			1	1											9			3						2	3	20
Slovak Republic																															0
Slovenia																															0
Spain	2		2	2	1			4		1				1	4		3			5	1	1	5		2		1	1	5	12	53
Sweden						1	4	5	11		1				2		3	1		3		1	9	2		1	1		4	11	60
Switzerland		1		4		1		17	16	1				1	14		2		3	2	2		11	1	4	2	2	1	8	29	122
Turkey																										1					1
UK	2	4	1	2		1	1	31	19	8	2		1	9	15		5		4	10			44	5	4	1	1	2	15	75	262
EMBL	1			1				1	5					1	1								3	1		1	1	4	1	5	26
Eastern Europe																															0
USA/Canada	14	11	1	2	4		6	73	67	3	5	1	2	77	23		26		11	9	2		70	23	7	3	27				467
Others	2	3	3	3	1		1	8	8	2	2		3		3		2		1				7	2			5			1	57
Total	26	31	10	20	10	7	19	167	177	25	16	1	8	96	97	0	57	1	35	49	7	3	217	40	23	12	44	12	71	274	1555

EMBO Long-Term Fellowships 2012: 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								2	3											1				1				1	1	3	12	
Belgium		1						2	1									1			1									1	6	
Croatia																															0	
Czech Republic																															0	
Denmark																															0	
Estonia																															0	
Finland																															0	
France									1						3				1					2	1					3	1	12
Germany		1					1	2	9	1				2	3		2	2						1		2			4		30	
Greece																															0	
Hungary																															0	
Iceland																															0	
Ireland																			1												1	
Israel								1	1																1						3	
Italy																															0	
Luxembourg																															0	
Netherlands	1									1									1	1				1						1	6	
Norway																													1		1	
Poland																															0	
Portugal																				4										2	6	
Slovak Republic																															0	
Slovenia																															0	
Spain								1							1														1	1	4	
Sweden								1	2																1				1		5	
Switzerland								7	2						3				1	1	1			5	1	1		1		5	28	
Turkey																															0	
UK	1	2				1		5	9	2				2	2		1	1	2					4		1				2	10	45
EMBL				1				1	2					1													1	1	1	3	11	
Eastern Europe																															0	
USA/Canada	2	1			1		1	6	18	1				19	7		2		2	3				5	2	1		4			75	
Others									1																1						2	
Total	4	5	0	1	1	1	2	28	49	5	0	0	0	24	19	0	6	0	9	12	1	0	18	7	4	2	5	3	16	25	247	

EMBO Short-Term Fellowships →→

EMBO Short-Term Fellowships: Statistics

Applications and awards 1977–2012

Year	Applications	Awards	Success rate %
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 2000–2012

Country from	Applications	% of total	Awards	% of total	Success rate %
Austria	58	1	30	1	52
Belgium	90	2	64	2	71
Croatia	43	1	21	1	49
Czech Republic	89	2	51	2	57
Denmark	26	1	14	1	54
Estonia	8	<1	5	<1	63
Finland	41	1	23	1	56
France	275	6	174	7	63
Germany	334	7	197	7	59
Greece	174	4	104	4	60
Hungary	114	2	68	3	60
Iceland	14	<1	9	<1	64
Ireland	50	1	31	1	62
Israel	177	4	118	4	67
Italy	753	15	385	14	51
Luxembourg	1	<1	1	<1	100
Netherlands	137	3	87	3	64
Norway	15	<1	7	<1	47
Poland	189	4	90	3	48
Portugal	123	2	68	3	55
Slovak Republic	12	<1	9	<1	75
Slovenia	50	1	25	1	50
Spain	800	16	426	16	53
Sweden	48	1	32	1	67
Switzerland	62	1	40	2	65
Turkey	107	2	43	2	40
United Kingdom	178	4	112	4	63
Eastern Europe	299	6	134	5	45
Other	669	14	293	11	44
Total	4936	99	2661	99	54

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Blaustein, Matías	Argentinian	European Molecular Biology Laboratory, Heidelberg, Germany	Pepperkok, Rainer	University of Buenos Aires, Argentina	Development of an image acquisition and analysis method to study AKT localization and dynamics in different tumour cell lines
Bresso Díaz, Edgardo Gabriel	Argentinian	Max Planck Institute for Developmental Biology, Tübingen, Germany	Weigel, Detlef	Institute of Molecular and Cell Biology of Rosario, Argentina	Genome-wide <i>de novo</i> identification of direct targets of miR319-regulated TCP transcription factors
Chertoff, Mariela	Argentinian	National Institute of Health and Medical Research, Research Unit – Pathophysiology and Neuroprotection of Developing Brain, Paris, France	Gressens, Pierre	Neuroscience Institute, University of Barcelona, Bellaterra, Spain	Analysis of TREM2 expression in the oligodendrocyte lineage during postnatal development and after hypoxia/ischemia insult in P7 mice
Delprato, María Laura	Argentinian	Leibniz Institute of Plant Genetics and Crop Plant Research, Gatersleben, Germany	Hajirezaei, Mohammad-Reza	Institute of Molecular and Cell Biology of Rosario, Argentina	Antioxidant response of transgenic tobacco plants to biotic stress and variable external light conditions
Kraiselburd, Ivana	Argentinian	Max Planck Institute for Bioinorganic Chemistry, Mülheim, Germany	Gärtner, Wolfgang	Institute of Molecular and Cell Biology of Rosario, Argentina	Spectroscopic and functional characterization of blue light photoreceptors from <i>Xanthomonas axonopodis</i> pv. <i>citri</i>
Mondino, Sonia	Argentinian	Swiss Federal Institute of Technology, Lausanne, Switzerland	Cole, Stewart T.	Institute of Molecular and Cell Biology of Rosario, Argentina	Regulation of fatty acid biosynthesis in mycobacteria: A crosstalk between two FAS systems
Ricardi, Martiniano	Argentinian	University of Copenhagen, Denmark	Ulvskov, Peter	University of Buenos Aires, Argentina	Relevance of P4Hs and O-glycosylation on hypocotyl cell expansion
Schlesinger, Mariana	Argentinian	University of Oulu, Finland	Lehtiö, Lari	Institute of Genetic Engineering and Molecular Biology, Buenos Aires, Argentina	Functional and structural characterization of <i>Trypanosoma brucei</i> poly(ADP-ribose) polymerase
Hakki, Zalihe	Australian	University of York, United Kingdom	Davies, Gideon	University of Melbourne, Australia	Use of rationally-designed substrates for the mechanistic dissection of endomannosidase and as tools to establish its biological roles
Machne, Rainer	Austrian	Humboldt University of Berlin, Germany	Herzel, Hanspeter	Institute for Theoretical Chemistry, University of Vienna, Austria	Feedbacks between metabolism and chromosomal structure: The origins of circadian and growth regulation
Möst, Thomas	Austrian	Harvard Medical School, Boston, United States	Starnbach, Michael N.	Center of Immunology of Marseille-Luminy, France	Identification of host protein interaction partners of <i>Salmonella</i> virulence factors
Su, Kuan-Chung	Austrian	Oregon Institute of Marine Biology, Charlestown, United States	von Dassow, George	Cancer Research UK London Research Institute, United Kingdom	Probing the network initiating cytokinesis in echinoderms using micromanipulation

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Taferner, Andrea	Austrian	Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology, Heraklion, Greece	Tavernarakis, Nektarios	Institute for Biomedical Aging Research, Austrian Academy of Sciences, Innsbruck, Austria	Genetic analysis of a FAHD1 ortholog in <i>Caenorhabditis elegans</i>
Thomas, Philippe	Austrian	Center for Computational Pharmacology, University of Colorado, Denver, United States	Cohen, Kevin	Humboldt University of Berlin, Germany	Combination of linguistic and machine learning methods to improve protein–protein interaction extraction from text
Broux, Bieke	Belgian	Montreal University Health Centre, Notre-Dame Hospital, Montreal, Canada	Prat, Alexandre	Biomedical Research Institute, Hasselt University, Diepenbeek, Belgium	The pathogenic role of CD4+CD28- T cells in multiple sclerosis
Cassart, Clément	Belgian	Laboratory of Molecular and Cellular Biology, Ecole Normale Supérieure, Lyon, France	Robert, Valérie	University of Namur, Belgium	Generation and analysis of mutants lacking the RNA polymerase II CTD serine 2 phosphorylation in <i>C. elegans</i>
Crul, Tim	Belgian	Turku Centre for Biotechnology, Finland	Sistonen, Lea	Biological Research Centre, Hungarian Academy of Sciences, Szeged, Hungary	Detailed analysis of BGP-15 induced modulations of HSF1-binding to DNA
Deghelt, Michael	Belgian	Yale University, New Haven, United States	Jacobs-Wagner, Christine	University of Namur, Belgium	Study of the mechanisms of duplication and segregation of the two chromosomes of the pathogen <i>Brucella abortus</i> during <i>in vitro</i> and infection conditions
Holemans, Tine	Belgian	University of Copenhagen, Denmark	Palmgren, Michael	University of Leuven, Belgium	Role of the unique extra N-terminal helix (TMa) of ATP13A2 a novel P-type ATPase implicated in neurological disorders
Pauwels, Laurens	Belgian	National Center for Biotechnology, Madrid, Spain	Solano, Roberto	Ghent University, Belgium	Interaction of the E3 ligase KEG and JAZ12 in <i>Arabidopsis</i>
Peeters, Eveline	Belgian	University of Copenhagen, Denmark	She, Qunxin	Free University of Brussels, Belgium	Genetic analysis of a transcriptional regulatory network of Lrp-like transcription factors in the archaeon <i>Sulfolobus islandicus</i>
Van Putte, Wouter	Belgian	University of Basel, Switzerland	Stahlberg, Henning	Ghent University, Belgium	Structural studies of the type II secretion system of pathogenic bacteria
Vangheluwe, Peter	Belgian	University of Copenhagen, Denmark	Palmgren, Michael	University of Leuven, Belgium	Identification of the substrate of the P5 ATPases, novel pumps implicated in neurological disorders
Rebollo, Rita	Brazilian	Laboratory of Biometrics and Evolutionary Biology, Lyon, France	Vieira, Cristina	British Columbia Cancer Agency, Vancouver, Canada	Estimation of endogenous retrovirus activity in mouse strains

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Souza-Fonseca-Guimaraes, Fernando	Brazilian	University of Massachusetts Medical School, Boston, United States	Golenbock, Douglas	Pasteur Institute, Paris, France	NK cell status in sepsis: Role of cell signaling and intracellular trafficking in TLR signal transduction and cytokine production
Bailey, Andrew	British	National Resource for Imaging Mass Spectrometry, Boston, United States	Lechene, Claude	Medical Research Council National Institute for Medical Research, London, United Kingdom	Investigation of metabolic coupling between glia and neural stem cells using multi-isotope imaging mass spectrometry
Blohmke, Christoph	British	The Research Institute at Nationwide Children's Hospital, Columbus, United States	Ramilo, Octavio	The Churchill Hospital, Oxford, United Kingdom	Using systems biology to identify novel biomarkers of <i>S. typhi</i> infection
Casal Banciella, Enriqueta	British	Johns Hopkins University School of Medicine, Baltimore, United States	Hart, Gerald	Wellcome Trust Sanger Institute, Hinxton, United Kingdom	O-GlcNAcylation in <i>Plasmodium falciparum</i> : An emerging area of research
Goh, Wilson Wen Bin	British	Swiss Federal Institute of Technology, Institute of Molecular Systems Biology, Zurich, Switzerland	Aebersold, Ruedi	Imperial College London, United Kingdom	Advancing cancer proteomics and computational epigenetics <i>via</i> the integration of the network-based method PSP with the targeted proteomics approach, SWATH MS
Grove, Joe	British	National Institutes of Health, Bethesda, United States	Lippincott-Schwartz, Jennifer	University College London, United Kingdom	Visualising endocytic processes by multi-colour super-resolution microscopy
Javadi, Valda	British	Duke University, Durham, United States	Marszalek, Piotr E.	University of Cambridge, United Kingdom	Single molecule techniques to probe the mechanical modulation of PR65/A repeat proteins
Newnham, Louise	British	Center for Reproductive Biolog, Pullman, United States	Hassold, Terry	University of Sussex, Brighton, United Kingdom	Investigating the role of synaptonemal complex proteins in achiasmata chromosome segregation in human oocytes
Osborne, Shona	British	Interdisciplinary Institute for Neuroscience, University of Bordeaux, France	Humeau, Yann	Queensland Brain Institute, The University of Queensland, Brisbane, Australia	Role of PIKfyve in pre- and post-synaptic membrane trafficking in the central nervous system
Purswani, Jessica	British	Harvard University, Cambridge, United States	Marx, Christopher	University of Granada, Spain	Determine epistatic interactions in <i>Methylobacterium</i> on methanol
Sloan, Katherine	British	Centre for Biochemistry and Molecular Cell Biology, Georg August University, Göttingen, Germany	Bohnsack, Markus	Institute for Cell and Molecular Biosciences, Newcastle University, United Kingdom	5S RNP integration into the ribosome and the links to p53 regulation and genetic disease
Gechev, Tsanko	Bulgarian	University of Groningen, Netherlands	Hille, Jacques	University of Plovdiv, Bulgaria	Identification of the gene regulatory network that controls reactive oxygen species-induced cell death in <i>Arabidopsis thaliana</i> using the oxidative stress-tolerant mutant <i>atr7</i>

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Iantcheva, Anelia	Bulgarian	Ghent University, Belgium	De Veylder, Lieven	AgroBio Institute, Sofia, Bulgaria	Functional characterization of a novel cell cycle regulated F-box protein in model plants <i>Arabidopsis thaliana</i> and <i>Medicago truncatula</i>
Dason, Jeffrey	Canadian	Cajal Institute, Madrid, Spain	Ferrus, Alberto	University of Toronto, Canada	Frequenin interacts with Ric8a to modulate synaptic function
Tang, Wannan	Chinese	University of Oslo, Norway	Nagelhus, Erlend A.	Max Planck Institute for Medical Research, Heidelberg, Germany	<i>In vivo</i> calcium signaling studies in astrocytes using genetically encoded calcium indicators
Zhang, Chi	Chinese	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Roska, Botond	University of Louisville, United States	Define the local circuit of identified Grik4-cre RGCs in cultured mouse retina
Zhang, Hongtao	Chinese	Umea University, Sweden	Bakó, László	Utrecht University, Netherlands	Quantitative analysis of the retinoblastoma related (RBR) phosphorylation by CDK/CYCD complexes using split YFP
Chica Balaguera, Nathalia	Columbian	University of Cambridge, United Kingdom	Mata, Juan	Institute of Molecular and Cellular Biology of Cancer, Salamanca, Spain	Characterisation of genes involved in mRNA turnover as novel regulators of the fission yeast cell cycle
Morin Lantero, José Alberto	Cuban	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Grill, Stephan	Madrid Institute of Advanced Studies in Nanoscience, Spain	Unraveling the dynamics of a replicative DNA polymerase with a high resolution optical tweezers method
Ros Quincoces, Uris Lianne	Cuban	BioQuant, Heidelberg University, Germany	García-Saez, Ana J.	University of Havana, Cuba	Membrane and protein dynamic processes leading to pore formation by sticholysins: Toxins from a Caribbean sea anemone
Kouyialis, Marina	Cypriot	Wellcome Trust Centre for Stem Cell Research, University of Cambridge, United Kingdom	Hendrich, Brian	Biomedical Sciences Research Center Alexander Fleming, Athens, Greece	Characterisation of Dnmt3a2 protein interactions and gene targets in ES cells using a biotinylation tagging approach
Barinka, Cyril	Czech	Technical University Munich, Freising, Germany	Skerra, Arne	Institute of Biotechnology AS CR, Prague, Czech Republic	Development of anticalin-based biologics targeting prostate-specific membrane antigen (PSMA)
Klika, Václav	Czech	Swiss Federal Institute of Technology, Basel, Switzerland	Iber, Dagmar	Czech Technical University, Prague, Czech Republic	A systemic viewpoint on branching morphogenesis
Potocky, Martin	Czech	University of Erlangen, Germany	Kost, Benedikt	Institute of Experimental Botany, Prague, Czech Republic	Regulation of pollen NADPH oxidase by Rac/Rop GTPases
Baek, Kristoffer	Danish	Centre for Molecular Microbiology and Infection, Imperial College London, United Kingdom	Gründling, Angelika	University of Copenhagen, Denmark	Impact of the ClpX molecular chaperone on the cell wall of <i>Staphylococcus aureus</i>

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Ansems, Marleen	Dutch	Washington University School of Medicine, St. Louis, United States	Colonna, Marco	Radboud University Nijmegen Medical Centre, Netherlands	The physiological role of DC-SCRIPT in dendritic cell and cancer biology
Bax, Noortje	Dutch	Columbia University, New York, United States	Vunjak-Novakovic, Gordana	Eindhoven University of Technology, Netherlands	Characterizing and mimicking the cellular microenvironment in the heart
Boukens, Bastiaan	Dutch	The Hammersmith Hospital, Imperial College London, United Kingdom	Gorelik, Julie	Heart Failure Research Center, Amsterdam, Netherlands	Differential localization and function of cardiac sodium channels in specific membrane regions of the cardiomyocyte: A study integrating scanning ion conductance microscopy and patch clamping
Bruining, Hilgo	Dutch	Neuroscience Institute of Alicante, Miguel Hernández University, Spain	MarinParra, Oscar	Rudolf Magnus Institute of Neuroscience, Utrecht, Netherlands	Interneuron development in mice with a human autism mutation in Cntnap2
Deinum, Eva	Dutch	John Innes Centre, Norwich, United Kingdom	Grieneisen, Veronica	FOM Institute AMOLF, Amsterdam, Netherlands	A modelling study of the fundamental properties of non-targeted symplastic transport and its impact on plant developmental pattern formation
Erkens, Mirtha	Dutch	Center for Functional Connectomics, Korea Institute of Science and Technology, Seoul, South Korea	Tanaka- Yamamoto, Keiko	Radboud University Nijmegen Medical Centre, Netherlands	Role of the brain specific tyrosine phosphatase PTPRR in long term depression
Fransen, Floris	Dutch	Mount Sinai Medical Center, New York, United States	Merad, Miriam	Institute for Molecular Oncology, Milan, Italy	Origin and function of dendritic cell subsets in Peyer's patches
Hilbrant, Maarten	Dutch	JT Biohistory Research Hall, Takatsuki, Japan	Oda, Hiroki	Oxford Brookes University, United Kingdom	Investigating the regulatory interactions of Wnt and Notch signalling to determine cell fate in the arthropod segment addition zone
Huijbers, Maartje	Dutch	Skirball Institute, New York, United States	Burden, Steven J.	Leiden University Medical Centre, Netherlands	How do auto-antibodies to MuSK inhibit MuSK function and cause myasthenia gravis?
Möller, Barbara	Dutch	Duke University, Durham, United States	Benfey, Philip N.	Wageningen University and Research Centre, Netherlands	Identification of TMO5 target genes involved in vascular stem cell specification
Nijkamp, Jürgen	Dutch	University of Maryland, College Park, United States	Pop, Mihai	Delft University of Technology, Netherlands	<i>De novo</i> variant detection in 'matched' sequencing samples
Rana, Mohammad Sameer	Dutch	Children's Hospital Oakland Research Institute, United States	Lammer, Edward J.	University of Amsterdam, Netherlands	Identifying novel candidate genes within 22q11.2 distal to TBX1 in non-syndromic tetralogy of Fallot patients
Schotanus, Klaas	Dutch	Oregon State University, Corvallis, United States	Freitag, Michael	Max Planck Institute for Terrestrial Microbiology, Marburg, Germany	Identification of centromeres on core and dispensable chromosomes in the plant pathogenic fungus <i>Zymoseptoria tritici</i> (synonym <i>Mycosphaerella graminicola</i>)

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Westra, Edze	Dutch	University of Sheffield, United Kingdom	Dickman, Mark J.	Wageningen University and Research Centre, Netherlands	Mapping protein–DNA interaction sites in the CRISPR/Cas anti-virus immunity system
Muona, Mikko	Finnish	Wellcome Trust Sanger Institute, Hinxton, United Kingdom	Palotie, Aarno	Institute for Molecular Medicine Finland, Helsinki, Finland	Identification of novel genes in progressive myoclonus epilepsy by exome sequencing
Bonis, Mathilde	French	University of Sheffield, United Kingdom	Foster, Simon	Pasteur Institute, Paris, France	AFM analysis of the peptidoglycan architecture of <i>Helicobacter pylori</i>
Bourbousse, Clara	French	University of Amsterdam, Netherlands	Fransz, Paul	Institute of Biology of the Ecole Normale Supérieure, Paris, France	Tissue-specific dynamics of global heterochromatin compaction during photomorphogenesis
Bridier-Nahmias, Antoine	French	Center for Genome Engineering, University of Minnesota, Minneapolis, United States	Voytas, Dan	French National Center for Scientific Research, Paris, France	High throughput sequencing of <i>de novo</i> Ty1 insertion events in a RNA Pol III mutant of <i>S. cerevisiae</i>
Garaude, Johan	French	Spanish National Cardiovascular Research Center, Madrid, Spain	Sancho, David	Institute for Research in Biotherapy, Montpellier, France	The role of C-type lectin receptors in chemotherapy and immunotherapy
Hudry, Bruno	French	University of Vienna, Austria	Ulrich, Technau	Developmental Biology Insitute of Marseille- Luminy, France	Deciphering the pre-bilateria origin of the HOX-TALE patterning network: Insights from the sea anemone, <i>Nematostella vectensis</i>
Ochala, Julien	French	Department of Molecular and Cell Physiology, Hannover Medical School, Germany	Brenner, Bernhard	Uppsala University, Sweden	How do nemaline myopathy-related actin missense mutations affect myosin motor function?
Roseaulin, Laura	French	University of Toronto, Canada	Boone, Charles	Curie Institute, Paris, France	Investigating the role of the histone variant H2A.Z in genome stability
Seyres, Denis	French	European Molecular Biology Laboratory, Heidelberg, Germany	Furlong, Eileen	Technological Advances for Genomics and Clinics, Marseille, France	Identification of actives cis regulatory modules during cardiac differentiation in <i>Drosophila melanogaster</i>
Siamer, Sabrina	French	Biozentrum, University of Basel, Switzerland	Michael, Hall	Laboratory of Plant- Pathogen Interactions, Paris, France	Perturbation of the sphingolipid pathway by the DspA type III effector
Souphron, Judith	French	Paul Scherrer Institute, Villigen, Switzerland	Steinmetz, Michel O.	Curie Institute, Orsay, France	Structure-function relationship of tubulin modifying enzymes
Yvernogeu, Laurent	French	Erasmus University Medical Center, Rotterdam, Netherlands	Catherine, Robin	Pierre and Marie Curie University, Paris, France	<i>In vivo</i> imaging of the chicken embryonic aorta remodelling by somite-derived cells
Alonso, Angelika	German	Kocher Institute, University of Bern, Switzerland	Engelhardt, Britta	Department of Neurology, University Hospital Mannheim, Medical Faculty of Mannheim of the University of Heidelberg, Germany	Role of claudin-3 and claudin-5 in blood- brain barrier function

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Bats, Simon Hendrik	German	University of Lyon, France	Terradot, Laurent	Institute for Medical Microbiology and Hospital Epidemiology, Hannover, Germany	Biochemical and structural characterization of the CagN and CagQ proteins from the <i>Helicobacter pylori</i> cag pathogenicity island
Borner, Georg	German	Max Planck Institute for Biochemistry, Munich, Germany	Mann, Matthias	Cambridge Institute for Medical Research, United Kingdom	Proteomic investigation of AP-4 transport intermediates
Carbone, Anna	German	Interdisciplinary Institute for Neuroscience, University of Bordeaux, France	Choquet, Daniel	Leibniz Institute for Molecular Pharmacology, Berlin, Germany	Role of AMPA receptor desensitization in synaptic plasticity and receptor mobility
Dahms, Sven O.	German	University of Salzburg, Austria	Brandstetter, Hans	Leibniz-Institute for Age Research, Jena, Germany	Large scale expression of pro-hormone/pro-protein convertases in <i>Leishmania tarentolae</i> (LEXY)
Geenen, Eva-Maria	German	Helmholtz Center Munich, German Research Center for Environmental Health, Munich, Germany	Kempkes, Bettina	European Molecular Biology Institute, Grenoble, France	Role of the intrinsically disordered protein EBNA2 in STAT3 mediated transcription regulation of EBV infected cells
Genz, Maika	German	University of Basel, Switzerland	Ward, Thomas	Institute of Bioanalytical Chemistry, University of Leipzig, Germany	Development of a novel system for enantioselective catalysis using artificial metalloenzymes
Graumann, Katja	German	Texas A&M University, College Station, United States	Shippen, Dorothy E.	Oxford Brookes University, United Kingdom	Interactions between nuclear envelope SUN proteins and telomere binding proteins in higher plants
Hasenfuss, Sebastian	German	Institute of Bioengineering, Swiss Federal Institute of Technology, Lausanne, Switzerland	Auwerx, Johan	Spanish National Cancer Research Centre, Madrid, Spain	AP-1: A novel regulator of liver metabolism and disease?
Horn, Henning	German	Tel Aviv University, Israel	Avraham, Karen	Institute of Medical Biology, Singapore	Investigating the role of the LINC complex in hearing
Ludwig, Alexander	German	University of California, La Jolla, United States	Ellisman, Mark	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	High-resolution imaging of caveolae and flotillin microdomains <i>in situ</i> using miniSOG and electron tomography
Nafissi, Maryam	German	University of Strasbourg, France	Marzi, Stefano	University of California, Los Angeles, United States	Dissecting non-canonical mechanisms promoting efficient initiation of fis translation
Niehus, Sebastian	German	German Cancer Research Center, Heidelberg, Germany	Boutros, Michael	Institute of Molecular and Cellular Biology, Strasbourg, France	Cell-based small-scale RNAi screen to validate the genetic nature of intracellular parasitism between <i>Tubulinosema ratisbonensis</i> and the model organism <i>Drosophila melanogaster</i>

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Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Nikolaïdis, Ioulia	German	The Scripps Research Institute, La Jolla, United States	Cherezov, Vadim	Institute of Structural Biology, Grenoble, France	Crystallization of a bacterial lipid II transporter using lipidic cubic phases
Rudolf, Mareike	German	Hebrew University of Jerusalem, Israel	Keren, Nir	Goethe University, Frankfurt, Germany	Molecular principles of iron uptake in cyanobacteria
Saur, Isabel Marie-Luise	German	The Sainsbury Laboratory, Norwich, United Kingdom	Zipfel, Cyril	The Australian National University, Canberra, Australia	Identification of novel plant pattern recognition receptors (PRRs) recognizing PAMPs from wheat stripe rust
Schmiedel, Jörn	German	Massachusetts Institute of Technology, Cambridge, United States	van Oudenaarden, Alexander	Humboldt University of Berlin, Germany	Quantifying microRNA mediated mRNA crosstalk on the single cell level using a synthetic reporter system
Stöber, Miriam	German	University of Oxford, United Kingdom	Grünewald, Kay	Swiss Federal Institute of Technology, Institute of Biochemistry, Zürich, Switzerland	Structure of the caveolar coat: Analysis of the caveolin building block and native caveolae
Strecker, Thomas	German	Institute of Medical Science, University of Tokyo, Japan	Kawaoka, Yoshihiro	Institute of Virology, Philipps University Marburg, Germany	Electron microscopic analysis of Lassa virus egress from human respiratory epithelial cells
Toubiana, David	German	David Geffen School of Medicine, Los Angeles, United States	Horvath, Steve	Jacob Blaustein Institutes for Desert Research, Ben Gurion University, Sde Boquer, Israel	Deciphering amino acid regulation in tomato: A network-based approach
Voigt, Oliver	German	Sars International Centre for Marine Molecular Biology, Bergen, Norway	Adamska, Maja	Ludwig Maximilian University, Munich, Germany	The role of carbonic anhydrases in spicule formation of calcareous sponges
Völs, Sandra	German	Hebrew University of Jerusalem, Israel	Meshorer, Eran	University of Münster, Germany	The role of epigenetics in the poly-glutamine disorder Machado-Joseph disease
Winheim, Stefan	German	Feinberg School of Medicine, Northwestern University, Chicago, United States	Goldman, RobertD.	German Cancer Research Center, Heidelberg, Germany	<i>In vivo</i> dynamics of intermediate filament networks as revealed by microinjection of fluorescently labeled subunit proteins
Wycisk, Agnes Isabella	German	Oregon Health & Science Institute, Portland, United States	Skach, William R.	Goethe University, Frankfurt, Germany	Mapping the host–pathogen interaction between TAP and BNLF2a by site-specific photo-crosslinking
Andrikou, Carmen	Greek	University of Vienna, Austria	Technau, Ulrich	Anton Dohrn Zoological Station, Naples, Italy	Evolution of the brachyury function: A ChIP- seq approach
Bousios, Alexandros	Greek	University of Sussex, Brighton, United Kingdom	Eyre-Walker, Adam	Institute of Agrobiotechnology, Center for Research and Technology, Thessaloniki, Greece	Adaptive evolution in transposable elements

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Filiou, Michaela	Greek	Harvard Medical School/ Brigham and Women's Hospital, Boston, United States	Lechene, Claude	Max Planck Institute of Psychiatry, Munich, Germany	Investigation of psychiatric drug treatment response with multi-isotope imaging mass spectrometry
Karamitros, Christos	Greek	University of Illinois, Chicago, United States	Lavie, Arnon	Max Planck Institute for Biophysical Chemistry, Göttingen, Germany	Determination of the structure of human asparaginase by X-ray crystallography
Kararigas, Georgios	Greek	Cardiovascular Research Center, Barcelona, Spain	Hove-Madsen, Leif	Charité University, Berlin, Germany	Effects of oestrogen and MYLIP on the contractile function of human cardiomyocytes
Kotsyfakis, Michail	Greek	Laboratory of Malaria and Vector Research, National Institute of Allergy and Infectious Diseases, Rockville, United States	Ribeiro, José M.C.	Biology Centre of the Academy of Sciences of the Czech Republic, Institute of Parasitology, Ceske Budejovice, Czech Republic	Assembly and high-throughput annotation of 700 million Illumina reads from transcriptomes of the tick <i>Ixodes ricinus</i>
Koumbi, Lemonica	Greek	University of Messina, Italy	Pollicino, Teresa	Imperial College London, United Kingdom	The effect of genomic mutations of hepatitis B virus in the epigenetic regulation of the HBV minichromosome
Kyrousi, Christina	Greek	Institute for Stem Cell Research, Helmholtz Center Munich, German Research Center for Environment and Health, Neuherberg- Oberschleissheim, Germany	Goetz, Magdalena	Medical School, University of Patras, Greece	Investigating the role of geminin in the regulation of self-renewal and differentiation decisions of cortical neural progenitors
Papagiannouli, Fani	Greek	Stanford University School of Medicine, United States	Fuller, Margaret	Centre for Organismal Studies, Heidelberg, Germany	The role of the Hox gene abdominal-A (abd- A) in somatic stem cell maintenance and niche homeostasis in the <i>Drosophila</i> testis
Papastefanaki, Florentia	Greek	Center for Molecular Neurobiology Hamburg, Germany	Schachner, Melitta	Hellenic Pasteur Institute, Athens, Greece	Nanoparticle-mediated intraspinal delivery of a neurite-outgrowth promoting L1-derived peptide: Assessment of functional and anatomical recovery after spinal cord injury in mice
Polychronopoulos, Dimitris	Greek	Swiss Federal Institute of Technology, Lausanne, Switzerland	Bucher, Philipp	National Centre of Scientific Research 'Demokritos', Agia Paraskevi Attikis, Greece	Computational study of conserved noncoding elements (CNEs)
Stamatopoulou, Vasiliki	Greek	Swiss Federal Institute of Technology, Zurich, Switzerland	Kutay, Ulrike	National Scientific Research Fund, Charleroi- Gosselies, Belgium	Genome-wide siRNA screenings in human cell lines for the identification of genes involved in nucleolar structure, nucleolar breakdown and nucleologenesis

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Theodorakis, Konstantinos	Greek	Medical Research Council National Institute for Medical Research, London, United Kingdom	Pachnis, Vassilis	Institute of Molecular Biology and Biotechnology of the Foundation for Research and Technology, Heraklion, Greece	The role of Rac1 and 3 in interneuron development: An <i>ex vivo</i> study
Vlatakis, Ioannis	Greek	Institute for Molecular and Cell Biology, Strasbourg, France	Pascale, Romby	Institute of Molecular Biology and Biotechnology Foundation for Research and Technology, Heraklion, Greece	Biochemical characterization of plant AtERI-LIKE1
Binder, János	Hungarian	University of Copenhagen, Denmark	Jensen, Lars Juhl	European Molecular Biology Laboratory, Heidelberg, Germany	Using text-mining approach to unravel protein localizations
Fajka-Boja, Roberta	Hungarian	University of Sheffield, United Kingdom	Kiss-Tóth, Endre	Biological Research Centre, Hungarian Academy of Sciences, Szeged, Hungary	Characterisation of the molecular action of a novel proinflammatory protein, TMEM203 in murine macrophages
Király, Péter	Hungarian	Manchester Institute of Biotechnology, University of Manchester, United Kingdom	Morris, Gareth A.	Institute of Organic Chemistry, Research Centre for Natural Sciences, Budapest, Hungary	Pure shift proton NMR spectroscopy of proteins
Nyikó, Tünde	Hungarian	University of Cambridge, United Kingdom	Molnár, Attila	Agricultural Biotechnology Center, Godollo, Hungary	Defining the targeting rule of small noncoding RNAs in transcriptional gene silencing
Orbán, József	Hungarian	Laboratory of Enzymology and Structural Biochemistry, French National Center for Scientific Research, Gif- sur-Yvette, France	Carlier, Marie-France	University of Pecs, Medical School, Hungary	Biochemical analysis of repeating WH2 domain containing protein VopF in interaction with actin
Das, Uddipan	Indian	European Molecular Biology Laboratory, Hamburg, Germany	Wilmanns, Matthias	All India Institute of Medical Sciences, New Delhi, India	Structural and biophysical studies of toxin – antitoxin complex from <i>Mycobacterium tuberculosis</i>
Garg, Abhishek	Indian	University of Helsinki, Finland	Salven, Petri	University of Leuven, Belgium	Necrosis, physiological apoptosis and immunogenic apoptosis in cancer cells: Towards a comparative analysis of (lymph) angiogenesis responses and attraction patterns of immune cells
Khadilkar, Rohan	Indian	Institute of Molecular Oncology, Milan, Italy	Vaccari, Thomas	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India	Investigation of the role of asrij in endocytic modulation of Notch signaling during <i>Drosophila</i> hematopoiesis

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Muzaffar, Suhail	Indian	Joint Research Unit - Biology and Genetics of Plant-Pathogen Interactions, Montpellier, France	Tharreau, Didier	Genome Research Center, M. S. University, Baroda, India	Functional characterization of genes involved in development and pathogenesis of <i>Magnaporthe oryzae</i>
Panwar, Vandana	Indian	Biology Institute of Valrose, Nice, France	Ez-Zoubir, Amri	National Dairy Research Institute, Karnal, India	Effects of bile acids on the conversion of human white to brite/brown adipocytes
Patel, Avinash	Indian	Proteome Center Tübingen, Germany	Macek, Boris	Paterson Institute for Cancer Research, University of Manchester, United Kingdom	A phosphoproteomic interrogation of fission yeast polo kinase
Prakash, Dhan	Indian	Zaidín Research Institute, Granada, Spain	Wittich, Rolf-Michael	Institute of Microbial Technology, Chandigarh, India	Biochemical, molecular, and physiological studies on the biodegradation of chloronitroaromatic compounds
Sonawane, Avinash	Indian	Institute for Medical Microbiology and Hygiene, University of Ulm, Germany	Stenger, Steffen	School of Biotechnology, KIIT University, Bhubaneswar, India	To understand the mechanism of mycobacteria killing in macrophages by neutrophil granular proteins
Thakur, Jitendra	Indian	Wellcome Trust Centre for Cell Biology, University of Edinburgh, United Kingdom	Allshire, Robin	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India	Role of centromeric transcription in CENP-A assembly in <i>Schizosaccharomyces pombe</i> and <i>Candida albicans</i>
Tiwari, Sachin	Indian	Institute of Pathology Medical and Health Science Centre, University of Debrecen, Hungary	Hortobágyi, Tibor	King's College London, Institute of Psychiatry, United Kingdom	Investigating the role of local translation modulator dysregulation in ageing
Haeri, Azadeh	Iranian	Erasmus University Medical Center, Rotterdam, Netherlands	Koning, Gerben A.	Shaheed Beheshti Medical University, Tehran, Iran	EGFR-targeted thermosensitive nanoliposomes for specific and improved delivery to breast cancer cells
Browne, Shane	Irish	Eberhard Karls University, Tübingen, Germany	Schenke-Layland, Katja	National University of Ireland, Galway, Ireland	Testing the <i>in vivo</i> efficacy of a spatiotemporal collagen gene delivery system to reduce inflammation and promote angiogenesis following acute myocardial infarction
D'Arcy, Padraig	Irish	National Cancer Institute, Milan, Italy	Perego, Paola	Karolinska Institute, Stockholm, Sweden	Biological mechanisms in response to the proteasome de-ubiquitinase inhibitor b-AP15 in <i>Schizosaccharomyces pombe</i>
Dunican, Donncha	Irish	Albert Einstein College of Medicine, New York, United States	Grealley, John	University of Edinburgh, United Kingdom	Modification of the HELP-seq assay to map genomic hydroxymethylcytosine (hmC) in cancer

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McCarthy, Marguerita	Irish	Institute of Complex Systems, Jülich, Germany	Fahlke, Christoph	Materials and Surface Science Institute, University of Limerick, Ireland	A study of the mechanism of action of several orthologues of the NaChBac voltage-gated sodium channel including mutational studies using <i>in vivo</i> voltage clamp techniques
Sugrue, Tara	Irish	University Hospital Basel, Switzerland	Rolink, Antonius	National University of Ireland, Galway, Ireland	Investigation of the role of the DNA damage response in mediating the radio-resistance of mouse progenitor thymocytes
Ast, Tsilil	Israeli	Göttingen University Medical School, Germany	Schwappach, Blanche	Weizmann Institute of Science, Rehovot, Israel	Investigating pre-translocational quality control mechanisms of the endoplasmic reticulum utilizing yeast <i>in vitro</i> approaches
Drayman, Nir	Israeli	Harvard Medical School, Boston, United States	Lahav, Galit	Hebrew University of Jerusalem, Israel	p53 dynamics in single cells following SV40 infection
Leibman-Markus, Meirav	Israeli	University of California, Riverside, United States	Raikhel, Natasha	Tel Aviv University, Israel	Identifying proteins involved in endosomal signaling for the induction of plant immunity
Levin, Aviad	Israeli	University of Cambridge, United Kingdom	Knowles, Tuomas	Tel Aviv University, Israel	Mechanistic studies of biomolecular self-organization using microfluidic techniques
Lidzbarsky, Gabriel	Israeli	Leibniz Institute of Plant Genetics and Crop Plant Research, Gatersleben, Germany	Stein, Nils	Institute of Evolution, Haifa University Mount Carmel, Israel	Functional characterization of barley GPC-1 and GPC-2 mutants and their pleiotropic effects on senescence, grain protein, and grain mineral contents
Natan, Eviatar	Israeli	Weizmann Institute of Science, Rehovot, Israel	Schuldiner, Maya	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Co-translational assembly of homomers; evolutionary design and consequences on protein function
Ofek, Keren	Israeli	Australian Neuro-Muscular Research Institute, Perth, Australia	Wilton, Steve	Hebrew University of Jerusalem, Israel	Investigation of microRNA 132 effects on neuromuscular junction (NMJ) functioning
Shahar, Or David	Israeli	Institute of Genetics and Molecular and Cellular Biology, Strasbourg, France	Evanthia, Soutoglou	Hebrew University of Jerusalem, Israel	Chemical screen for agents that promote or impair homologous recombination
Shwartz, Yulia	Israeli	Australian Regenerative Medicine Institute, Clayton, Australia	Currie, Peter D.	Weizmann Institute of Science, Rehovot, Israel	Muscle ablation as a means to identify the contraction regime required for proper skeletal development
Sominsky, Sophia	Israeli	Thunder Bay Regional Health Sciences Research Institute, Canada	Zehbe, Ingeborg	Tel Aviv University, Israel	Elucidation of the function of the E6/E6AP complex contributing to enhancement of β -catenin/TCF transcription and the relevance of this activity for human keratinocyte differentiation and transformation

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Wolchinsky, Zohar	Israeli	Ludwig Institute for Cancer Research, University of Oxford, United Kingdom	Lu, Xin	Technion - Israel Institute of Technology, Haifa, Israel	Study the relationship between iASP and TAp63 during cardiogenesis and heart development
Zuela, Noam	Israeli	University of Zurich, Switzerland	Medalia, Ohad	Hebrew University of Jerusalem, Israel	Testing the mechanical model of human laminopathies
Annese, Valentina	Italian	Institute for Cancer Research, Oslo University Hospital, Norway	Brech, Andreas	Institute of Biomedicine of Seville, Spain	Neural stem cell migration and differentiation within the carotid body neurovascular niche
Asteriti, Italia Anna	Italian	European Molecular Biology Laboratory, Heidelberg, Germany	Pepperkok, Rainer	Institute of Molecular Biology and Pathology, Sapienza University of Rome, Italy	From cell biology to cancer therapy: A high- throughput microscopy approach to study Aurora-A inhibition in human cells
Baldanzi, Gianluca	Italian	Sir William Dunn School of Pathology, University of Oxford, United Kingdom	Acuto, Oreste	University of A. Avogadro, Novara, Italy	Proteomic analysis of DGKA regulation in lymphocytes
Barbato, Sara	Italian	Institute of Molecular Life Sciences, University of Zurich, Switzerland	Neuhauss, Stephan	Telethon Institute of Genetics and Medicine, Naples, Italy	Study of the role of miR-204 in photoreceptor cells development and function
Baruffaldi, Fiorenza	Italian	Pasteur Institute, Paris, France	Montarras, Didier	University of Modena and Reggio Emilia, Italy	Functional significance of MEF2C phosphorylation in the lineage progression of muscle satellite cells
Benatti, Paolo	Italian	University College London, United Kingdom	Hochhauser, Daniel	University of Milan, Italy	Cancer therapy targeting NF- κ B interactions with DNA
Buscaino, Alessia	Italian	Tel Aviv University, Israel	Berman, Judith	University of Edinburgh, United Kingdom	Characterising the chromatin landscape of repetitive elements in the fungal pathogen <i>Candida albicans</i>
Capriotti, Emidio	Italian	Vesalius Research Center, Leuven, Belgium	Rousseau, Frederic	University of Balearic Islands, Palma de Mallorca, Spain	Computational methods to predict the functional impact of protein variations on alpha-galactosidase and the efficacy of pharmacological chaperone therapy
Civiero, Laura	Italian	Leuven Research Institute for Neurodegenerative Disorders, Belgium	Taymans, Jean-Marc	University of Padua Italy	Investigation of the signaling pathways mediated by the Parkinson's disease Leucine-rich repeat kinase 2: Role of p21 activated kinase 6 (PAK6)
Colaiacovo, Moreno	Italian	Swiss Federal Institute of Technology, Basel, Switzerland	Stelling, Joerg	Genomics Research Centre, Firenzuola d'Arda, Italy	Computational analysis of regulatory network motifs involving transcription factors and microRNAs
Cusumano, Antonino	Italian	National Institute for Agricultural Research, Montpellier, France	Volkoff, Anne-Nathalie	University of Palermo, Italy	Effect of parasitoids maternal factors on developing insect embryos

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d'Avenia, Morena	Italian	Cardiovascular Research Institute Maastricht, Netherlands	de Windt, Leon	University of Salerno, Italy	Bag3 polymorphisms may be associated to heart failure due to stress cardiomyopathy
Dassi, Erik	Italian	University of California, Los Angeles, United States	Pellegrini, Matteo	University of Trento, Italy	CARM1 as a coupling regulator of transcription and translation
De Simone, Alfonso	Italian	University of Minnesota, Minneapolis, United States	Veglia, Gianluigi	Imperial College London, United Kingdom	A novel approach toward the determination of structure and dynamics of membrane proteins
Delogu, Alessio	Italian	Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland	Roska, Botond	King's College London, United Kingdom	Connectivity of ipRGC-targets in the non- image-forming-visual system
Di Pierro, Valentina	Italian	Cambridge Institute for Medical Research, United Kingdom	Smith, Ken G.C.	Sant'Orsola-Malpighi Hospital, Bologna, Italy	Identification of the gene responsible for an autosomal dominant form of common variable immunodeficiency
Facciotti, Federica	Italian	Yale School of Medicine, New Haven, United States	Flavell, Richard	National Institute of Molecular Genetics, Milan, Italy	<i>In vivo</i> analysis of Tr1-like cells suppressive capacity
Ferrandino, Giuseppe	Italian	European Molecular Biology Laboratory, Heidelberg, Germany	Hentze, Matthias	Biogem, Ariano Irpino, Italy	Identification of mRNAs recognized by DNAjc17 protein
Ferrario, Juan Esteban	Italian	King's College London Institute of Psychiatry, London, United Kingdom	Hanger, Diane	Institute of Pharmacological Research, Buenos Aires, Argentina	Unraveling a novel pathway involved in the development of levodopa induced dyskinesias
Francia, Sofia	Italian	Palacky University, Olomouc, Czech Republic	Bartek, Jiri	Institute for Molecular Oncology, Milan, Italy	The role of DDRNAs in DDR foci formation: A matter of initial recruitment or signal amplification?
Gallotta, Ivan	Italian	School of Chemical and Biomolecular Engineering, Georgia Institute of Technology, Atlanta, United States	Lu, Hang	Institute of Genetics and Biophysics 'Adriano Buzzati Traverso', Naples, Italy	Adaptation of a <i>C. elegans</i> model of SMA to microfluidic system for genetic and pharmacological screening
Gianni, Stefano	Italian	University of Cambridge, United Kingdom	Vendruscolo, Michele	Institute for Molecular Biology and Pathology, Rome, Italy	Does the denatured state dictate the folding of a protein? The hot and cold denaturation of frataxin by experiments and simulations
Janda, Elzbieta	Italian	School of Medicine, University of Geneva, Switzerland	Scorrano, Luca	Magna Graecia University, Catanzaro, Italy	Interplay of genetics and environment in Parkinson's disease: Paraquat and parkin in the regulation of mitochondria quality control in astrocytes

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Magri, Andrea	Italian	The National Institute for Biotechnology in the Negev, Ben Gurion University, Be'er Sheva, Israel	Shoshan-Barmatz, Varda	University of Catania, Italy	Is N-terminal domain of VDAC1 the docking site of ALS-linked SOD1 mutants?
Mannini, Benedetta	Italian	Andalusian Center for Molecular Biology and Regenerative Medicine, Seville, Spain	Pozo Pérez, David	University of Firenze, Italy	Glial immune response triggered by misfolded protein oligomers and the role of Hsp70 as immune mediator
Mariani, Luca	Italian	Curie Institute, Paris, France	Heard, Edith	Charité University, Berlin, Germany	Genome-wide analysis on the impact of topologically associating domains in gene regulation
Mezzetti, Alberto	Italian	University College London, United Kingdom	Rich, Peter R.	Institute of Biology and Technology of Saclay, Gif-sur-Yvette, France	Monitoring internal water molecule dynamics and proton transfer reactions in cytochrome c oxidase by time-resolved step-scan FTIR difference spectroscopy
Michelini, Flavia	Italian	Biozentrum, University of Basel, Switzerland	Zavolan, Mihaela	Institute for Molecular Oncology, Milan, Italy	DDR-regulating RNAs: How do they work?
Miorin, Lisa	Italian	Heidelberg University, Germany	Bartenschlager, Ralf	International Centre for Genetic Engineering and Biotechnology, Trieste, Italy	A dynamic view of flaviviral RNA trafficking within replication compartments
Osera, Cecilia	Italian	National Institute on Aging, Baltimore, United States	Gorospe, Myriam	University of Pavia, Italy	New insights on VEGF-A post-transcriptional regulation: The role of miRNAs
Osnato, Michela	Italian	Centre for Research in Agricultural Genomics, Barcelona, Spain	Pelaz, Soraya	University of Milan, Italy	Analysis of the transactivation activity of two rice RAV proteins related to <i>Arabidopsis tempranillo</i>
Ostuni, Renato	Italian	Weizmann Institute of Science, Rehovot, Israel	Amit, Ido	European Institute of Oncology, Milan, Italy	Use of iChIP to investigate the dynamic enhancer repertoire of macrophages
Ottaviano, Daniela	Italian	Claude Bernard University Lyon, France	Lemaire, Marc	Sapienza University of Rome, Italy	Oxygen signaling in yeast <i>Kluyveromyces lactis</i>
Pezzullo, Margherita	Italian	Duke-NUS Graduate Medical School Singapore	Subhash, Vasudevan	University of Milan, Italy	Mechanism of Ivermectin-mediated DENV helicase inhibition
Salvi, Mauro	Italian	Institute for Cancer Research, Oslo University Hospital, Norway	Stenmark, Harald	University of Padua, Italy	CK2 involvement in ESCRT-III functions
Santone, Melissa	Italian	Whitehead Institute for Biomedical Research, Boston, United States	Ploegh, Hidde	University of Padua, Italy	Effect of a TLR2 agonist on B cells cross-presentation ability
Silvestri, Davide	Italian	Weizmann Institute of Science, Rehovot, Israel	Bar-Ziv, Roy	University of Padua, Italy	Microfluidics-integrated grating-coupling SPR for sensitive real-time nucleic acid sensing

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Simonini, Sara	Italian	Heidelberg University, Germany	Lohmann, Jan	University of Milan, Italy	Role of BPC proteins in the maintenance of meristem size
Ventimiglia, Leandro Nicolás	Italian	Pasteur Institute, Paris, France	Alcover, Andrés	Center of Molecular Biology 'Severo Ochoa', Madrid, Spain	Role of MAL protein in HIV-1 cell-to-cell transmission
Volante, Andrea	Italian	The University of North Dakota, Fargo, United States	Kianian, Shahryar	Genomic Research Centre, Fiorenzuola d'Arda, Italy	Development of a chromosome 5A radiation hybrid panel in bread wheat <i>Triticum aestivum</i> 'Chinese Spring' to be used in the chromosome physical mapping
Zamariola, Linda	Italian	School of Biosciences, University of Birmingham, United Kingdom	Armstrong, Susan	Ghent University, Belgium	Role of Shugoshin and SYN1 in the maintenance of chromosome cohesion in <i>Arabidopsis thaliana</i> meiosis
Watanabe, Shigeki	Japanese	Charité University Medicine Berlin, Germany	Rosenmund, Christian	University of Utah, Salt Lake City, United States	Synaptic vesicle endocytosis at hippocampal synapses
Tam, Heng-Keat	Malaysian	Center for Pharmaceutical Research and Innovation, University of Kentucky, Lexington, United States	Thorson, Jon S.	Albert Ludwig University of Freiburg, Germany	Insight into structural and functional differences of O-glycosyltransferase, LanGT2 and C-glycosyltransferase LanGT2S8Ac
Rosas, Tania	Mexican	Hungarian Academy of Sciences Biological Research Centre, Szeged, Hungary	Kondorosi, Eva	Center for Genomic Sciences, Cuernavaca, Mexico	Interaction of the insect <i>Llaveia axin axin</i> with its endosymbionts
Zamudio, Rubi	Mexican	Centre for Biological Sciences, University of Southampton, United Kingdom	Fox, Keith R.	Institute for Research in Biomedicine, Barcelona, Spain	Determination of the preferred binding sites for a library of bifunctional intercalators using the footprinting technique
Kolawole, Oluwaseun	Nigerian	Wageningen University, Netherlands	Govers, Francine	Cocoa Research Institute of Nigeria, Ibadan, Nigeria	Phenotypic characterization of <i>Arabidopsis</i> lectin receptor kinases (LecRK) T-DNA insertion mutants
Coronado, Lorena	Panamanian	Institute of Photonic Technology, Jena, Germany	Deckert, Volker	Institute for Scientific Research and Technology Services, Panama	Use of tip-enhanced Raman scattering (TERS) to visualize radiated malaria hemozoin
Brozko, Nikola	Polish	University of Cambridge, United Kingdom	Harris, William A.	International Institute of Molecular and Cell Biology, Warsaw, Poland	Formation of plexiform layers in the zebrafish retina
Czerwinska, Areta Magda	Polish	Pasteur Institute, Paris, France	Tajbakhsh, Shahragim	University of Warsaw, Poland	Myogenic differentiation of mouse embryonic stem cells induced by exogenous factors
Malolepszy, Anna	Polish	Technical University Munich, Freising, Germany	Isono, Erika	Aarhus University, Denmark	Characterizing the role of the putative deubiquitinating enzyme LjAMSH1 in symbiotic nitrogen fixation

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Piwko, Pawel	Polish	University of Hohenheim, Stuttgart, Germany	Preiss, Anette	Institute of Molecular Biology and Biotechnology, Heraklion, Greece	XChIP analysis of the motifs mediating the E(spl) autoregulatory feedback loop and FISH study of an epigenetic phenomenon enhancing E(spl) expression
Rugor, Agnieszka	Polish	Albert Ludwig University of Freiburg, Germany	Graumann, Peter	Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, Krakow, Poland	Cholesterol dehydrogenase from denitrifying <i>Sterolibacterium denitrificans</i> – a novel molybdenum enzyme for biotechnological applications
Sikorski, Pawel	Polish	Wageningen University, Netherlands	Borst, Jan Willem	Institute of Genetics and Biotechnology, University of Warsaw, Poland	Analysis of composition of plant exosome complex
Stepien, Piotr	Polish	University of Manchester, United Kingdom	Johnson, Giles N.	University of Environmental and Life Sciences, Wroclaw, Poland	<i>Thellungiella halophila</i> PTOX overexpression with potential for increasing plant stress tolerance
Szczerbal, Izabela	Polish	The Weatherall Institute of Molecular Medicine, United Kingdom	Buckle, Veronica	Poznan University of Life Sciences, Poland	Chromatin organisation at the alpha-globin gene regulatory region
Torun, Anna	Polish	University of Geneva, Switzerland	Gonzalez-Gaitan, Marcos	International Institute of Molecular and Cell Biology, Warsaw, Poland	The role of Tollip, novel regulator of the canonical Wnt pathway, during zebrafish development
Urbanska, Malgorzata	Polish	University of Leuven, Belgium	van Leuven, Fred	International Institute of Molecular and Cell Biology, Warsaw, Poland	Characterization of GSK3 dependent regulation of mTOR kinase in neurons in physiology and pathology
Wojtas, Bartosz	Polish	University of Leipzig, Germany	Eszlinger, Markusz	Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology, Gliwice, Poland	Follicular thyroid carcinoma microRNA regulatory pathways description
Zurawski, Marek	Polish	University of Helsinki, Finland	Otonkoski, Timo	Polish-American Institute of Pediatrics, Jagiellonian University, Krakow, Poland	Alphavirus replicon based vectors for generation of induced pluripotent stem cells (iPSCs)
Batalha, Vânia	Portuguese	Harvard Medical School, Charlestown, United States	Sadri-Vakili, Ghazaleh	Institute of Molecular Medicine, Lisbon, Portugal	Epigenetics as the mechanism underlying adenosine A2A receptors benefits against stress
Coelho, Andreia	Portuguese	The Weatherall Institute of Molecular Medicine, United Kingdom	Higgs, Douglas R.	National Institute of Health Dr. Ricardo Jorge, Lisbon, Portugal	Enhancing ability of the mouse alpha-globin distal regulatory sites: An <i>in vitro</i> and <i>in vivo</i> approach
Cortes, Luísa	Portuguese	University of Bordeaux, France	Choquet, Daniel	Center for Neurosciences and Cell Biology, Coimbra, Portugal	Effect of the orexigenic peptide ghrelin on AMPA receptors levels at the synapse

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Costa, Helena	Portuguese	IrsiCaixa Foundation, Badalona, Spain	Bofill, Margarita	Gulbenkian Science Institute, Oeiras, Portugal	To define intracellular signaling pathways correlated with the differential differentiation of human monocytes into macrophages that are infectable versus non- infectable with HIV-1
Gonçalves, António Pedro	Portuguese	University of California, Berkeley, United States	Glass, Louise	Institute for Molecular and Cell Biology, Porto, Portugal	Transcriptomic analysis of cell death in <i>Neurospora crassa</i>
Henriques, Gisela	Portuguese	Columbia University, New York, United States	Fidock, David A.	London School of Hygiene and Tropical Medicine, United Kingdom	Functional assessment of a new candidate molecular marker for artemisinin resistance in <i>Plasmodium falciparum</i>
Khmelniskii, Anton	Portuguese	Terrence Donnelly Centre for Cellular and Biomolecular Research, University of Toronto, Canada	Boone, Charlie	Center for Molecular Biology of the University of Heidelberg, Germany	Functional profiling of the ubiquitin- proteasome system of protein degradation
Magalhães, Ana Maria	Portuguese	Umea University, Sweden	Borén, Thomas	Institute of Molecular Pathology and Immunology of the University of Porto, Portugal	How does <i>Helicobacter pylori</i> –host crosstalk combined with balanced bacterial adherence favor life-long persistence of infection?
Pereira Lopes, Selma Patrícia	Portuguese	Singapore Immunology Network, Singapore	Fairhurst, Anna-Marie	Institute for Research in Biomedicine, Barcelona, Spain	Understanding the role of Trex1 in macrophages, in systemic lupus erythematosus (SLE)
Pereira, Fátima	Portuguese	Pasteur Institute, Paris, France	Dupuy, Bruno	New University of Lisbon, Portugal	Sporulation as a virulence factor in epidemic <i>Clostridium difficile</i>
Santos, Ana Mafalda	Portuguese	University of Oxford, United Kingdom	Davis, Simon J.	Institute for Molecular and Cell Biology, Porto, Portugal	Characterization of extracellular and intracellular effectors targeting CD5 to the immunological synapse
Vale, Pedro	Portuguese	Laval University, Quebec, Canada	Moineau, Sylvain	Centre of Evolutionary and Functional Ecology, Montpellier, France	Measuring the costs of CRISPR antiviral defense and counter-defense in an experimental microbial system
Andreev, Dmitry	Russian	University College Cork, Ireland	Pavel, Baranov	Belozersky Institute of Physico-Chemical Biology, Lomonosov Moscow State University, Russian Federation	Genome wide analysis of translational control during hypoxia
Pechnikova, Evgeniya	Russian	Birkbeck College, London, United Kingdom	Orlova, Elena	Shubnikov Institute of Crystallography, Moscow, Russian Federation	Structural analysis of barley stripe mosaic virus

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Pertsovskaya, Inna	Russian	European Molecular Biology Laboratory-European Bioinformatics Institute, Hinxton, United Kingdom	Saez-Rodriguez, Julio	IDIBAPS-Hospital Clinic, Barcelona, Spain	Logic modeling of cytokine signaling networks for different immune cell subtypes combining experimental and computational approaches
Shklierova, Anna	Russian	Innsbruck Medical University, Austria	Piendl, Wolfgang	Institute of Protein Research, Russian Academy of Sciences, Pushchino, Russian Federation	Kinetic studies of interactions of ribosomal protein L10 (P0) with specific fragments of rRNA and ribosomal protein L11
Pieuchot, Laurent	Singaporean	European Molecular Biology Laboratory, Heidelberg, Germany	Antony, Claude	National University of Singapore, Singapore	Unraveling of the molecular mechanism of peroxisomal protein import by correlative light-electron microscopy
Horvath, Matej	Slovakian	Erasmus University Medical Center, Rotterdam, Netherlands	Moshkin, Yuri	University of South Bohemia, Ceske Budejovice, Czech Republic	Identifying the Sir2 protein complexes in <i>Drosophila</i> related to Notch signaling
Rabatínová, Alzbeta	Slovakian	French National Institute for Agricultural Research, Jouy-en-Josas, France	Delumeau, Olivier	Institute of Microbiology, The Academy of Sciences of the Czech Republic, Prague, Czech Republic	Regulation of gene expression in <i>Bacillus subtilis</i> by rpoE
Gorup, Crtomir	Slovenian	Medical Research Council Laboratory of Molecular Biology, Cambridge, United Kingdom	Ule, Jernej	University of Ljubljana, Slovenia	Understanding the functions of transcriptional dark matter and alternative polyadenylation with the use of iCLIP data
Maher, Katarina	Slovenian	Penn State University, College of Medicine, Hershey, United States	Grigoryev, Sergei A.	Jozef Stefan Institute, Ljubljana, Slovenia	Stefin B, inhibitor of cysteine proteinases, influences heterochromatin distribution in the nucleus
Stefanic, Polonca	Slovenian	University of California, La Jolla, United States	Dorrestein, Pieter	University of Ljubljana, Slovenia	Extracellular metabolic determinants of ecotypes, phenotypes and self identity recognition types
Cooper, Aretha	South African	Ludwig Institute for Cancer Research, University of Oxford, United Kingdom	Goding, Colin	University of Cape Town, South Africa	ChIP sequencing to identify target genes that mediate the tumour suppressor role of TBX3 in fibroblasts
Hong, Elim	South Korean	Research Center - Brain and Spinal Cord Institute, Paris, France	Wyart, Claire	Carnegie Institution for Science, Baltimore, United States	Identifying the functional targets of the habenular pathway in zebrafish larvae
Aragón Cortés, Isabel María	Spanish	Imperial College London, United Kingdom	Filloux, Alain	University of Malaga, Spain	Functional analysis of a novel <i>Pseudomonas</i> -specific diguanylate cyclase (DgcP) in <i>Pseudomonas aeruginosa</i>
Aranjuelo, Iker	Spanish	University of Caen, France	Avicé, Jean C.	University of Navarra, Mutilva Baja, Spain	Omic characterization in a climate change context

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Arnal Bordetas, Carmen	Spanish	Institute of Pharmacology and Structural Biology, Toulouse, France	Neyrolles, Olivier	University of Zaragoza, Spain	A new generation of phop-based vaccines against tuberculosis: Study of the intracellular trafficking
Barbazán García, Jorge	Spanish	Curie Institute, Paris, France	Matic Vignjevic, Danijela	University Clinical Hospital, Santiago de Compostela, Spain	Microscopy-based analysis of the role of Talin1 in cancer cell adhesion and transendothelial migration
Benlloch, Reyes	Spanish	Umea University, Sweden	Bakó, László	Center for Research in Agricultural Genomics, Barcelona, Spain	Sumoylation as a regulatory mechanism of CRYPTOCHROME 2 function
Calabria Torres, Ines	Spanish	Max F. Perutz Laboratories, Medical University of Vienna, Austria	Ogris, Egon	Catalan Institute of Oncology, Barcelona, Spain	Direct detection of short-lived enzyme-substrate interactions: PP2ACdc55-Net1 interaction during mitotic exit
Carmona, Rita	Spanish	University of Edinburgh, United Kingdom	Hastie, Nicholas D.	University of Malaga, Spain	Tracing the Wt1-expressing cell lineage in the developing heart
Castaña Cerezo, Sara	Spanish	Utrecht University, Netherlands	Heck, Albert J. R.	University of Murcia, Spain	Exploring the dynamics of the acetylome of <i>Escherichia coli</i> with cellular metabolic state
Comino, Isabel	Spanish	Imperial College London, United Kingdom	Ordiz, David Bernardo	University of Seville, Spain	Characterization coeliac immunological response in dendritic and T cell exposed to oat varieties with different immunotoxicity
D'Altri, Teresa	Spanish	Dana-Farber Cancer Institute, Boston, United States	Blacklow, Stephen	Hospital del Mar, Barcelona, Spain	Notch1 and B-catenin crosstalk in T-cell acute lymphoblastic leukemia
De Leon, Nagore	Spanish	University of Miami, United States	Lemmon, Sandra K.	Institute of Functional Biology and Genomics, Salamanca, Spain	Structure-function analysis of clathrin heavy chain trimerization in yeast: Role of clathrin light chain
de Miguel Samaniego, Diego	Spanish	Imperial College London, United Kingdom	Walczak, Henning	University of Zaragoza, Spain	Highly bioactive versions of Apo2l/TRAIL for cancer treatment
del Puerto del Pino, Ana	Spanish	University of Oslo, Norway	Storm, Johan F.	Cajal Institute, Madrid, Spain	Study of the involvement of purines and purinergic receptors in the regulation of axon initial segment plasticity and action potential modulation
Etzaniz, Usue	Spanish	Georgia Tech Research Institute, Smyrna, United States	Stenn, Kurt	Biodonostia Institute, San Sebastian, Spain	Functional characterization of human tissue-resident neural precursor cells (NPCs) <i>in vivo</i>
Fachal, Laura	Spanish	Centre for Cancer Genetic Epidemiology, University of Cambridge, United Kingdom	Dunning, Alison M.	Galician Public Foundation for Genomic Medicine, Santiago de Compostela, Spain	Replication of the significant associated SNPs from the RAPPER study
Fernández Calvo, Patricia	Spanish	Flanders Interuniversity Institute for Biotechnology, Ghent, Belgium	Goossens, Alain	National Center of Biotechnology, Spanish Research Council, Madrid, Spain	Genome-wide monitoring of chromatin modifications following jasmonate perception in the model plant <i>Arabidopsis thaliana</i>

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Fernandez Dueñas, Victor	Spanish	Institute of Functional Genomics, Montpellier, France	Durroux, Thierry	University of Barcelona, Spain	Quantification of striatal D2R/A2AR oligomeric complexes of control and parkinsonian mice
Fernandez Nohales, Pedro	Spanish	Ohio State University, Columbus, United States	Grotewold, Erich	Center for Research in Agricultural Genomics, Barcelona, Spain	Identification of proteins interacting with the maize lignin repressors ZmMYB11, ZmMYB31 and ZmMYB42
Frias, Marcos Jose	Spanish	The Sainsbury Laboratory, Norwich, United Kingdom	Zipfel, Cyril	University of La Laguna, Spain	Identification of the receptor for the fungal PAMP BcSpl1 in <i>Arabidopsis thaliana</i>
Galdeano-Cantador, Carles	Spanish	University of Cambridge, United Kingdom	Ciulli, Alessio	University of Barcelona, Spain	Small molecule targeted protein degradation <i>via</i> recruitment of engineered VHL-E3 ubiquitin ligases
Garate, Zita	Spanish	University of Texas, Houston, United States	Davis, Brian R.	Energy, Environmental and Technological Research Centre, Madrid, Spain	Genetic correction of pyruvate kinase deficiency induced pluripotent stem cells (iPSCs) by meganuclease assisted homologous recombination
García Caballero, Melissa	Spanish	Laboratory of Tumor and Developmental Biology, Liege, Belgium	Nôel, Agnès	University of Malaga, Spain	Mouse and rat aortic ring assay and lymphangiogenesis studies
González García, Maria de la Paz	Spanish	Texas A&M University, College Station, United States	Shippen, Dorothy E.	Center for Research in Agricultural Genomics, Barcelona, Spain	Analysis of telomere size with tissue resolution in <i>Arabidopsis thaliana</i>
González González, Luis	Spanish	Institute of Biophysics, Goethe University, Frankfurt, Germany	Frangakis, Achilleas	Institute of Biotechnology and Biomedicine, Barcelona, Spain	Electron cryotomography and 3D reconstruction of the terminal organelle of <i>Mycoplasma genitalium</i>
Gonzalez Lopez, Adrian	Spanish	St Michael's Hospital, University of Toronto, Canada	dos Santos, Claudia C.	University of Oviedo, Spain	Stem cell transplantation in a immune thrombocytopenia model of ventilator induced lung injury
Grau Campistany, Ariadna	Spanish	Karlsruhe Institute of Technology, Institute of Biological Interfaces, Germany	Ulrich, Anne S.	University of Barcelona, Spain	Structural elucidation of the interaction of model antimicrobial peptides with lipid membranes by solid-state NMR (ssNMR)
Guarino Almeida, Estrella	Spanish	Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany	Tolic-Norrelykke, Iva	University of Oxford, United Kingdom	Using laser ablation to study recruitment of repair factors to sites of DNA damage
Huergo Zapico, Leticia	Spanish	National Cancer Research Institute of Genoa, Italy	Mingari, Maria Cristina	University of Oviedo, Spain	Immune evasion and immune response against melanoma cells during epithelial-mesenchymal transition
Llorente-Berzal, Álvaro	Spanish	Max Planck Institute of Psychiatry, Munich, Germany	Wotjak, Carsten	University of Madrid, Spain	Role of the cannabinoid receptor type 2 (CB2) in development and maintenance of PTSD-like symptoms in mice

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
López Panadés, Elisenda	Spanish	Princeton University, United States	Gavis, Elizabeth R.	Institute of Evolutionary Biology, Barcelona, Spain	Study of the functionality of the interaction of Lost and Tral proteins with the telomere ribonucleoprotein, composed of mRNAs and proteins of the telomeric retrotransposons, and its consequences for the correct development of <i>Drosophila melanogaster</i>
Luengo Platero, Aida	Spanish	Institute of Physiology, Ludwig Maximilian University, Munich, Germany	Berninger, Benedikt	Institute of Biomedicine of Seville, University Hospital Virgen del Rocío, Spain	Studies of cellular division and lineage progression in carotid body stem cells
Macia Ortega, Angela	Spanish	University of California, San Diego, United States	Muotri, Alysson R.	Centre for Genomics and Oncological Research, Granada, Spain	Characterization of LINE-1 activity in somatic neural stem cells
Malet Engra, Gema	Spanish	Institute of Molecular Oncology, Milan, Italy	Scita, Giorgio	University of Toulouse, France	Collective chemotaxis of B-cell lymphoma cells
Martínez Burgo, Yolanda	Spanish	Albert Ludwig University of Freiburg, Germany	Bechthold, Andreas	University of Leon, Spain	<i>Streptomyces clavuligerus</i> ΔphoP: A new success of I-SceI endonuclease tool
Matheu, Ander	Spanish	University College London, United Kingdom	Pollard, Steven	Biodonostia Institute, San Sebastian, Spain	Role of SOX9 in glioma stem cells
Miar Cuervo, Ana Belen	Spanish	The Weatherall Institute of Molecular Medicine, United Kingdom	Harris, Adrian	University of Oviedo, Spain	miR-17-92 cluster and its implication in MnSOD/SOD2 regulation during prostate tumor progression
Millán Zambrano, Gonzalo	Spanish	University of California, Los Angeles, United States	Carey, Michael	University of Seville, Spain	<i>In vitro</i> study of a new role of prefoldin in transcription elongation
Moreno, Miguel	Spanish	Vesalius Research Center, Leuven, Belgium	Robberecht, Wim	University of Madrid, Spain	Endocannabinoid system in a zebrafish ALS model
Nogues, Laura	Spanish	Curie Institute, Paris, France	Chavrier, Philippe	Center of Molecular Biology 'Severo Ochoa', Madrid, Spain	Role of GRK2 in invasive migration of breast tumor cells: Possible interplay between GRK2 and HDAC6 deacetylase in the regulation of invadopodia formation and function
Paco Mercader, Sonia	Spanish	The Royal Veterinary College, London, United Kingdom	Brown, Susan C.	Foundation Sant Joan de Déu, Barcelona, Spain	Extracellular matrix and basal lamina remodelling in congenital muscular dystrophy
Peraíta, Milena	Spanish	Imperial College London, United Kingdom	Terracciano, Cesare M. N.	Institute of Biomedical Research Alberto Sols, Madrid, Spain	Functional validation of the pathogenicity of sarcomeric gene mutations associated with hypertrophic cardiomyopathy
Perez Martinez, Isabel	Spanish	University of Lausanne, Switzerland	Lapouge, Karine	Andalusian Centre for Developmental Biology, Seville, Spain	Functional characterization of the sensor element of the CbrA/CbrB two component system; comparative analysis between <i>P. putida</i> KT2442 and <i>P. aeruginosa</i> PAO1

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Pradillo, Mónica	Spanish	Medical Research Council Clinical Sciences Centre, Imperial College London, United Kingdom	Martínez-Pérez, Enrique	University of Madrid, Spain	Learning essential techniques for analysing a <i>Caenorhabditis elegans</i> meiotic mutant
Quintana Cabrera, Rubén	Spanish	University of Geneva, Switzerland	Scorrano, Luca	University of Salamanca, Spain	Role of mitochondrial oxidative stress linking mitochondrial dynamics and autophagy regulation
Ramirez Peinado, Silvia	Spanish	Royal College of Surgeons in Ireland, Dublin, Ireland	Prehn, Jochen	Bellvitge Institute for Biomedical Research, Barcelona, Spain	Neuronal cell death during ischemia: Role of pro-autophagic proteins and of the pro-apoptotic BH3-only protein Noxa in apoptosis or autophagic cell death
Rey Burusco, María Florencia	Spanish	Institute of Molecular, Cell and Systems Biology, Glasgow, United Kingdom	Smith, Brian O.	Biochemistry Research Institute of La Plata, Argentina	Final structure refinement and functional analysis of Na-FAR-1
Reyes-Darias, Jose Antonio	Spanish	German Cancer Research Center, Heidelberg, Germany	Sourjik, Victor	Zaidín Research Institute, Granada, Spain	Quantification of the chemotactic response to aromatic pollutants and amino acids using receptor chimeras: Towards the optimization of pollutant biodegradation by chemotactic engineering
Rodríguez Curt, Jesús	Spanish	Developmental Biology Institute of Marseille- Luminy, France	Graba, Yacine	Center of Molecular Biology 'Severo Ochoa', Madrid, Spain	Analysis of the interactions between the Hox gene abdominal-B and the extradenticle cofactor in the <i>Drosophila</i> abdomen
Rodríguez, Patricia	Spanish	The Beatson Institute for Cancer Research, Glasgow, United Kingdom	Vousden, Karen	University of Salamanca, Spain	Neuronal metabolic regulation and neurodegeneration
Rosas Diaz, Tabata	Spanish	John Innes Centre, Norwich, United Kingdom	Hogenhout, Saskia A.	University of Malaga, Spain	Study of the effect of geminivirus C2 protein over the viral insect vector <i>Bemisia tabaci</i>
Ruiz-Villalba, Adrian	Spanish	Academic Medical Center, Amsterdam, Netherlands	van den Hoff, Maurice	University of Malaga, Spain	Wnt signaling regulates embryonic epicardium cell fate
Ruiz, Cristina	Spanish	Erasmus University Medical Center, Rotterdam, Netherlands	Dzierzak, Elaine	Hospital del Mar, Barcelona, Spain	Study of the activity of Notch and Wnt in the rare population of HSCs and precursors in the AGM by whole-mount preparations and life imaging
Sacristan, Carlos	Spanish	Max Planck Institute of Biochemistry, Martinsried, Germany	Wedlich-Soldner, Roland	Institute of Functional Biology and Genomics, Salamanca, Spain	Membrane organization of polarized regions in <i>Saccharomyces cerevisiae</i> and characterization of the behaviour of Chs3 in the plasma membrane
Sagredo, Sandra	Spanish	Technical University Munich, Garching Germany	Simmel, Friedrich C.	University of Cantabria, Santander, Spain	Utilization of relaxase proteins for nanoassembly on DNA origami structures
Saiz, Patricia	Spanish	Stem-cell and Brain Research Institute, Bron cedex, France	Pain, Bertrand	University of Cantabria, Santander, Spain	Derivation of chick embryonic stem cells from early pre-oviposition blastoderms

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Salvador Gómez, Fernando	Spanish	University of California, San Francisco, United States	Weaver, Valerie M.	University of Madrid, Spain	<i>In vivo</i> study of extracellular role of Lysyl oxidase like-2 (LOXL2) in breast tumour progression
Sanchez Fernandez, Guzman	Spanish	University of Montreal, Canada	Michnick, Stephen	Center of Molecular Biology 'Severo Ochoa', Madrid, Spain	A protein complementation approach to the study of the Galphaq/PKCzeta complex
Serra-Vidal, Bernat	Spanish	Swiss Federal Institute of Technology, Zurich, Switzerland	Riek, Roland	Institute for Research in Biomedicine, Barcelona, Spain	Structural characterization of Abeta oligomers associated with Alzheimer's disease
Subtil-Rodriguez, Alicia	Spanish	Institute for Computational Biomedicine, Weill Cornell Medical College, New York, United States	Elemento, Olivier	Andalusian Molecular Biology and Regenerative Medicine Centre, Seville, Spain	Study of genome-wide distribution of CHD8 in general transcription and transcription mediated by steroid hormones
Torruella, Guifré	Spanish	Dalhousie University, Halifax, Canada	Roger, Andrew J.	Institute of Evolutionary Biology, Barcelona, Spain	A taxon-wide phylogenomic analysis of the opisthokonta
Vazquez-Carretero, Maria Dolores	Spanish	Institute of Ophthalmology, University College London, United Kingdom	Balda, Maria S	University of Seville, Spain	Dab1 and Dab2 proteins in the homeostasis of intercellular junction proteins
Perera, Shiromi	Sri Lankan	The Weatherall Institute of Molecular Medicine, John Radcliffe Hospital, Oxford, United Kingdom	Weatherall, David	University of Kelniya, Ragama, Sri Lanka	Molecular characterization of thalassaemia intermedia in Sri Lanka
Lackmann, Fredrik	Swedish	University of Edinburgh, United Kingdom	Granneman, Sander	Stockholm University, Sweden	Influence of Mrd1 on the structure of eukaryotic pre-ribosomal RNA
Pränting, Maria	Swedish	Bernhard Nocht Institute for Tropical Medicine, Hamburg, Germany	Hagedorn, Monica	Swedish University of Agricultural Sciences, Uppsala, Sweden	The role of small non-coding RNAs during bacterial infections of eukaryotic host cells
Buser, Raymond	Swiss	Paterson Institute for Cancer Research, University of Manchester, United Kingdom	Labib, Karim	Swiss Federal Institute of Technology, Zurich, Switzerland	The role of the Rtt101/Cul4-based E3 ligase at stalled replication forks
Mattle, Daniel	Swiss	The Broad Center for the Biological Sciences, Howard Hughes Medical Institute, Pasadena, United States	Rees, Douglas C.	Aarhus University, Denmark	Structural and biochemical investigation of a copper PIB-type ATPase
Tittel-Elmer, Mireille	Swiss	Institute of Human Genetics, Montpellier, France	Pasero, Philippe	University of Calgary, Canada	Investigating the role of the MRX and the cohesin complexes during DNA replication stress

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
Chang, Bo-Jui	Taiwanese	Institute of Cell Biology and Neuroscience, Goethe University, Frankfurt, Germany	Stelzer, Ernst	National Science Council, Taipei, Taiwan	Development of coherent structured illumination light sheet fluorescence microscope
Elfekih, Samia	Tunisian	University of Hawaii, Honolulu, United States	Haymer, David	Imperial College London, Natural History Museum London, United Kingdom	Comparative transcriptomics of five major invasive agricultural fruit fly insect pests
Mihoub, Mouadh	Tunisian	Jacques Monod Institute, Paris, France	Richarme, Gilbert	Laboratory of Biochemistry and Molecular Biology, Bizerte, Tunisia	Transcriptomic and metabolic effects of static magnetic field on <i>E. coli</i>
Aydogan, Zeliha	Turkish	University of Sussex, Brighton, United Kingdom	Caldecott, Keith W.	Institute of Natural and Applied Sciences, Hacettepe University, Ankara, Turkey	Effects of new benzazole derivatives on DNA strand break formation and repair
Deniz, Emre	Turkish	Institute of Immunology, Medical University of Vienna, Austria	Ellmeier, Wilfried	Sabanci University, Istanbul, Turkey	Regulation of p53 function by the transcription factor PATZ1/MAZR
Kuzu, Guray	Turkish	University of California, San Francisco, United States	Kortemme, Tanja	Koc University, Istanbul, Turkey	Iterative flexible design for PDZ domain-peptide interactions
Orhon, Idil	Turkish	Marion Bessin Liver Research Center, Albert Einstein College of Medicine, New York, United States	Cuervo, Ana Maria	Pierre-and-Marie-Curie University, Paris, France	Primary cilia modulate autophagy through the hedgehog signaling pathway
Ozgen, Hande	Turkish	Ludwig Maximilian University, Munich, Germany	Lamb, Don C.	University Medical Center Groningen, Netherlands	The role of galactosphingolipid composition in myelin protein dynamics
Tuna, Gamze	Turkish	National Institute of Standards and Technology, Gaithersburg, United States	Dizdaroglu, Miral	Dokuz Eylul University, Izmir, Turkey	Investigating oxidatively induced DNA damage and DNA repair in carcinogenesis
Palchevska, Oksana	Ukrainian	Max Planck Institute for Heart and Lung Research, Bad Nauheim, Germany	Braun, Thomas	Institute of Molecular Biology and Genetics of National Academy of Sciences of Ukraine, Kyiv, Ukraine	Signaling function of β -catenin in heart hypertrophy development
Tyutyunnykova, Anna	Ukrainian	University College London, United Kingdom	Katan, Matilda	Institute of Molecular Biology and Genetics of National Academy of Sciences of Ukraine, Kyiv, Ukraine	The role of phospholipase C epsilon in development of Ph ⁺ -positive leukemia

EMBO Short-Term Fellowships awarded in 2012

Name	Nationality	Host laboratory	Group leader	Home laboratory	Project
DuBuc, Timothy	US-American	Swammerdam Institute for Life Sciences, University of Amsterdam, Netherlands	Postma, Marten	Kewalo Marine Laboratory, University of Hawaii, Honolulu, United States	Analysis of cell adhesion proteins and their role in establishing germ layers during embryonic and adult development
Erezyilmaz, Deniz	US-American	Institute of Population Genetics, University of Veterinary Medicine Vienna, Austria	Schloetterer, Christian	State University of New York, Stony Brook, United States	Development of pool-seq methods to identify loci that underlie adaptive evolution in <i>Drosophila</i>
Finci, Lorenzo	US-American	European Molecular Biology Laboratory, Hamburg, Germany	Meijers, Rob	Peking University School of Life Sciences, Beijing, China	Elucidation of the structural determinants underlying netrin signaling
Kim, Joomi	US-American	Ghent University, Belgium	De Veylder, Lieven	Institute of Marine and Coastal Sciences, Rutgers University, New Brunswick, United States	Connecting cell cycle regulators and metabolism in the marine diatom <i>Phaeodactylum tricornutum</i>
Vartanian, Armand	US-American	Imperial College London, United Kingdom	Drew, David	University of California, Los Angeles, United States	Expression and crystallization of mammalian SGLT co-transporters

EMBO Short-Term Fellowships 2012: 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	1						1								2			2	1	1	1	1	11
Belgium																2				1				4			2			1	4	12
Croatia																															0	
Czech Republic			1													1								2								4
Denmark			4							1						1								1							3	10
Estonia																1															1	
Finland			1							1		2				1				1								1	2		1	10
France			1		1				1	4	1	1			1	9				2	2			10		2		1	3	4	9	52
Germany		1	1	1	3	1			4		4			3	2	4		1		4				21	2		1	6	2	3	21	85
Greece		1																											1	1	3	
Hungary				1																								1	1		1	4
Iceland																															0	
Ireland										1														1					1			3
Israel										3						3								1				2			1	10
Italy									2		2				2									1	2		1	1	1		6	18
Luxembourg																															0	
Netherlands					1			1	3	3						2				1				4		1	1			2	7	26
Norway		1				1				2						1				1				2		1		1				10
Poland																															0	
Portugal		1																										1	1			3
Slovak Republic																															0	
Slovenia																															1	
Spain			1						1	2	1					4		2		1	3		1				1	3		1	11	32
Sweden								1										1		1	1			4		1					6	15
Switzerland		1	2		1				2	3	1			1	1	6				1				4				2		2	3	30
Turkey																														1	1	
UK			1			1		1	2	1	3	4		2	2	9		6		5	2		1	25	2	3	3		4	1	15	93
EMBL									1							2		1						2	1						6	13
Eastern Europe																															0	
USA/Canada		2	3		1	2			8	13		2		1	7	12		7	1		7		2	29	1		5	15				118
Others					1	1			1	1					2	2		2		1				3	1			5				20
Total		7	15	2	8	6	0	3	26	36	12	9	0	7	17	61	0	20	1	20	15	0	4	116	9	5	16	40	17	16	97	585

* "From" refers to home laboratory (see list on pages 53–78)

EMBO Short-Term Fellowships 2012: 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									1	1						1								1			1		1	1		7
Belgium																1				1				4						1	1	8
Croatia																																0
Czech Republic																1																1
Denmark			3							1																					1	5
Estonia																																0
Finland			1									1								1											1	4
France			1		1					3	1	1			1	3				1	2			9						4	4	31
Germany	1			2	1			2			3			2	2	2		1		2				9	2			4	1	1	7	42
Greece	1																															1
Hungary																											1				1	2
Iceland																																0
Ireland																								1				1				2
Israel									2							3												2			1	8
Italy								1																1	1		1				1	5
Luxembourg																																0
Netherlands				1				2								1				1				3						1	3	12
Norway									2							1								2								5
Poland																																0
Portugal																																0
Slovak Republic																																0
Slovenia																																0
Spain			1						1	1						2		1			1									1	1	9
Sweden																					1			1								3
Switzerland			2		1				2	2	1			1	1	4				1				4				2		1	1	23
Turkey																																0
UK			1			1		1	2		3	3			2	4		3		3	2		1	17	1	2	1		2	1	7	57
EMBL								1								2								1							4	8
Eastern Europe																																0
USA/Canada			2		1	1			7	10					4	7		6			2		2	15			2	13				72
Others										1					2	1		1						1				1				7
Total		2	11	0	6	3	0	1	19	23	8	5	0	3	12	33	0	13	0	10	8	0	3	69	4	2	4	24	5	11	33	312

* "From" refers to home laboratory (see list on pages 53–78)

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 2012, the first 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 2012

Name	Nationality	Institute	Research interest	Country
Claus Maria Azzalin	Italian	ETH Zürich	Non-coding nuclear RNAs	Switzerland
Renata Basto	Portuguese	Institut Curie	Centrosomes in development and disease	France
Andrew Carter	British	MRC Laboratory of Molecular Biology	Structure and mechanism of dynein	United Kingdom
Sonia Garel	French	École Normale Supérieure	Forebrain morphogenesis and wiring	France
George Garinis	Greek	Institute of Molecular Biology and Biotechnology (IMBB - FORTH)	DNA repair in development and disease	Greece
Ilona Grunwald-Kadow	German	Max Planck Institute of Neurobiology	Neural basis for olfaction in insects	Germany
Jacob Hanna	Israeli	Weizmann Institute	Epigenetic reprogramming	Israel
Eva Hoffmann	Danish	University of Sussex	Chromosome segregation mechanisms in meiosis	United Kingdom
Jacqueline Jacobs	Dutch	Netherlands Cancer Institute	Chromosome end protection by telomeres	Netherlands
Gregory Jefferis	British	MRC Laboratory of Molecular Biology	Olfactory perception in the fruit fly	United Kingdom
David Keays	Australian	The Research Institute of Molecular Pathology (IMP)	Molecular and cellular basis of magnetoreception	Austria
Massimo Lopes	Italian	University of Zurich	DNA replication stress	Switzerland
Guillermina López-Bendito	Spanish	Institute of Neuroscience, CSIC	Cellular & molecular mechanisms of brain wiring	Spain
Bruno Reversade	French	Institute of Medical Biology (IMB), A*STAR	Genetics of identical twinning	Singapore
Ron Milo	Israeli	Weizmann Institute	Synthetic metabolic pathways for carbon fixation	Israel
Thomas Richards	British	Natural History Museum	Evolution of endosymbiosis	United Kingdom
Rickard Sandberg	Swedish	Karolinska Institute	Single-cell transcriptomics	Sweden
Melina Schuh	German	MRC Laboratory of Molecular Biology	Meiosis in mammalian oocytes	United Kingdom
Evanthia Soutoglou	Greek	Institute of Genetics and Molecular and Cellular Biology (IGBMC)	Nuclear architecture in DNA repair	France
Alexander Stark	German	Research Institute of Molecular Pathology (IMP)	Decoding regulatory sequences	Austria
Itai Yanai	Israeli	Technion-Israel Institute of Technology	Evolution of developmental gene pathways	Israel
Raz Zarivach	Israeli	Ben-Gurion University of the Negev	Structure - function of magnetosome associated proteins	Israel

EMBO Young Investigators 2000 – 2011

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

EMBO Young Investigators: statistics

Applications and awards 2003–2012

Country	2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.	Appl.	Aw.
Austria	0	0	3	1	3	1	3	0	2	1	1	0	2	0	1	0	0	0	2	2
Belgium	2	1	1	0	3	0	6	2	6	1	2	0	6	1	3	1	3	0	3	0
Croatia	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Czech Republic	14	0	4	0	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0
Denmark	2	2	0	0	1	0	3	0	2	0	1	0	0	0	2	0	5	1	1	0
Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Finland	3	0	9	0	2	0	5	2	8	0	2	0	2	0	1	0	2	0	4	0
France	26	2	17	3	14	2	16	4	8	3	11	1	11	0	12	0	23	4	21	3
Germany	15	3	30	3	23	4	27	2	19	3	21	1	17	2	22	7	19	3	16	1
Greece	3	0	4	1	6	0	4	0	4	0	2	0	2	0	2	0	1	0	1	1
Hungary	7	1	5	0	1	0	3	0	0	0	3	0	1	0	0	0	0	0	1	0
Iceland	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0
Ireland	0	0	3	1	1	0	2	0	0	0	0	0	1	0	2	0	2	0	1	0
Israel	5	1	5	0	3	1	5	1	2	1	4	0	6	1	7	1	4	1	10	4
Italy	11	1	14	0	14	1	11	3	9	1	4	0	15	1	12	1	11	0	8	0
Luxembourg									0	0	0	0	0	0	0	0	0	0	0	0
The Netherlands	4	0	3	1	5	1	8	0	5	1	7	0	7	1	7	1	6	1	13	1
Norway	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
Poland	6	0	8	1	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Portugal	2	1	3	0	4	0	2	0	1	0	1	0	2	1	5	1	3	0	3	0
Slovak Republic									0	0	0	0	0	0	0	0	1	0	0	0
Slovenia	0	0	1	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Spain	26	2	21	1	17	1	16	0	18	3	12	1	8	0	14	3	27	0	23	1
Sweden	7	1	8	0	3	1	10	0	14	1	3	0	3	1	4	0	8	1	7	1
Switzerland	5	1	8	1	8	3	5	2	4	0	5	2	11	6	11	1	11	3	10	2
Turkey	2	0	1	0	0	0	0	0	2	0	3	0	1	0	0	0	1	0	4	0
United Kingdom	21	5	20	7	13	2	22	5	26	3	32	7	24	3	32	5	34	8	22	5
Singapore																			4	1
Others	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Total	163	21	172	20	128	17	153	21	131	18	116	12	123	17	137	21	164	22	160	22
Female	47	7	39	4	32	2	32	6	37	3	32	2	34	4	39	3	57	8	57	8
Male	116	14	133	16	96	15	121	15	94	15	84	10	89	13	98	18	107	14	103	14

EMBO Young Investigators: Statistics
General statistics for all young investigators
(at time of application) 2000–2012

	Average
Age	35.6
Post-doctoral years	4.6
Total number of publications	22.6
Last-author publications	4.1
First-author publications	9.5

Pre- and/or post-doctorate spent in USA

	No.	% of total
USA	166	60

Post-doctoral fellowships received from international agencies

	No.	% of total
EMBO	96	33
HFSP	78	27
EU TMR	28	10

EMBO Young Investigator Lectures 2012

Young Investigator	Conference	Location	Date
M. Madan Babu	Biomolecular Interactions and Methods	US – Galveston TX	15 – 20 January
Bruno Silva-Santos	Keystone Symposia Th17 Cells in Health and Disease	US – Keystone CO	5 – 10 February
Marc Bühler	Keystone Symposia Gene Silencing by Small RNAs	CA – Vancouver BC	7 – 12 February
Almut Schulze	Cancer and Metabolism	CA – Banff AB	12 – 17 February
Erik Sahai	28th International Association of Breast Cancer Research/ Breakthrough Breast Cancer Conference	UK – Manchester	15 – 18 April
Madalena Tarsounas	Maintenance of Genome Stability	BS – Nassau, Bahamas	5 – 8 March
Duncan Odom Monica Bettencourt-Dias	Joint Meeting of the British Societies for Cell Biology, Developmental Biology and the Japanese Society for Developmental Biologists 2012	UK – Warwick	15 – 18 April
Maria-Elena Torres-Padilla	Chromatin Structure & Function	IT – Lucca (Barga)	6 – 11 May
Matthias Selbach	Keystone Symposia Proteomics, Interactomes	SE – Stockholm	7 – 12 May
Oscar Fernandez-Capetillo Madalena Tarsounas	Recombination mechanisms and genome instability	ES – Jerez de la Frontera	21 – 25 May
Cédric Blanpain	Cellular Signaling and Molecular Medicine	HR – Cavtat-Dubrovnik	25 – 29 May
Taija Makinen	17th International Vascular Biology Meeting	DE – Wiesbaden	2 – 5 June
Adele Marston,	2012 Meiosis Gordon Research Conference	US – New London NH	3 – 8 June
Frank Schnorrer	Frontiers in Myogenesis Development, Function and Repair of the Muscle Cell	US – New York NY	4 – 8 June
Marc Bühler	1st International Curie Course Non-coding genome	FR – Paris	4 – 8 June
Marc Bühler	EMBO Conference Gender Transcription in Yeast	ES – San Feliu de Guíxols, Girona	16 – 21 June
Richard Benton	ISOT XVI	SE – Stockholm	23 – 27 June
Beatriz Rico	EMBO Workshop Cortical Interneurons in Health and Disease	ES – Palma de Mallorca	24 – 27 June
Frank Schnorrer Irene Miguel-Aliaga Benjamin Prud'homme Aurelio Teleman, Barry Thompson	The Molecular and Developmental Biology of <i>Drosophila</i>	GR – Kolymbari, Crete (Greece)	24 – 30 June
Cédric Blanpain	Stem Cells in Cancer 2nd Annual Cambridge Stem Cell International Symposium	UK – Cambridge	9 – 11 July

EMBO Young Investigator Lectures 2012

Young Investigator	Conference	Location	Date
Stephan Grill	4th Conference of the European Society for Evolutionary Developmental Biology	PT – Lisbon	10 – 13 July
Robert Klose	Biological Methylation: From DNA and Histones to Disease	US – Snowmass Village	12 – 17 August
Ben Lehner	12th FEBS Young Scientists Forum	ES – Seville	1 – 4 September
Sebastian Jessberger	22nd IUBMB, 37th FEBS and 35th SEBBM meetings	ES – Seville	4 – 9 September
Erik Sahai	Workshop on Dynamics of Cell Signal Systems	NO – Oslo	27 – 30 September
Adele Marston	EMBO Workshop Structure, Function and Regulation of Centromeres and Kinetochores	ES – Barcelona	1 – 5 October
Simona Polo	15th Asia Pacific International Molecular Biology Network (A-IMBN) Annual Conference	CN – Shanghai	22 – 24 October
Mark Petronczki	2nd Annual Meeting of the Nordic Mitosis Research Network	FI – Turku	15 – 16 November
Markus Ralser	Genes and Cancer	UK – Warwick	10 – 12 December

EMBO Installation Grants

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

yip@embo.org

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

Gerlind Wallon
Programme Manager

EMBO Installation Grant Recipients 2012

Name	Nationality	Moving from	Moving to	Research interest
Can Alkan	Turkish	University of Washington, Seattle, USA	Bilkent University, Ankara, TR	Computational methods to analyze genetic variation
Deniz Atasoy	Turkish	HHMI Janelia Farm Research Campus, Ashburn, USA	Yeditepe University, Istanbul, TR	Neuronal activity and behaviour
Sandra Fonseca	Portuguese	Spanish National Centre for Biotechnology (CNB), Madrid, ES	ITQB-Instituto de Tecnologia Quimica e Biologica, Oeiras (Lisbon), PT	Regulatory mechanisms of the plant hormone jasmonic acid
Reto Gassmann	Swiss	Ludwig Institute for Cancer Research, San Diego, USA	Institute for Molecular and Cell Biology, Porto, PT	Dynein regulation
Ivar Ilves	Estonian	University of California, Berkeley, USA	University of Tartu, EE	CMG helicase complex in DNA damage response
Michał Komorowski	Polish	Imperial College London, UK	Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, PL	Optimizing experimental protocols with microfluidic devices
Tamer Önder	Turkish	Children's Hospital Boston, USA	Koc University School of Medicine, Istanbul, TR	Histone methylation in somatic cell reprogramming
Kerem Pekkan	Turkish	Carnegie Mellon University, Pittsburgh, USA	Koc University, Istanbul, TR	Biomechanics in embryonic cardiovascular development
Erdal Toprak	Turkish	Harvard Medical School, Boston, USA	Sabanci University, Istanbul, TR	Evolution of antibiotic resistance
Lukáš Trantířek,	Czech	Utrecht University, NL	Central European Institute of Technology, Masaryk University, Brno, CZ	<i>In vivo</i> NMR of nucleic acid structures

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 2012

	Title	Organizer	Location	Dates
Practical Courses EMBC Member States	Single-cell gene expression analysis	J. Dreyer	DE–Heidelberg	19–23 March
	Advanced optical microscopy	B. Amos	UK–Plymouth	21–31 March
	Computational structural biology: From data to structure to function	J. Watson	UK–Hinxton	16–20 April
	Mass spectrometry and proteomics	O. Jensen	DK–Odense	18–25 April
	Analysis of small non-coding RNAs: From massively parallel sequencing to <i>in situ</i> hybridization, from discovery to validation	V. Benes	DE–Heidelberg	21–27 April
	Computational molecular evolution	A. Stamatakis	GR–Heraklion	29 April–10 May
	Bioinformatics and comparative genome analyses	F. Tekaia	IT–Naples	7–19 May
	Biomolecular simulation	M. Nilges	FR–Paris	17–24 May
	The structural characterization of macromolecular complexes	C. Petosa	FR–Grenoble	4–9 June
	Plant bioinformatics: Going -omics	V. Schneider	UK–Hinxton	11–19 June
	Electron microscopy and stereology in cell biology	J. Nebesarova	CZ–České Budějovice	12–22 June
	Electron tomography in life science	A. Koster	NL–Leiden	18–23 June
	Plant–microbe interactions	J. Jones	UK–Norwich	18–29 June
	Transient kinetic methods applied to biological macromolecules	M. Geeves	UK–Canterbury	24–30 June
	3D developmental imaging	G. Martins	PT–Oeiras	29 June–7 July
	Molecular genetics with fission yeast: <i>Schizosaccharomyces pombe</i>	B. Arcangioli	FR–Paris	2–13 July
	Correlative light electron microscopy	P. Verkade	UK–Bristol	15–20 July

EMBO Courses | Workshops | Conferences | Symposia 2012

	Title	Organizer	Location	Dates
Practical Courses EMBC Member States (cont.)	Multidimensional NMR in structural biology	C. Griesinger	DE–Joachimsthal (Berlin)	12–17 August
	Lipid mass spectrometry and lipidomics	Y. Wang	UK–Swansea	19–24 August
	Cryo-electron microscopy and 3D image processing	J. Briggs	DE–Heidelberg	26 August–2 September
	Microscopy, modelling and biophysical methods	L. Hufnagel	DE–Heidelberg	27 August–8 September
	Ubiquitin and SUMO	S. Polo	IT–Sardinia	1–8 September
	Computational analysis of protein–protein interactions for bench biologists	A. Budd	DE–Berlin	2–8 September
	Protein expression, purification and characterization (PEPC8)	R. Meijers	DE–Hamburg	3–11 September
	Anatomy and embryology of the mouse	A. Marusic	HR–Split	8–16 September
	Computational biology: From genomes to cells and systems	P. Bork	ES–L'Escala (Girona)	14–20 October
	High-throughput microscopy for systems biology	R. Pepperkok	DE–Heidelberg	15–20 October
	Solution scattering from biological macromolecules	D. Svergun	DE–Hamburg	17–24 October
	Analysis of high-throughput sequencing data	G. Rustici	UK–Hinxton	29 October–3 November
Workshops EMBC Member States	Programmed cell death in model organisms	E. Arama	IL–Ein Gedi	19–23 February
	Microbial sulfur metabolism	G. Muyzer	NL–Noordwijkerhout	15–18 April
	Antigen processing & presentation	J. Neefjes	NL–Amsterdam	24–27 April
	Genetic stability and change: Genome maintenance mechanisms in plants	C. White	FR–Roscoff	2–5 May
	Evolution in the time of genomics	G. Bernardi	IT–Venice	7–9 May
	Recombination mechanisms and genome instability	A. Aguilera	ES–Jerez de la Frontera	21–25 May
	Advances in protein–protein interaction analysis and modulation	P. Colas	FR–Roscoff	6–9 June
	Cortical interneurons in health and disease	O. Marín	ES–Costa d'en Blanes (Mallorca)	24–27 June

EMBO Courses | Workshops | Conferences | Symposia 2012

	Title	Organizer	Location	Dates
Workshops EMBC Member States (cont.)	Single cell physiology	D. Bensimon	FR–Paris	23–28 July
	Cell biology of early mouse development	D. Glover	UK–Cambridge	9–12 September
	Reconstructing the essential bacterial cell cycle machinery	M. Vicente	ES–Real Sitio de San Ildefonso (Segovia)	16–19 September
	The reciprocal interactions of signalling pathways and non-coding RNA	J. Krützfeldt	CH–Ascona	16–19 September
	Structure-specific nucleases in DNA replication and repair	J. Rouse	FR–Hyères	16–20 September
	Structure, function and regulation of centromeres and kinetochores	R. Allshire	ES–Barcelona	1–5 October
	2012 EMBO Molecular Medicine Workshop Molecular medicine of sphingolipids	E. Gulbins	IL–Ramot	16–21 October
Conferences and Conference Series EMBC Member States	Visualizing biological data (VizBi 2012)	S. O'Donoghue	DE–Heidelberg	6–8 March
	Subversion of host cellular organization and functions by pathogens	D. Soldati-Favre	CH–Villars-sur-Ollon	6–10 May
	Microtubules: Structure, regulation and functions	C. Janke	DE–Heidelberg	23–26 May
	Cellular signalling and molecular medicine	J. Bos	HR–Cavtat (Dubrovnik)	25–29 May
	Plant development and environmental interactions	P. Costantino	IT–Matera	27–30 May
	<i>C. elegans</i> neurobiology	G. Jansen	DE–Heidelberg	14–17 June
	Gene transcription in yeast: From mechanisms to gene regulatory networks	F. Posas	ES–Girona	16–21 June
	The molecular and developmental biology of <i>Drosophila</i>	A. Ephrussi	GR–Kolymbari	24–30 June
	30 years of Wnt signalling	T. Dale	NL–Egmond aan Zee	27 June–1 July
	Viruses of microbes: From exploration to applications in the -omics era	R. Lavigne	BE–Brussels	16–20 July
	The molecular and cellular basis of regeneration and tissue repair	K. Mace	UK–Oxford	2–6 September
	Physics of cells: From soft to living matter (PhysCell2012)	K. Sengupta	FR–Hyères	5–8 September
	Morphogenesis and dynamics of multicellular systems	D. Gilmour	DE–Heidelberg	7–9 September

EMBO Courses | Workshops | Conferences | Symposia 2012

	Title	Organizer	Location	Dates
Conferences and Conference Series EMBC Member States (cont.)	Tuberculosis 2012: Biology, pathogenesis, intervention strategies	R. Brosch	FR–Paris	11–15 September
	Chemical Biology 2012	M. Köhn	DE–Heidelberg	26–29 September
	Telomeres and the DNA damage response	L. Harrington	FR–L'Isle-sur-la-Sorgue	2–6 October
	Catalytic mechanisms by biological systems: Combining computational and experimental approaches	M. Fraaije	NL–Groningen	7–10 October
	The physiology of the endoplasmic reticulum (ER): Function and dysfunction	M. Schuldiner	ES–Caldes de Malavella	15–19 October
	Experimental approaches to evolution and ecology using yeast	L. Steinmetz	DE–Heidelberg	17–21 October
	From functional genomics to systems biology	E. Furlong	DE–Heidelberg	17–20 November
	Critical assessment for protein structure prediction (CASP10)	A. Tramontano	IT–Gaeta	9–12 December
ESF EMBO Symposia	Cell polarity and membrane traffic	C. Rabouille	PL–Pułtusk	31 March–5 April
	Systems biology of <i>Drosophila</i> development	J. Jaeger	PL–Pułtusk	22–25 May
	Antiviral RNAi: From molecular biology towards applications	J. García	PL–Pułtusk	11–15 June
	Molecular biology and innovative therapies in sarcomas of childhood and adolescence	B. Schäfer	PL–Pułtusk	29 September–4 October
EMBO EMBL Symposia	New perspectives on immunity to infection	J. Howard	DE–Heidelberg	19–22 May
	Diabetes and obesity	J. Brüning	DE–Heidelberg	13–16 September
	Quality control: From molecules to organelles	B. Bukau	DE–Heidelberg	19–22 September
	The complex life of mRNA	D. Tollervy	DE–Heidelberg	7–10 October
	Germline: Immortality through totipotency	R. Lehmann	DE–Heidelberg	13–16 October
EMBO FEBS Lecture Courses	Mesoscopic origins of cell behaviours during tissue morphogenesis: Biochemical circuits and mechanics	P. Lenne	FR–Cargèse	29 April–5 May
	Mitochondria in life, death and disease	K. Tokatlidis	GR–Crete	9–13 May
	Novel biophysical approaches in the investigation of the cytoskeleton	M. Nyitrai	HU–Pécs	3–7 November

EMBO Courses | Workshops | Conferences | Symposia 2012

	Title	Organizer	Location	Dates
EMBO Global Exchange Lecture Courses	Cellular and molecular medicine: Cancer, stem cells, and inflammation	B. Ramakrishna	IN–Vellore	5–7 January
	Logic of regulatory circuits	Y. Sun	TW–Taipei	12–18 January
	Amoebiasis: Exploring the biology and the pathogenesis of <i>Entamoeba</i>	N. Guillén	IN–Khajuraho	2–7 March
	Introduction to synthetic biology	A. Nadra	AR–Buenos Aires	16–22 April
	Innate immunity: Evolution and advances in clinical medicine	M. Ntwasa	ZA–Johannesburg	2–5 September
	Bioinformatics for microbial genomics and metagenomics	A. Maurady	MA–Rabat	19–24 November
	Structural and biophysical methods for biological macromolecules in solution	D. Svergun	IN–Hyderabad	29 November– 6 December

EMBO Courses | Workshops | Conferences | Symposia 2012

Title	Organizer	Location	Dates
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Laboratory Management Courses 2012

	Title	Organizer	Location	Dates
Laboratory Management Courses	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	20–22 February
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	UK-Ware (near Hertfordshire)	5–7 March
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	UK-Ware (near Hertfordshire)	19–22 March
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	16–19 April
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	23–25 April
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	21–24 May
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	11–13 June
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	18–20 June
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	31 October– 2 November
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	5–8 November
	EMBO Laboratory Management Course (for postdocs)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	13–15 November
	EMBO Laboratory Management Course (for independent group leaders)	A. Glynn M. Cairns	DE-Leimen (near Heidelberg)	19–22 November

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 2001–2012

Year		% female participants	% female speakers
2001	Practical Courses	44	23
	Workshops	40	26
	Lecture Courses	63	20
2002	Practical Courses	51	23
	Workshops	39	25
	Lecture Courses	58	19
2003	Practical Courses	49	22
	Workshops	41	24
	Lecture Courses	48	13
2004	Practical Courses	56	27
	Workshops	40	25
	Conferences	40	21
	Lecture Courses	50	29
2005	Practical Courses	53	27
	Workshops	41	22
	Conferences	40	26
	Lecture Courses	60	25
2006	Practical Courses	45	22
	Workshops	45	24
	Conferences	45	n.a.
	Lecture Courses	52	20
2007	Practical Courses	52	28
	Workshops	39	25
	Conference Series	40	22
	Lecture Courses	65	18
2008	Practical Courses	50	24
	Workshops	48	25
	Conference Series	44	29
	Lecture Courses	37	16
2009	Practical Courses	52	22
	Workshops	51	25
	Conference Series	46	28
	Lecture Courses	58	43

EMBO Courses & Workshops 2001–2012 (cont.)

Year		% female participants	% female speakers
2010	Practical Courses	49	32
	Workshops	49	29
	Conference Series	45	28
	Lecture Courses	54	51
2011	Practical Courses	51	25
	Workshops	49	30
	Conference Series	50	30
	Lecture Courses	49	36
2012	Practical Courses	56	31
	Workshops	46	26
	Conference Series	46	30
	Lecture Courses	51	28

EMBO Membership (including Associate Members)

Year	Total number of members	% Women
2001	1092	13
2002	1126	13
2003	1162	13
2004	1191	14
2005	1223	14
2006	1271	14
2007	1305	14
2008	1357	14
2009	1416	15
2010	1479	15
2011	1530	15
2012	1586	16

Participation of women in EMBO activities: Statistics

EMBO Short-Term Fellowships

		Applications	%	Awards	%	Success rate %
2001	Female applicants	130	56	70	56	54
	Male applicants	103	44	54	44	52
	Overall	233		124		53
2002	Female applicants	148	53	81	53	55
	Male applicants	129	47	71	47	55
	Overall	277		152		55
2003	Female applicants	139	54	72	52	52
	Male applicants	120	46	66	48	55
	Overall	259		138		53
2004	Female applicants	161	54	84	52	52
	Male applicants	140	46	83	48	59
	Overall	301		167		56
2005	Female applicants	190	50	88	44	46
	Male applicants	193	50	112	56	58
	Overall	383		200		52
2006	Female applicants	204	52	100	52	49
	Male applicants	188	48	93	48	49
	Overall	392		193		49
2007	Female applicants	212	52	117	55	55
	Male applicants	197	48	94	45	48
	Overall	409		211		52
2008	Female applicants	219	55	126	59	58
	Male applicants	176	45	87	41	49
	Overall	395		213		54
2009	Female applicants	286	57	142	56	50
	Male applicants	209	43	113	44	54
	Overall	495		255		52
2010	Female applicants	230	55	126	58	55
	Male applicants	191	45	93	42	49
	Overall	421		219		52
2011	Female applicants	267	53	152	53	52
	Male applicants	239	47	147	47	55
	Overall	506		312		53
2012	Female applicants	317	54	165	54	57
	Male applicants	268	46	129	46	54
	Overall	585		281		55
2001–2012	Female applicants	2503	54	1323	53	53
	Male applicants	2153	46	1152	47	54
	Overall	4656		2475		53

Participation of women in EMBO activities: Statistics

EMBO Long-Term Fellowships

		Applications	%	Awards	%	Success rate %
1996–Spring 2001	Female applicants	1746	40	315	35	18
	Male applicants	2584	60	594	65	23
	Overall	4330		909		21
Autumn 2001	Female applicants	168	47	32	39	19
	Male applicants	188	53	50	61	27
	Overall	356		82		23
2002	Female applicants	347	43	68	40	20
	Male applicants	453	57	100	60	22
	Overall	800		168		21
2003	Female applicants	469	43	64	36	14
	Male applicants	611	57	112	64	18
	Overall	1080		176		16
2004	Female applicants	533	47	65	40	12
	Male applicants	604	53	98	60	16
	Overall	1137		163		14
2005	Female applicants	589	48	89	45	15
	Male applicants	647	52	109	55	17
	Overall	1236		198		16
2006	Female applicants	593	48	87	40	15
	Male applicants	644	52	133	60	21
	Overall	1237		220		18
2007	Female applicants	582	45	82	39	14
	Male applicants	706	55	130	61	18
	Overall	1288		212		17
2008	Female applicants	590	48	81	38	14
	Male applicants	628	52	134	62	21
	Overall	1218		215		18
2009	Female applicants	657	49	115	45	18
	Male applicants	675	51	143	55	21
	Overall	1332		258		19
2010	Female applicants	802	48	123	45	15
	Male applicants	866	52	152	55	18
	Overall	1668		275		17
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
1996–2012	Female applicants	8563	45	1339	39	16
	Male applicants	10307	55	2052	61	20
	Overall	18870		3391		18

Participation of women in EMBO activities: Statistics

EMBO Young Investigator Programme

		Applications	%	Awards	%	Success rate %
2000–2001	Female applicants	138	24	17	22	12
	Male applicants	427	76	61	78	14
	Overall	565		78		14
2002	Female applicants	45	27	4	17	9
	Male applicants	123	73	19	83	15
	Overall	168		23		14
2003	Female applicants	47	29	7	33	15
	Male applicants	116	71	14	67	12
	Overall	163		21		13
2004	Female applicants	38	22	4	20	11
	Male applicants	134	78	16	80	12
	Overall	172		20		12
2005	Female applicants	32	25	2	12	6
	Male applicants	96	75	15	88	16
	Overall	128		17		13
2006	Female applicants	32	21	6	29	19
	Male applicants	120	79	15	71	13
	Overall	153		21		14
2007	Female applicants	37	28	3	17	8
	Male applicants	95	72	15	83	16
	Overall	132		18		14
2008	Female applicants	32	28	2	17	6
	Male applicants	84	72	10	83	12
	Overall	116		12		10
2009	Female applicants	34	28	4	24	12
	Male applicants	89	72	13	76	15
	Overall	123		17		14
2010	Female applicants	39	29	3	14	8
	Male applicants	98	71	18	86	18
	Overall	137		21		15
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
2000–2012	Female applicants	592	27	67	23	11
	Male applicants	1589	73	225	77	14
	Overall	2181		292		13

Participation of women in EMBO activities: Statistics

EMBO Installation Grants

		Applications	%	Awards	%	Success rate %
2006	Female applicants	28	38	1	10	4
	Male applicants	46	62	9	90	20
	Overall	74		10		14
2007	Female applicants	17	38	3	33	18
	Male applicants	41	62	6	67	15
	Overall	58		9		16
2008	Female applicants	7	22	1	14	14
	Male applicants	25	78	6	86	24
	Overall	32		7		22
2009	Female applicants	13	39	3	60	23
	Male applicants	20	61	2	40	10
	Overall	33		5		15
2010	Female applicants	11	32	3	43	27
	Male applicants	23	68	4	57	17
	Overall	34		7		21
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
2006–2012	Female applicants	95	32	16	28	17
	Male applicants	203	68	42	72	21
	Overall	298		58		19

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 1986–2012

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

EMBO Plenary Lectures

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

courses_workshops@embo.org

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

Anne-Marie Glynn
Manager

EMBO Plenary Lectures 2012

	Name	Lecture Title	Location	Date
Plenary Lectures EMBC Member States	Maria Pia Cosma	4th Crossroads in Biology (CIB) Symposium	DE–Cologne	9–10 February
	Leroy Hood	EMBL Conference: Omics and Personalised Health	DE–Heidelberg	16–18 February
	Dimitris Thanos	The Albert Szent-Gyorgyi Conference Series: Molecular Biology and Genetics	HU–Szeged	23–25 March
	Denis Duboule	The British Society for Developmental Biology	UK–Coventry	15–18 April
	John E. Walker	Signalling from Molecules to Cells to Organisms	IT–Rome	10–11 May
	Richard J. Roberts	Molecular Medicine and Biotechnology	SI–Ljubljana	27–29 June
	Judith P. Armitage	Young Microbiologists Symposium on Microbe Signalling, Organisation and Pathogenesis	IE–Cork	27–30 June
	Michael Stratton	The 22nd Biennial Congress of the European Association for Cancer Research: From Basic Research to Personalised Cancer Treatment (EACR-22)	ES–Barcelona	7–10 July
	Elizabeth Robertson	22nd IUBMB & 37th FEBS Congress: From single molecules to systems biology	ES–Sevilla	4–9 September
	Richard Durbin	Next Generation Genomics Symposium	FI–Helsinki	12–14 September
	Klaus Rajewsky	Idibell Cancer Conference (ICC) on Epigenetics in Lymphocyte Biology and Disease	ES–Barcelona	13–14 September
	Karen Vousden	ECDO Euroconference on Apoptosis: From Death to Eternity	IT–Roma	14–17 September
	David A. Hopwood	Central European Symposium on Antimicrobials and Antimicrobial Resistance CESAR 2012	HR–Primosten	23–26 September

EMBO Plenary Lectures 2012

	Name	Lecture Title	Location	Date
Plenary Lectures EMBC Member States (cont.)	Michael N. Hall	The Workshop on Dynamics of Cell Signal Systems	NO–Oslo	25–30 September
	Anne Dejean	From Genomes to Epigenomes: Viral Playgrounds and Therapeutic Targets	DE–Hamburg	26–27 September
	Miroslav Radman	5th Croatian Congress of Microbiology with International Participation	HR–Primošten	26–30 September
	Kai Simons	FEBS Advanced Course: Lipid signalling and cancer	IT–Naples	4–10 October
	Richard Durbin	Overcoming Chaos: Networks in Life Sciences	DE–Heidelberg	25–27 October
	Claudio D. Stern	IX Meeting of the Spanish Society of Developmental Biology jointly with the Portuguese Society of Developmental Biology and the Society for Developmental Biology	ES–Granada	12–14 November
	Walter J. Gehring	HOX and TALE Transcription Factors in Development and Disease	ES–Madrid	28 November–1 December
	Michael Karin	IDIBELL Cancer Conference on Personalized Cancer Medicine	ES–L'Hospitalet de Llobregat	3–4 December
EMBO Plenary Lectures Non-EMBC Member States	Roger Patient	The 13th Australia and New Zealand Zebrafish Meeting	AU–Lilydale	5–8 February
	Patrick Cramer	The 2012 Lorne Genome Conference	AU–Lorne	12–14 February
	Yoram Groner	The 14th A-IMBN Annual Conference: Life Science and Frontiers of Biorefinery Technology	TH–Pathumthani	1–2 March
	James Briscoe	Hedgehog Signalling in Development, Evolution and Disease	SG–Singapore	18–21 March
	Philippe J. Sansonetti	The 12th Hunter Meeting	AU–Pokolbin	27–30 March
	Walter J. Gehring	VI International Meeting of the Latin American Society for Developmental Biology	UY–Montevideo	26–29 April
	Joel L. Sussman	The 11th International Meeting on Cholinesterases	RU–Kazan	4–9 June
	Camilla Sjögren	FASEB Science Research Conference on Yeast Chromosome Structure, Replication & Segregation	US–Steamboat Springs	15–20 July

EMBO Plenary Lectures 2012

	Name	Lecture Title	Location	Date
Plenary Lectures Non-EMBC Member States (cont.)	Wolf Reik	FASEB Summer Research Conference: Biological Methylation: From DNA and histones to disease	US–Snowmass Village	12–17 August
	Marat Yusupov	The Banff Ribosome Synthesis Meeting 2012	CA–Banff	22–26 August
	Carol V. Robinson	The Membrane Protein Methods School	AU–Heron Island	16–19 September
	Philip W. Ingham	2012 Asia Pacific Developmental Biology Conference	TW–Taipei	5–8 October
	Fiona Watt	2012 Montagna Symposium on the Biology of Skin: Keeping it all Together: Adhesion, the Cytoskeleton and Signaling in Morphogenesis and Tissue Function	US–Glenneden Beach	11–15 October
	Ueli Grossniklaus	Plant Biology Lectures	AR–Buenos Aires	22–24 October
	Reinhard Jahn	Annual Scientific Meeting of the Argentine Society for Research on Biochemistry and Molecular Biology (SAIB)	AR–Mendoza	29 October– 1 November
	Jonathan M.W. Slack	BIT's 5th Annual World Congress of Regenerative Medicine & Stem Cell (RMSC-2012)	CN–Guangzhou	2–4 December
	Stephen Cusack	24th tRNA Meeting	CL–Olmué	2–6 December
EMBO Global Exchange Lecture Series	Patrick Cramer	EMBO Global Exchange Lecture Series in China	CN–Beijing	7 February
	Vivek Malhotra	EMBO Global Exchange Lecture Series in India	IN–Bangalore, Pune, New Delhi	8 March–14 April

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in Heidelberg as of February 2013

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**EMBO facts & figures 2012
reports on the implementation of
the EMBC General Programme
and other EMBO activities.**

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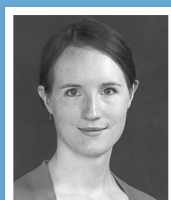
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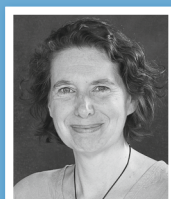
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