

excellence in life sciences

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• New Delhi

• Singapore

EMBO 2017
facts & figures

HIGHLIGHTS 2017



Membership	56 new members from 19 countries in Europe and nine associate members based in the United States and Japan were elected.
Fellowships	189 Long-Term, 281 Short-Term and five Advanced Fellowships were awarded. Partnered with the European Association for Bioindustries (EuropaBio) to offer four extended Short-Term Fellowships.
Young Investigators and Installation Grants	28 Young Investigators and eight Installation Grantees became part of the EMBO community.
Science Policy	EMBO held a workshop on Open Data together with the European Research Council's Open Access Working Group. The programme conducted workshops on research integrity at institutes in five EMBC Member States.
Courses & Workshops	More than 11,000 participants attended 91 scientific events. Together with the American Society for Cell Biology, held the first joint ASCB EMBO Meeting in Philadelphia, USA.
Global Activities	Signed a cooperation agreement with the National Commission for Scientific and Technological Research in Chile (CONICYT).
Awards	The EMBO Gold Medal was awarded to <i>Maya Schuldiner</i> . <i>Ottoline Leyser</i> received the FEBS EMBO Women in Science Award.
EMBO Press	EMBO Press continued to shape best practice in scientific publishing through its 'Transparent Process' and contributions to debates about Open Science, preprints and peer review.
SourceData	Source Data received the Association of Learned and Professional Society Publishers (ALPSP) Award for Innovation in Publishing.

EMBO

facts & figures 2017

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



EMBO promotes excellence in the life sciences. The major goals of the organization are to support talented researchers at all stages of their careers, stimulate the exchange of scientific information, and help build a European research environment where scientists can achieve their best work.

Since 1964, EMBO has helped young scientists to advance their research, promote their international reputations and ensure their mobility. Courses, workshops, practical courses and EMBO Scientific Publications disseminate the latest research and offer training in techniques to maintain high standards of excellence in research practice.

EMBO supports talented researchers, selected through impartial evaluation processes, to allow them to do great science. The wide scientific scope across the full range of life science research coupled with the broad geographical reach of more than 1700 members and associate members – some of the best researchers in Europe and around the world – positions EMBO optimally to serve Europe's life science community.

EMBC

The European Molecular Biology Conference (EMBC), founded in 1969, is an inter-governmental organization comprising 29 Member States including most of the European Union and some of the neighbouring countries. The EMBC provides, through its General Programme, a framework for European co-operation in the field of the life sciences.

Financial contributions from each Member State carry the General Programme. The execution of the EMBC General Programme is entrusted to EMBO. Both EMBC and EMBO are driven by a common commitment to quality research at the European level. Their joint activities are characterized by quality and encouragement of co-operation within the scientific community.



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Maria Leptin
EMBO Director

Preface

It is EMBO's mission to support researchers at all career stages, to stimulate the exchange of scientific information, and to shape European science policy. In this report, we present a collection of figures highlighting our activities in all three of these areas. I would like to highlight a handful of examples to show how EMBO supports and promotes excellence in the life sciences.

In 2017, EMBO welcomed 56 Members, nine Associate Members, 28 Young Investigators, eight Installation Grantees and 189 Long-Term Fellows. Being part of the EMBO community is beneficial in many ways, but one of the aspects most often cited is the ability to make connections that might otherwise not have taken place. Numerous Young Investigators, for example, let us know about the successful collaborations they have formed with each other based on their membership in the programme.

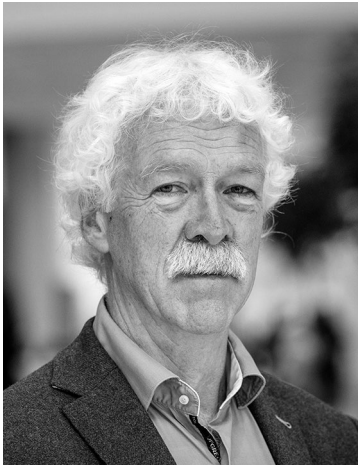
Through the 91 events funded by the Courses & Workshops Programme and the first ASCB | EMBO Meeting, held in partnership with the American Society for Cell Biology, more than 17,000 attendees were able to exchange their latest research and connect with each others. Further supporting the exchange of scientific knowledge, the articles published by the four EMBO Press publications were accessed nearly 10 million times by a readership across the world.

EMBO has also continued to contribute to discussions and developments of science policy, with EMBO staff contributing to more than 40 policy meetings throughout the year. In addition, EMBO co-organised two policy workshops, one of which, held together with the Volkswagen Stiftung, explored randomization in the selection of grant recipients. In addition to making the outcomes available to others, we will use them to look at whether they could inform change in our own activities.

EMBO began as a small group of scientists. It now encompasses more than 1700 Members and hundreds of Young Investigators and Fellows in Europe and worldwide. I extend my thanks to everyone involved with EMBO during this year, including EMBC Delegates, the EMBO Members serving on Council and Committees, and the EMBO staff, and look forward to our continued work together.

A handwritten signature in dark ink, consisting of a stylized 'M' followed by a horizontal line and a small flourish.

Maria Leptin
EMBO Director



Gerrit van Meer
EMBC President

Preface

“It is the conviction of the Council that EMBO, as a European organization, capable of drawing on the whole pool of talent and resources available in the member countries without hindrance of national boundaries and the restrictions to which national funds are often subject could accelerate the development of the field more effectively and economically than could the countries themselves as a result of independent and uncoordinated efforts,” wrote the late Raymond Appleyard, EMBO’s first Secretary General, in 1966.

Today, one could argue that this statement is obsolete, as Europe as a common political and scientific space has been established. Nonetheless, recent developments in several European countries show that transnational initiatives need to be nurtured continuously in order to keep their momentum. That is why I believe that the core mission of EMBO and its funding body, the EMBC, is as relevant now as it was when these two organizations were conceived.

At the same time, there is a need for reform in order to keep up with the changing needs of life scientists and their institutions. One such transformation will be the conversion of the EMBO Fellowships from stipends to contracts between the fellows and their institutions. In addition to the provision of improved social security for fellows, this transformation aims to maintain the competitiveness of the EMBO Fellowship Programme, making sure it continues to attract the most talented young life scientists.

Another endeavor is the engagement of life science communities outside of Europe with the goal of better connecting scientists in Europe with those in the rest of the world. Here, the EMBC has signed a cooperation agreement with the National Commission for Scientific and Technological Research in Chile (CONICYT) to strengthen scientific exchange and collaboration between the Chilean and the EMBO communities of life scientists.

In 2019, the EMBC will celebrate its 50th anniversary – an important milestone and great opportunity to acknowledge the EMBC Member and Associate Member States and their representatives. I sincerely thank all of them for the constructive contributions to EMBO activities and for exposing the merit of these activities back home. In this way, the delegates provide crucial support to EMBO during the continuous process of adapting its activities towards the needs of scientists, science and society at large.

Gerrit van Meer
EMBC President

EMBO actions 2017

Major decisions of the EMBO Council are listed below with other important EMBO actions including actions not described elsewhere in this report.

→ EMBO OFFICERS & COUNCIL 2017

Paul Nurse

EMBO SECRETARY GENERAL

Carl-Henrik Heldin

CHAIR, EMBO COUNCIL

Titia Sixma

VICE CHAIR, EMBO COUNCIL

Karen Avraham

Adrian Bird

Victor de Lorenzo

Caroline Dean

Denis Duboule

Anne Ephrussi

Michael Hall

Regine Kahmann

Jürgen Knoblich

László Nagy

Paul Schulze-Lefert

Claudio Sunkel

Karen Vousden

MEMBERS OF EMBO COUNCIL

→ See page 14 for a detailed list of the 2017 EMBO Council

EMBO Membership and Council

- 65 life scientists were newly elected to the EMBO Membership. Their total number includes 56 EMBO Members residing in 19 EMBC Member States and nine EMBO Associate Members working in the USA and Japan. They join a group of more than 1700 of the best researchers in Europe and around the world. 40% of the newly elected members are female.
- Council re-elected *Carl-Henrik Heldin* as Chair and *Titia Sixma* as Vice Chair of EMBO Council for the year 2018.
- Council elected *Matthew Freeman* (UK) and *Michel Labouesse* (FR) to serve on EMBO Council for the period 2018–2020.

EMBO activities

- 189 Long-Term, 281 Short-Term and five Advanced Fellowships were awarded.
- With funds from the European Association for Bioindustries (EuropaBio), EMBO offered four extended Short-Term Fellowships
- 28 young researchers were selected as EMBO Young Investigators. They join a network of 47 current and 417 past Young Investigators who represent some of the best up-and-coming group leaders in the life sciences in Europe and beyond.
- Eight Installation Grants were awarded.
- EMBO welcomed Lithuania as a member of the Installation Grants scheme.
- 91 scientific events, attended by more than 11,000 scientists, were funded.
- EMBO held a workshop on Open Data together with the European Research Council's Open Access Working Group.
- The EMBO Science Policy Programme conducted workshops on research integrity at institutes in five EMBC Member States.

Other EMBO activities

- EMBO, together with its intergovernmental funding body, EMBC, signed a cooperation agreement with the National Commission for Scientific and

EMBO actions 2017

Technological Research in Chile (CONICYT) to strengthen scientific exchange and collaboration between Chile and Europe.

- EMBO Scientific Publications continued to shape best practice in scientific publishing through its 'Transparent Process' and contributions to debates about Open Science, preprints and peer review.
- EMBO and EMBL held ten joint EMBO | EMBL Symposia in Heidelberg, Germany
- Together with the American Society for Cell Biology, EMBO held the first joint ASCB | EMBO Meeting in Philadelphia, USA.
- SourceData, an open platform from EMBO designed to make published scientific data easily findable, won the 2017 ALPSP Award for Innovation in Publishing.
- Maya Schuldiner from the Weizmann Institute of Science in Israel was the recipient of the 2017 EMBO Gold Medal. She received the award for significantly advancing the understanding of protein synthesis, trafficking and quality control.
- EMBO and FEBS announced plant biologist *Ottoline Leyser* as the recipient of the FEBS | EMBO Women in Science Award. The award recognizes outstanding achievements of female researchers in the life sciences in the past five years.
- The EMBO Director and EMBO managers were engaged in a variety of meetings and collaborations – in particular with the Federation of European Biochemical Societies (FEBS), the European Research Council (ERC) and the various programmes of the European Commission.

Financial matters

- The EMBO Council approved the accounts for 2016 and the budget for the EMBO activities for 2018. The EMBC funding is supplemented with income generated by the EMBO publications. It is also used to pilot EMBO activities that are not funded by the EMBC.
- Since 2009, the EMBO and EMBC accounts have been audited by KPMG Switzerland. This audit is carried out in addition to the standard auditing by a national audit court from one of the EMBC Member States.

→ EMBO COMMITTEE CHAIRS 2017

Philippe Sansonetti

EMBO Membership Committee

Luca Scorrano

EMBO Fellowship Committee

Christian Lehner

EMBO Course Committee

Karim Labib

EMBO Young Investigator Committee

Ivan Dikic

EMBO Publications Advisory Board

→ See page 15 for a complete list of the 2017 committee members

→ EMBO Council Administrator

Gitta Bourke

gitta.bourke@embo.org

T +49 6221 8891 117

F +49 6221 8891 200

EMBC actions 2017

→ EMBC OFFICERS 2017

Gerrit van Meer NETHERLANDS
PRESIDENT

Eiríkur Steingrímsson ICELAND

Boris Turk SLOVENIA
VICE PRESIDENTS

Anne Paoletti FRANCE
SECRETARY GENERAL

Troels Tvedegaard Rasmussen
DENMARK FINANCE COMMITTEE CHAIR

Lovorka Barač Lauc CROATIA
FINANCE COMMITTEE VICE CHAIR

→ STRATEGIC WORKING PARTY 2017

Ahmet Ademoglu TURKEY

Lucia Banci ITALY

Hemma Bauer AUSTRIA

Josiane Entringer LUXEMBOURG

Angela Nieto SPAIN

Barbara Ohnesorge GERMANY

Mark Palmer UNITED KINGDOM

Anne Paoletti FRANCE

Jeannette Ridder-Numan
NETHERLANDS

Eiríkur Steingrímsson ICELAND

Boris Turk SLOVENIA

Troels Tvedegaard Rasmussen
DENMARK

Gerrit van Meer NETHERLANDS CHAIR

→ See pages 12 for a list of
all EMBC Delegates

The major decisions and actions resulting from the meetings of the EMBC Delegates (November 2017), the EMBC Finance Committee (June 2017) and the EMBC Strategic Working Party (June and November 2017) are listed below.

Election of officers for 2018

- EMBC re-elected *Gerrit van Meer* (NL) as President of EMBC.
- EMBC re-elected *Eiríkur Steingrímsson* (IS) and *Boris Turk* (SI) as Vice Presidents of EMBC.
- EMBC re-elected *Anne Paoletti* (FR) as Secretary General of EMBC.
- EMBC re-elected *Troels Tvedegaard Rasmussen* (DK) as Chair of the EMBC Finance Committee.
- EMBC re-elected *Lovorka Barač Lauc* (Croatia) as Vice Chair of the EMBC Finance Committee.

Financial matters

- EMBC noted the reports of the external auditors and approved the accounts for 2016.
- EMBC approved the budget for 2018.

EMBC actions 2017

→ EMBC MEMBER STATES

The following countries are Member States of the European Molecular Biology Conference (EMBC):

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

→ FINANCE COMMITTEE

PERMANENT MEMBERS

France
Germany
Italy
Spain
United Kingdom

ELECTED MEMBERS (2016 – 2018)

Austria
Belgium
Croatia
Denmark
Poland
Portugal
Netherlands

→ For the scale of contributions by the individual EMBC Member States and use of the budget see page 13

→ EMBC Administrator
Gitta Bourke
gitta.bourke@embo.org
T +49 6221 8891 117
F +49 6221 8891 200



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EMBC Delegates & Advisers

embc.embo.org

The EMBC is the intergovernmental body that funds EMBO. It is overseen by a President and a Secretary General. Each EMBC Member State typically appoints one delegate from a relevant government ministry and one scientific adviser.

embc@embo.org

Prof. Gerrit Van Meer
EMBC President

Anne Paoletti
EMBC Secretary General

Gitta Bourke
EMBC Administrator

Austria

Dr. Hemma Bauer
Prof. Veronika Sexl

Belgium

Mr. Alain Heynen
Prof. Marc van Montagu

Croatia

Dr. Lovorka Barać Lauc
Prof. Krešimir Pavelić

Czech Republic

Ms. Jana Bystrická
Prof. Zdena Palková

Denmark

Prof. Birthe Kragelund
Mr. Troels Tvedegaard Rasmussen

Estonia

Prof. Maia Kivisaar
Dr. Toivo Raim

Finland

Prof. Johanna Myllyharju
Dr. Jarmo Wahlfors

France

Dr. Elena Hoffert
Dr. Anne Paoletti

Germany

Prof. Patrick Cramer
Dr. Jan Grapentin
Ms. Barbara Ohnesorge

Greece

Prof. Spyros Georgatos
Ms. Panagiota Katsafana

Hungary

Mr. Gergely Boehm
Prof. László Patthy

Iceland

Prof. Eiríkur Steingrímsson

Ireland

Dr. Marion Boland

Israel

Dr. Yossi Kalifa
Prof. Joel Sussman

Italy

Prof. Lucia Banci
Mr. Fabio Iannaccone

Lithuania

Dr. Milda Jodinskiene
Prof. Virginijus Sikšnyš

Luxembourg

Ms. Josiane Entringer
Ms. Corinne Kox

Malta

Mr. Marco Abela
Dr. Joseph Borg

Netherlands

Dr. Jeannette Ridder-Numan
Prof. Gerrit van Meer

Norway

Prof. Oddmund Bakke
Dr. Jacob E. Wang

Poland

Prof. Leszek Kaczmarek
Ms. Maria Klimkiewicz

Portugal

Prof. Miguel Castanho
Mr. Joel Gonçalves
Prof. Claudio Sunkel

Slovak Republic

Dr. Silvia Pastoreková
Mr. Marcel Sládok
Prof. Ján Turňa

Slovenia

Dr. Tomaz Boh
Mr. Andrej Ograjenšek
Prof. Boris Turk

Spain

Dr. Cristina Bauluz
Prof. M. Angela Nieto

Sweden

Prof. Björn Andersson
Dr. Maria Thuveson

Switzerland

Dr. Isabella Beretta
Prof. Damian Brunner

Turkey

Prof. Ahmet Ademoglu

United Kingdom

Mr. Hugh Dunlop
Dr. Mark Palmer
Mr. Tim Willis

EMBC Member States financial contributions & use for EMBO Programmes

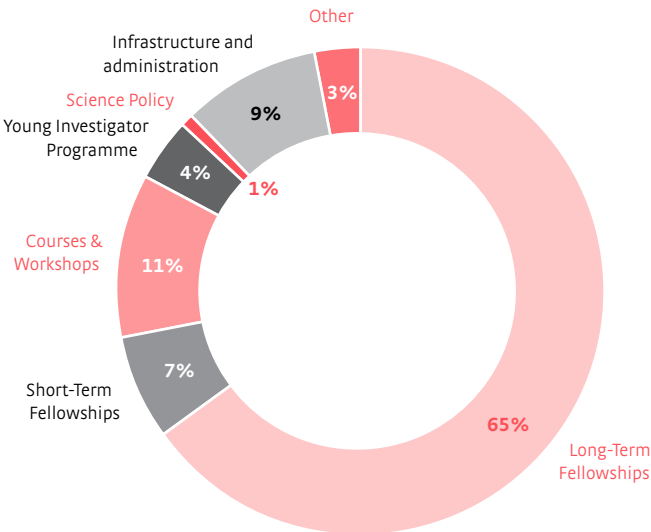
embc@embo.org

The EMBC Members States provide the budget for the execution of the EMBO Programmes. The EMBO books are audited by independent external and internal auditors.

Entire EMBC budget 2017:
Euro 20,800,327

EMBC Member State*	% of total contributions
Austria	2.12
Belgium	2.58
Croatia	0.32
Czech Republic	0.94
Denmark	1.67
Estonia	0.10
Finland	1.28
France	14.91
Germany	19.17
Greece	1.36
Hungary	0.59
Iceland	0.06
Ireland	0.98
Israel	1.29
Italy	10.82
Luxembourg	0.18
Netherlands	4.19
Norway	2.60
Poland	2.62
Portugal	1.08
Slovak Republic	0.46
Slovenia	0.24
Spain	7.39
Sweden	2.82
Switzerland	3.55
Turkey	3.02
United Kingdom	13.66
Total	100.00

Budgeted use for EMBO Programmes
Rounded to the nearest percent.



* Lithuania and Malta, EMBC Member States since 2016, are not yet reflected in this overview.

EMBO Council

www.embo.org/about-embo/council

communications@embo.org

2017

EMBO Council is the organization's governing body and is responsible for ensuring organizational development. It consists of 15 EMBO Members, who serve for a maximum of two three-year terms of office.

EMBO Council members	Elected term(s) of office	Name	Country – Town
	2016–2018	Karen B. Avraham	IL-Tel Aviv
	2017–2019	Adrian Bird	UK-Edinburgh
	2014–2016, 2017–2019	Victor de Lorenzo	ES-Madrid
	2012–2014, 2015–2017	Caroline Dean	UK-Norwich
	2012–2014, 2015–2017	Denis Duboule	CH-Geneva
	2013–2015, 2016–2018	Anne Ephrussi	DE-Heidelberg
	2017–2019	Michael N. Hall	CH-Basel
	2015–2017, 2018–2020	Carl-Henrik Heldin	SE-Uppsala
	2014–2016, 2017–2019	Regine Kahmann	DE-Marburg
	2015–2017, 2018–2020	Jürgen Knoblich	AT-Vienna
	2016–2018	László Nagy	HU-Debrecen
	2013–2015, 2016–2018	Paul Schulze-Lefert	DE-Cologne
	2016–2018	Titia Sixma	NL-Amsterdam
	2017–2019	Claudio E. Sunkel	PT-Porto
	2015–2017, 2018–2020	Karen Vousden	UK-Glasgow

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

Observers	Gerrit van Meer	President, EMBC
	Anne Paoletti	Secretary General, EMBC
	Iain Mattaj	Director General, EMBL
	Philippe Sansonetti	CHAIR EMBO Membership Committee
	Karim Labib	CHAIR EMBO Young Investigator Committee
	Christian Lehner	CHAIR EMBO Course Committee
	Luca Scorrano	CHAIR EMBO Fellowship Committee
	Paul Nurse	CHAIR EMBL SAC

EMBO Committees

www.embo.org/about-embo/committees

communications@embo.org

2017

Through serving on boards and committees, EMBO Members deliver and guide the organization's programmes, activities and publications. Committee members are appointed by EMBO Council.

Course Committee

2013 Christian Lehner CH **CHAIR**
 2014 Nils Brose DE **CHAIR**
 2014 Javier Cáceres UK
 2017 Thomas Lecuit FR
 2015 Zoi Lygerou GR
 2016 Catherine Rabouille NL
 2016 Peter Sebo CZ
 2016 Jens Stougaard DK
 2016 Alfonso Valencia ES
 2015 Núria Verdaguer ES

Fellowship Committee

2013 Luca Scorrano IT **CHAIR**
 2013 Andres Aguilera ES
 2016 Yehudit Bergmann IL
 2013 Michael Boutros DE
 2016 James Briscoe UK
 2017 Francesco Cecconi DK
 2017 Agnieszka Chacinska PL
 2013 Fabrizio d'Adda di Fagnana IT
 2013 Santiago F. Elena ES
 2016 Marie-Anne Felix FR
 2016 Nancy Hynes CH
 2014 Eric Miska UK
 2016 Mariagrazia Pizza IT
 2016 Erin Schumann DE
 2017 Virginijus Siksnys LT
 2015 Michael Sixt AT
 2016 Shahragim Tajbakhsh FR
 2016 Dan Tawfik IL
 2015 Jörg Vogel DE

Young Investigator Committee

2014 Karim Labib UK **CHAIR**
 2017 Gerhard Christofori CH
 2015 Enrico Coen UK
 2017 Antonella de Matteis IT
 2016 Christoph Dehio CH
 2017 Carlos Dotti ES
 2017 Darren Gilmore DE
 2015 Laura Machesky UK
 2015 Yitzhak Pilpel IL
 2017 Irmgard Sinning DE

Membership Committee

2014 Philippe J. Sansonetti FR **CHAIR**
 2015 Johan Auwerx CH
 2014 Tim Clausen AT
 2014 Urs Greber CH
 2014 Edith Heard FR
 2015 Caroline S. Hill UK
 2016 Bernard Malissen FR
 2017 Pere Puigdomènech ES
 2015 Maria Rescigno IT
 2016 Peter Scheiffele CH
 2017 Sarah Teichmann UK
 2016 Markus Wahl DE
 2015 Sabine Werner CH
 2014 Kenneth H. Wolfe IE

Science Policy Advisory Group*

2012 Geneviève Almouzni FR
 2012 Ioannis Economidis BE**
 2013 Anne Ephrussi DE
 2012 Toivo Maimets EE**
 2012 Claudio Sunkel PT
 2012 Richard Treisman UK
 2015 Gerrit van Meer NL

EMBO | EMBL Symposia Committee*

2010 Maria Leptin DE **CHAIR**
 2008 Iain Mattaj DE, EMBL **CHAIR**
 2017 Alexander Aulehla DE, EMBL**
 2008 Anne Ephrussi DE, EMBL
 2015 Henrik Kaessmann CH
 2015 Michel Labouesse FR
 2017 Christian Lehner CH
 2017 Jonas Ries DE, EMBL
 2017 Detlef Weigel DE
 2017 Judith Zaugg DE, EMBL**

Publications Advisory Board*

2009 Ivan Dikic DE **CHAIR**
 2013 Pietro De Camilli US
 2014 Ari Helenius CH
 2017 Kristian Helin DK
 2017 Chonnetia Jones UK**
 2017 V. Narry Kim KR
 2010 Iain Mattaj DE, EMBL
 2014 Johanna McEntyre UK**
 2014 Tom Misteli US**
 2013 Frank Uhlmann UK

FEBS | EMBO Women in Science Committee*

2013 Cecilia Arraiano PT
 2017 Thomas Boehm DE
 2017 Anne-Lise Boerresen-Dale NO**
 2014 Johanna Ivaska FI
 2014 Sean Munro UK
 2014 Gerrit van Meer NL
 2017 Isabelle Vernos ES
 2014 Maciej Zylicz PL

Internal Auditor EMBL

Tomasz Smolarek

External Auditors

Central Audit Service Netherlands

EMBO Audit

KPMG

* Committee includes EMBO Members and
 ** external advisers

EMBO Members elected in 2017

www.embo.org/members

membership@embo.org

Election to EMBO Membership is recognition of research excellence and the outstanding achievements made by a life scientist. The EMBO Membership includes more than 1,700 of the best researchers in Europe and worldwide. New members are nominated and elected by the membership annually.

Name	Institute	Research interest
Ido Amit	Weizmann Institute of Science Rehovot, Israel	Genomic and epigenomic control of the immune system
Alberto Bardelli	Università Torino, Italy; and Candiolo Cancer Institute Candiolo, Italy	Precision oncology and cancer genomics
Ralf Bartenschlager	Universität Heidelberg, Germany; and Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Cell biology of virus replication
Renata Basto	Institut Curie Paris, France	Centrosomes in development and disease
Eva Benkova	Institute of Science and Technology Austria (IST) Klosterneuburg, Austria	Hormonal cross-talk in plant organogenesis
Frédéric Berger	Gregor Mendel Institute of Molecular Plant Biology Vienna, Austria	Chromatin architecture, histones and evolution
Frances M. Brodsky	University College London, United Kingdom; and University of California San Francisco, United States	Clathrin-mediated membrane traffic in tissues
Damian Brunner	University of Zurich, Switzerland	Cell morphogenesis
Lena Claesson-Welsh	Uppsala University, Sweden	Blood vessels in physiology and disease
Monica M.G. Di Luca	Università degli Studi Milano, Italy	Synapse biology in health and diseases
Paula Duque	Instituto Gulbenkian de Ciência Oeiras, Portugal	Alternative splicing and stress response in plants
Michael L. Dustin	University of Oxford, United Kingdom; and New York University (NYU) New York, United States	Translation of the immunological synapse
Eran Elinav	Weizmann Institute of Science Rehovot, Israel	Host-microbiome interactions in health and disease
Jeremy Farrar	Wellcome Trust London, United Kingdom	Infectious diseases and global health
Martin Fussenegger	ETH Zürich Basel, Switzerland	Engineering cells for therapeutic applications
Fátima Gebauer Hernández	Centro de Regulación Genómica (CRG) Barcelona, Spain	Regulation of mRNA translation and cancer
Niko Geldner	University Lausanne, Switzerland	Polarised epithelia formation in plants

Name	Institute	Research interest
Daniel W. Gerlich	IMBA Vienna, Austria	Assembly and function of the cell division machinery
Isabel Gordo	Instituto Gulbenkian de Ciência Oeiras, Portugal	Bacterial adaptation within ecosystems
Stephan Grill	Technische Universität Dresden, Germany; and MPI für molekulare Zellbiologie und Genetik Dresden, Germany	Physics of life
Anja Groth	Biotech Research and Innovation Centre (BRIC) Copenhagen, Denmark	Chromatin replication and epigenome maintenance
Jacob Hanna	Weizmann Institute of Science Rehovot, Israel	Epigenetic reprogramming of developmental potency
Clare Isacke	Institute of Cancer Research London, United Kingdom	Tumour-stroma interactions in cancer metastasis
Roman Jerala	National Institute of Chemistry Ljubljana, Slovenia	Synthetic biology and molecular immunology
Johanna Joyce	University Lausanne, Switzerland	Exploring and exploiting the tumour microenvironment
Roy Kishony	Technion Haifa, Israel	Evolution of antibiotic resistance
Thomas Klausberger	Medical University of Vienna, Austria	Identified neuronal circuits for cognition
Saulius Klimašauskas	Vilnius University, Lithuania	Mechanisms and engineering of DNA methylases
Claudia Köhler	Swedish University of Agricultural Sciences Uppsala, Sweden	Epigenetic regulation of plant speciation
Magda Konarska	University Warsaw, Poland	Mechanisms of pre-mRNA splicing
Marc Lecuit	Institut Pasteur Paris, France; and Université Paris Descartes Paris, France	Microbial invasion and within-host dissemination
Ben Lehner	Centro de Regulación Genómica (CRG) Barcelona, Spain; and Institució Catalana de Recerca i Estudis Avançats (ICREA) Barcelona, Spain	Genetic systems
Sten Linnarsson	Karolinska Institutet Stockholm, Sweden	Single-cell biology of the nervous system
Núria López-Bigas	Institute for Research in Biomedicine Barcelona, Spain; and Institució Catalana de Recerca i Estudis Avançats (ICREA) Barcelona, Spain	Mutational processes leading to carcinogenesis
Susanne Mandrup	University of Southern Denmark Odense, Denmark	Transcriptional networks regulating metabolism
Marta Miaczynska	International Institute of Molecular and Cell Biology Warsaw, Poland	Endocytosis and intracellular signaling
Irene Miguel-Aliaga	Imperial College London, United Kingdom	Organ plasticity
Stefan Mundlos	Max Planck Institute for Molecular Genetics Berlin, Germany; and Charité – Universitätsmedizin Berlin, Germany	Gene regulation in development and disease
Mary O'Connell	Masaryk University Brno, Czech Republic	Elucidating the biological function of ADARs

Name	Institute	Research interest
Sarah E. O'Connor	John Innes Centre Norwich, United Kingdom	Plant specialized metabolism
Csaba Pál	Biological Research Centre Szeged, Hungary	Evolution and systems biology
Tracy Palmer	University of Dundee, United Kingdom	Protein secretion in prokaryotes
Franck Perez	Institut Curie Paris, France	Dynamics and diversity of intracellular transport
Ramesh S. Pillai	University of Geneva, Switzerland	Regulation of gene expression by noncoding RNAs
Panayiota Poirazi	IMBB – FORTH Heraklion, Greece	Dissecting the role of dendrites in memory
Iñaki Ruiz-Trillo	Universitat Pompeu Fabra Barcelona, Spain	Origin of multicellular animals
Sjors H.W. Scheres	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Development of cryoEM methods
Maya Schuldiner	Weizmann Institute of Science Rehovot, Israel	Functional genomics of organelles
Miguel Soares	Instituto Gulbenkian de Ciência Oeiras, Portugal	The biology of inflammation and immunity
Charles Swanton	Francis Crick Institute London, United Kingdom; and University College London, United Kingdom	TRACERx – understanding cancer evolution
Elly M. Tanaka	IMP Vienna, Austria; and Technische Universität Dresden, Germany	Molecular mechanisms of regeneration
Marc Timmers	Universität Freiburg, Germany	Epigenetics and gene regulation
Aslihan Tolun	Bogazici University Istanbul, Turkey	Finding disease genes and defining their functions
Alexander van Oudenaarden	Hubrecht Institute Utrecht, Netherlands	Quantitative biology of development and stem cells
Michael Wagner	University Vienna, Austria	Single cell microbiology and nitrification
Anton Wutz	ETH Zurich, Switzerland	Epigenetic regulation and cell identity control

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EMBO Associate Members are life scientists of any nationality who resided outside EMBC Member States when elected to EMBO Membership. The EMBO Membership includes a total of 144 associate members.

Name	Institute	Research interest
Mina J. Bissell	Lawrence Berkeley National Laboratory Berkeley, United States	Microenvironment and tissue architecture
Piero Carninci	RIKEN Center for Life Science Technologies Yokohama, Japan	Transcription regulation and lncRNA function
Gerard Karsenty	Columbia University New York, United States	Skeletal biology
Richard E. Lenski	Michigan State University East Lansing, United States	Experimental evolution and evolutionary biology
Michael S. Levine	Princeton University, United States	Transcriptional control of the Drosophila embryo
Jennifer Lippincott-Schwartz	HHMI Janelia Research Campus Ashburn, United States	Imaging subcellular organization and dynamics
Gerald Rubin	HHMI Janelia Research Campus Ashburn, United States	Neurobiology, anatomy and behavior in Drosophila
Arthur Weiss	University of California San Francisco, United States	Signal transduction in lymphocytes
Jonathan Weissman	University of California San Francisco, United States	Protein folding and dynamics of protein synthesis

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David del Alamo
Programme Manager

EMBO Long-Term Fellowships →→

EMBO Long-Term Fellowships: Statistics

Applications and awards 2013–2017

Year	Applications	Awards	Success rate %
2017	1190	189	16
2016	1561	170	11
2015	1549	252	16
2014	1648	247	15
2013	1645	185	11

EMBO Long-Term Fellowships: Statistics

Applications and awards 2013–2017

Country from*	Applications	% of total	Awards	% of total	Success rate %
Austria	85	1	19	2	22
Belgium	147	2	27	3	18
Croatia	47	1	7	<1	15
Czech Republic	71	1	7	1	10
Denmark	36	0	3	0	8
Estonia	21	<1	1	<1	5
Finland	72	1	8	1	11
France	842	11	94	9	11
Germany	724	10	162	16	22
Greece	99	1	16	2	16
Hungary	67	1	4	<1	6
Iceland	3	<1	2	<1	67
Ireland	57	1	6	<1	11
Israel	404	5	80	8	20
Italy	583	8	83	8	14
Luxembourg	6	<1	3	<1	50
Netherlands	266	4	54	5	20
Norway	7	<1	1	<1	14
Poland	193	3	24	2	12
Portugal	232	3	26	2	11
Slovak Republic	38	<1	3	<1	8
Slovenia	18	<1	1	0	6
Spain	951	13	83	8	9
Sweden	121	2	9	1	7
Switzerland	77	1	15	1	19
Turkey	79	1	14	1	18
United Kingdom	218	3	43	4	20
Eastern Europe	178	2	26	2	15
USA/Canada	357	5	76	7	21
Others	1594	21	146	14	9
Total	7593	100	1043	100	14

* “Country from” refers to nationality

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Lorenz Fenk	Austrian	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Gilles Laurent	MPI für Hirnforschung Frankfurt, Germany	Exploring plasticity in three-layered reptilian cortex
Nikolaus Fortelny	Austrian	University of British Columbia Vancouver, Canada	Christoph Bock	CeMM Vienna, Austria	Integrative analysis of cell type-specific JAK-STAT signaling linking stimuli to gene expression
Beata Mierzwa	Austrian	IMBA Vienna, Austria	Karen Oegema	Ludwig Institute for Cancer Research La Jolla, United States	Exploring cell type-specific variation in the cell division machinery
Steven Boeynaems	Belgian	Katholieke Universiteit Leuven, Belgium	Aaron Gitler	Stanford University School of Medicine, United States	Defining the role of Ataxin-2 in biology and disease
Sylvain Delaunay	Belgian	University Liège, Belgium	Michaela Frye	University of Cambridge, United Kingdom	Mitochondrial protein synthesis in skin cancer
Jan Felix	Belgian	University Gent, Belgium	Irina Gutsche	Institut de Biologie Structurale Grenoble, France	Structural and functional insights into the assembly of respiratory complexes by a novel enterobacterial macromolecular machine
Emeline Lawaree	Belgian	University Namur, Belgium	Christoph M. Tang	University of Oxford, United Kingdom	Understanding the crosstalk between DNA methylation and DNA ADP-ribosylation in pathogenic bacteria
Aline Muyle	Belgian	Université Claude Bernard Lyon 1 Villeurbanne, France	Brandon S. Gaut	University of California Irvine, United States	Is gene body methylation under selection in plants? A test using population epigenomic data from the genus Arabidopsis
Philip Ruelens	Belgian	Katholieke Universiteit Leuven, Belgium	Arjan De Visser	Wageningen University, Netherlands	Gene expression and the tempo and mode of protein evolution
Bram Van Den Bergh	Belgian	Katholieke Universiteit Leuven, Belgium	Angela Douglas	Cornell University Ithaca, United States	Flies under pressure: in vivo relevance and evolution of bacterial, antibiotic-tolerant persister cells within the Drosophila gut
Alex Van Vliet	Belgian	Katholieke Universiteit Leuven, Belgium	Sharon Tooze	Francis Crick Institute London, United Kingdom	ATG9 makes contact: Investigating the role of ATG9 in ER-Mitochondria contact site mediated autophagy
Alex Cagan	British	MPI für evolutionäre Anthropologie Leipzig, Germany	Inigo Martincorena	Sanger Institute Cambridge, United Kingdom	Characterising the earliest stages of pancreatic cancer using genomic analyses of normal human pancreatic tissue
Thomas Clarke	British	University of Birmingham, United Kingdom	Johnathan Whetstone	Massachusetts General Hospital (MGH) Charlestown, United States	Investigating the interplay between epigenetics, DNA damage signalling, DNA amplification and acquired drug resistance

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Ross Cordiner	British	University of Edinburgh, United Kingdom	Torben Heick Jensen	Aarhus University, Denmark	Identifying RNA fate checkpoints by high-resolution spatiotemporal binding dynamics of CBC-containing complexes
Zane Duxbury	British	The Sainsbury Laboratory Norwich, United Kingdom	Claude Becker	Gregor Mendel Institute of Molecular Plant Biology Vienna, Austria	Characterising autotoxicity tolerance in crops that harbour allelopathy
Victor Jones	British	University of Oxford, United Kingdom	Annika Guse	Centre for Organismal Studies (COS) Heidelberg, Germany	Unraveling the mechanisms of partner recognition in the coral-algal symbiosis
Sophie Kneeshaw	British	University of Edinburgh, United Kingdom	Roberto Solano	Universidad Autonoma Madrid, Spain	Identifying novel regulators of jasmonate signalling using the model organism <i>Marchantia polymorpha</i>
Kif Liakath-Ali	British	King's College London, United Kingdom	Thomas Sudhof	Stanford University School of Medicine, United States	Developing and using novel reporter mouse models to understand neuexin alternative splicing
Nicholas Pearce	British	University of Oxford, United Kingdom	Piet Gros	Utrecht University, Netherlands	Supra-dataset modelling for crystallography: The whole is greater than the sum of the parts
Matthew Swaffer	British	Francis Crick Institute London, United Kingdom	Jan Skotheim	Stanford University, United States	Determining how cell size and growth control global transcription
Zuzana Hofmanova	Czech	Johannes-Gutenberg-Universität Mainz, Germany	Daniel Wegmann	Université Fribourg, Switzerland	Characterizing the social revolution associated with the introduction of farming with ancient DNA
Radka Slovak	Czech	Austrian Academy of Sciences Vienna, Austria	Liam Dolan	University of Oxford, United Kingdom	The role of MpFRH1 miRNA in cell patterning in <i>Marchantia polymorpha</i>
Mark Bakkers	Dutch	Utrecht University, Netherlands	Sean Whelan	Harvard Medical School Boston, United States	Enter the world of arenaviruses: dissecting their strategies for host invasion
Volha Chukhutsina	Dutch	VU University Amsterdam, Netherlands	Jasper Van Thor	Imperial College London, United Kingdom	Structural dynamics essential for photosynthetic adaptation and survival of cyanobacteria in fluctuating light intensities
Thijs Flinsenber	Dutch	University Medical Centre (UMC) Utrecht, Netherlands	Ilia Voskoboinik	Peter MacCallum Cancer Centre Melbourne, Australia	Immune surveillance of chronic lymphocytic leukaemia by natural killer cells
Anna E. Marneth	Dutch	Radboud University Nijmegen, Netherlands	Ann Mullally	Harvard Medical School Boston, United States	Understanding how SRSF2 mutations drive disease progression in myeloproliferative neoplasms
Matti Pronker	Dutch	Utrecht University, Netherlands	Ingo H. Greger	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Extracellular regulation of AMPA receptors by olfactomedins

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Martijn Schuijs	Dutch	University Ghent, Belgium	Tim Halim	University of Cambridge, United Kingdom	The role of innate lymphoid cells in the formation of lung metastasis
András Spaan	Dutch	University Medical Centre (UMC) Utrecht, Netherlands	Jean-Laurent Casanova	Rockefeller University New York, United States	Human genetic basis of severe staphylococcal infections in childhood
Hanneke Vlaming	Dutch	Netherlands Cancer Institute Amsterdam, Netherlands	Karen Adelman	Harvard Medical School Boston, United States	Uncovering mechanisms and dynamics of ncRNA transcription in mouse embryonic stem cells
Joni Nikkanen	Finnish	University of Helsinki, Finland	Ajay Chawla	University of California San Diego, United States	Torpor as a defense mechanism against pathogens
Natalia Pakharukova	Finnish	University Turku, Finland	Robert J Lefkowitz	Duke University Durham, United States	Dissecting the molecular mechanism of Arrestin recruitment by G-protein coupled receptors
Sandy Blin	French	Institut de Pharmacologie Moléculaire et Cellulaire (IPMC) Valbonne, France	Thomas Jentsch	Max-Delbrück-Centrum Berlin, Germany	Role of volume-regulated anion channels in liver physiology and metabolism
Clément Charenton	French	École Polytechnique Palaiseau, France	Kiyoshi Nagai	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	CryoEM studies of spliceosome activation
Mathilde Dumond	French	École Normale Supérieure Lyon, France	Dagmar Iber	ETH Zürich Basel, Switzerland	How to make tubes? The role of mechanics during lung and kidney morphogenesis
André Eid	French	Helmholtz Zentrum München, Germany	Alex Gould	Francis Crick Institute London, United Kingdom	Mechanisms of radiation resistance in neural stem cells
Juliette Fedry	French	Institut Pasteur Paris, France	Friedrich Förster	Utrecht University, Netherlands	MHC-I biogenesis and degradation at the endoplasmic reticulum membrane
Marie-Claude Laffitte	French	Centre de recherche du CHUQ Quebec, Canada	Matthias Marti	University of Glasgow, United Kingdom	Genetic and environmental factors triggering sexual differentiation in Plasmodium falciparum
Steven Moussu	French	École Normale Supérieure Lyon, France	Julia Santiago Cuellar	University Lausanne, Switzerland	Mechanistic insights into cell wall sensing and remodeling
Florent Murat	French	INRA Clermont-Ferrand, France	Henrik Kaessmann	Zentrum für Molekulare Biologie (ZMBH) Heidelberg, Germany	Developmental gene expression evolution of mammalian organs at the single-cell level
William Roman	French	Instituto de Medicina Molecular Lisbon, Portugal	Pura Muñoz-Cánoves	Universitat Pompeu Fabra Barcelona, Spain	Discovering the mechanisms underlying intrinsic repair of muscle cells in wildtype and sarcopenia.
Nikaïa Smith	French	Université Paris Descartes Paris, France	Frank Kirchhoff	Universität Ulm, Germany	The effect of human and simian immunodeficiency viruses on type 3 innate lymphoid cells (ILC3) function and survival

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Philipp Abe	German	University Hospital Jena, Germany	Denis Jabaudon	University of Geneva, Switzerland	Identifying translational controls over thalamocortical axon development
David Brocks	German	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Amos Tanay	Weizmann Institute of Science Rehovot, Israel	The impact of endogenous retroviruses on embryonic development and cell identity
Frank Buermann	German	MPI für Biochemie Martinsried, Germany	Jan Löwe	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Cryo-EM analysis of the bacterial condensin MukBEF
Eileen Dietzel	German	RWTH University Aachen, Germany	Luca Jovine	Karolinska Institutet Science Park Huddinge, Sweden	Breaking the zona: from sperm penetration to embryo hatching
Silvia Domcke	German	Friedrich Miescher Institute Basel, Switzerland	Jay Shendure	University of Washington Seattle, United States	Defining the key regulators of cell fate decisions by single cell co-assays
Robert Egger	German	MPI für Biologische Kybernetik Tübingen, Germany	Michael Long	New York University, United States	Inhibitory control of sequential neuronal activity underlying motor output
Ruth Eichner	German	Technische Universität München, Germany	Giulio Superti-Furga	CeMM Vienna, Austria	Dissecting the multilevel regulation of solute carrier (SLC) induction and surface expression
Gina Fiala	German	Universität Freiburg, Germany	Bruno Silva-Santos	Instituto de Medicina Molecular Lisbon, Portugal	Tracking gammadelta T cell development and TCRgammadelta proximal signalling
Jana Friedrich	German	Universität Heidelberg, Germany	Laura Lucia Prieto Godino	Francis Crick Institute London, United Kingdom	Evolution of central olfactory circuits in Drosophila
Ferdinand Greiss	German	Ludwig-Maximilians-Universität München, Germany	Roy Bar-Ziv	Weizmann Institute of Science Rehovot, Israel	Rebuilding Multicellularity To Uncover Spatiotemporal Computation In Living Systems
Jonas Hanske	German	Max Planck Institut für Kolloid und Grenzflächenforschung Potsdam, Germany	Christopher Mueller	EMBL Heidelberg, Germany	Investigation of the structure and dynamics of yeast RNA polymerase I initiation and elongation complexes
Stefan Harmansa	German	University of Basel, Switzerland	Thomas Lecuit	Aix-Marseille Université Marseille, France	The regulation of supracellular Myosin II cables and their impact on the tissue mechanics and growth properties of the Drosophila wing imaginal disc
Felix Hartmann	German	University of Zurich, Switzerland	Sean Bendall	Stanford University Palo Alto, United States	A high-dimensional, image-based map of the human skin-resident immune system in health and disease

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Niklas Hoffmann	German	EMBL Heidelberg, Germany	Cynthia Wolberger	Johns Hopkins University Baltimore, United States	Molecular structure and sequential mechanism of SAGA-mediated gene activation
David Huels	German	Francis Crick Institute London, United Kingdom	Jan Paul Medema	Academic Medical Centre Amsterdam, Netherlands	Cystic adenoma growth arrest – Luminal signalling versus physical restrictions
Lorenz Jahn	German	University Medical Centre Leiden, Netherlands	Marcel Van Den Brink	Memorial Sloan-Kettering Cancer Center New York, United States	Effect of regenerative strategies of the thymus on T-cell immunity
Lothar Kalmbach	German	University Lausanne, Switzerland	Yrjö Helariutta	The Sainsbury Laboratory Cambridge, United Kingdom	Genetic control and molecular mechanisms of sieve plate morphogenesis in the phloem
Kerstin Klinkert	German	Institut Pasteur Paris, France	Pierre Gönczy	Swiss Federal Institute of Technology Lausanne, Switzerland	Dissecting symmetry breaking mechanisms in the <i>C. elegans</i> zygote – A novel role for Aurora A
Johanna Klughammer	German	CeMM Vienna, Austria	Aviv Regev	Broad Institute of MIT and Harvard Cambridge, United States	Spatio-molecular dissection of the tumor microenvironment and its account in peripheral leukocytes
Nora Kofoed-Branzk	German	The Francis Crick Institute London, United Kingdom	Andreas Diefenbach	Johannes-Gutenberg-Universität Mainz, Germany	Role of ILC3s in physiological adaptation of the intestinal tract during pregnancy and lactation
Vera Konieczny	German	University of Cambridge, United Kingdom	Melina Schuh	MPI für biophysikalische Chemie Göttingen, Germany	Systematic identification and characterization of long-lived proteins in mouse oocytes
Sonja Kroschwald	German	MPI für molekulare Zellbiologie und Genetik Dresden, Germany	Matthias Peter	ETH Zurich, Switzerland	Quality control mechanisms of reversible protein aggregates
Urs Hanno Langen	German	MPI für Molekulare Biomedizin Münster, Germany	Chenghua Gu	Harvard Medical School Boston, United States	Uncovering determinants of blood brain barrier heterogeneity
Constanze Lenschow	German	Humboldt University Berlin, Germany	Susana Lima	Champalimaud Centre for the Unknown Lisbon, Portugal	Anatomical and functional characterization of the neural circuits controlling ejaculation and the post-ejaculatory refractory period
Alexander Mühleip	German	MPI für Biophysik Frankfurt, Germany	Alexey Amunts	Science for Life Laboratory Solna, Sweden	Structure and function of the translation machinery in the mitochondrion and apicoplast of the human parasite <i>Toxoplasma gondii</i>
Thomas Pfeiffer	German	Université de Bordeaux Bordeaux, France	David Attwell	University College London, United Kingdom	Do microglia-pericyte interactions regulate brain vascular and immune cell function?
Johannes Rebelein	German	University of California Irvine, United States	Thomas Ward	University of Basel, Switzerland	Artificial metalloenzymes as molecular tools, diagnostics and therapeutics

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Martina Katharina Ried	German	Ludwig-Maximilians-Universität (LMU) Martinsried, Germany	Michael Hothorn	University of Geneva, Switzerland	Identification and genetic, biochemical and structural characterization of novel Pi homeostasis signaling components in plants
Sandra Scharaw	German	EMBL Heidelberg, Germany	Pekka Katajisto	Karolinska Institutet Science Park Huddinge, Sweden	The role of spatially localised niche signalling in intestinal tissue renewal
Severin Schink	German	Technical University of Munich Garching, Germany	Markus Basan	Harvard Medical School Boston, United States	Quantitative analysis of survival mechanisms of E. coli during starvation
Jonathan Schmid-Burgk	German	Universität Bonn, Germany	Feng Zhang	Broad Institute of MIT and Harvard Cambridge, United States	Sequencing-based proteomics
Simon Stritt	German	University Würzburg, Germany	Taija Makinen	Uppsala University, Sweden	Does the endothelial cytoskeleton determine the specialized functions of different vessel types?
Anton Sumser	German	Ludwig-Maximilians-Universität München, Germany	Maximilian Joesch	Institute of Science and Technology Austria (IST) Klosterneuburg, Austria	Connecting sensory with motor processing in the superior colliculus
Stephan Wilmes	German	University Osnabrück, Germany	Ignacio Moraga Gonzalez	University of Dundee, United Kingdom	Manipulating Cytokine Signalling Networks using Engineered Surrogate Ligands
Juliane Winkler	German	Universität Heidelberg, Germany	Zena Werb	University of California San Francisco, United States	Analyzing the role of the nuclear transport machinery in metastasis development of human breast cancer
Sina Wittmann	German	University of Oxford, United Kingdom	Simon Marc Alberti	MPI für molekulare Zellbiologie und Genetik Dresden, Germany	Gaining mechanistic insight into neurodegenerative diseases that are caused by defective stress granules
Christoph Ziegenhain	German	Ludwig-Maximilians-Universität (LMU) Martinsried, Germany	Rickard Sandberg	Karolinska Institutet Stockholm, Sweden	Characterizing features and mechanisms of transcriptional bursting using single-cell RNA sequencing
Antonios Alexandros Pittis	Greek	Sackler Institute for Comparative Genomics New York, United States	Patrick J. Keeling	University of British Columbia Vancouver, Canada	Re-evaluating horizontal gene transfer in eukaryotic evolution
Evanna Mills	Irish	Trinity College Dublin, Ireland	Edward Chouchani	Dana-Farber Cancer Institute Boston, United States	Determining mechanisms of metabolic and ROS control in adiposity and thermogenesis
Naama Aviram	Israeli	Weizmann Institute of Science Rehovot, Israel	Luciano Marraffini	Rockefeller University New York, United States	CRISPR adaptation: deciphering the rules of preferential spacer acquisition
Raz Bar-Ziv	Israeli	Weizmann Institute of Science Rehovot, Israel	Andrew Dillin	University of California Berkeley, United States	Activation and signal propagation of cell non-autonomous unfolded protein response

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Liraz Galia	Israeli	Weizmann Institute of Science Rehovot, Israel	Katherine Fitzgerald	University of Massachusetts Worcester, United States	Identification and functional characterization of chromatin-associated long non-coding RNAs (ca-lncRNAs) involved in innate immune responses
Avital Hahamy	Israeli	Weizmann Institute of Science Rehovot, Israel	Timothy Behrens	University College London, United Kingdom	Studying brain representations as distributed processes: from neural code to behavior
Moshe Kafri	Israeli	Weizmann Institute of Science Rehovot, Israel	Martin Jonikas	Princeton University, United States	Revealing the principles of biogenesis and regulation of the Eukaryotic CO2-concentrating organelle
Eli Levy Karin	Israeli	Tel Aviv University, Israel	Johannes Soeding	MPI für biophysikalische Chemie Göttingen, Germany	Computational tools to explore the richness of eukaryotic metagenomics
Gideon Mamou	Israeli	The Hebrew University Jerusalem, Israel	Colin Kleanthous	University of Oxford, United Kingdom	Elucidating the spatiotemporal organization of outer membrane proteins in live bacterial cells
Maya Maor Nof	Israeli	Weizmann Institute of Science Rehovot, Israel	Aaron Gitler	Stanford University School of Medicine, United States	Uncovering epigenetic changes in response to protein aggregation in ALS
Sivan Pearl Mizrahi	Israeli	Hebrew University Jerusalem, Israel	Jeff Gore	Massachusetts Institute of Technology, United States	Measurements of the impact of extinction and invasion on microbial community structure and stability
Shaul Pollak	Israeli	Tel Aviv University, Israel	Otto Cordero	Massachusetts Institute of Technology (MIT) Cambridge (MA), United States	Exploring the interplay between ecological and evolutionary adaptation of microbial communities
Dana Silverbush	Israeli	Tel Aviv University, Israel	Aviv Regev	Broad Institute of MIT and Harvard Cambridge, United States	Leveraging the regulation of cancer stem cells for targeted therapy in glioblastoma
Tomer Stern	Israeli	Weizmann Institute of Science Rehovot, Israel	Eric F. Wieschaus	Princeton University, United States	A novel quantitative approach for exploration of dynamic multicellular patterns in tissue organization during Drosophila head development
Shira Weingarten-Gabbay	Israeli	Weizmann Institute of Science Rehovot, Israel	Pardis Sabeti	Harvard University Cambridge, United States	Deciphering viral immune evasion by systematic investigation of immunogenic peptides in hundreds of viruses
Eitan Erez Zahavi	Israeli	Tel Aviv University, Israel	Casper Hoogenraad	Utrecht University, Netherlands	Molecular mechanisms of neuronal receptors transcytosis
Luca Bersanini	Italian	University Turku, Finland	Roberta Croce	VU University Amsterdam, Netherlands	Improving photosynthesis by engineering light harvesting: Synthesis of Chl f in green algae
Alessandro Bertero	Italian	University of Cambridge, United Kingdom	Charles E. Murry	University of Washington Seattle, United States	Chromatin structure dynamics driven by cardiac nuclear mechanotransduction

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Alessandra Breschi	Italian	Centro de Regulación Genómica (CRG) Barcelona, Spain	Michael Snyder	Stanford University School of Medicine, United States	Monitoring immune status with wearable devices to prevent inflammatory diseases
Francesco Nicola Carelli	Italian	University Lausanne, Switzerland	Julie Ahringer	Wellcome Trust / Cancer Research UK Gurdon Institute Cambridge, United Kingdom	Function, generation, and evolutionary conservation of chromatin domains
Alessandra Maria Casano	Italian	EMBL Heidelberg, Germany	Michael Sixt	Institute of Science and Technology Austria (IST) Klosterneuburg, Austria	Quantitative understanding of a cell-autonomous component in chemotaxis
Filippo Ciabrelli	Italian	CNRS Institute of Human Genetics Montpellier, France	Greg Hannon	University of Cambridge, United Kingdom	Deciphering piRNA-mediated transcriptional gene silencing in <i>Drosophila</i>
Ilaria Elia	Italian	Katholieke Universiteit Leuven, Belgium	Marcia C. Haigis	Harvard Medical School Boston, United States	Manipulating the metabolic competition between T cells and cancer cells in the nutrient microenvironment
Alessandro Furlan	Italian	Karolinska Institutet Stockholm, Sweden	Bo Li	Cold Spring Harbor Laboratory, United States	Imaging and manipulating forebrain representations of visceral inputs associated with distinct emotional states
Mario Iurlaro	Italian	Babraham Institute Cambridge, United Kingdom	Dirk Schübeler	Friedrich Miescher Institute Basel, Switzerland	Transcription factor sensitivity to histone modifications
Marco La Fortezza	Italian	Ludwig-Maximilians-Universität (LMU) Martinsried, Germany	Gregory Velicer	ETH Zurich, Switzerland	How social environments shape the evolution of a microbial developmental system at phenotypic and molecular levels
Simone Mattei	Italian	EMBL Heidelberg, Germany	Nenad Ban	ETH Zurich, Switzerland	Structural and functional investigations of the <i>Trypanosoma brucei</i> RNA editing complex
Valentina Rene' Minciacchi	Italian	Cedars-Sinai Medical Center Los Angeles, United States	Daniela Krause	Goethe University Frankfurt, Germany	The role of large oncosomes in leukaemia
Alessandro Mineo	Italian	Instituto de Biología Molecular de Barcelona (IBMB) Barcelona, Spain	Irene Miguel-Aliaga	MRC Clinical Sciences Centre London, United Kingdom	Coordination of tissue remodelling in an adult organ during reproduction
Alice Pajoro	Italian	Wageningen University, Netherlands	George M. Coupland	MPI für Züchtungsforschung Köln, Germany	Identification and functional analysis of meristematic regulators of the floral transition
Valentina Piano	Italian	Università Pavia, Italy	Andrea Musacchio	MPI für molekulare Physiologie Dortmund, Germany	Immobilized synthetic kinetochore particles: A unique tool to study kinetochore-associated proteins interaction

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Federico Pietrocola	Italian	Cordeliers Research Centre Paris, France	Manuel Serrano	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Impact of senescence on maladaptive plasticity and tumour initiation
Annamaria Ruggiano	Italian	MPI für Biochemie Martinsried, Germany	Kristijan Ramadan	University of Oxford, United Kingdom	DNA-protein crosslink repair: Characterization and regulation of a novel repair machinery
Anne Biever	Luxembourger	Institute of Functional Genomics (IGF) Montpellier, France	Erin M. Schuman	MPI für Hirnforschung Frankfurt, Germany	The local sculpting of ribosomes in dendrites of the CA1 hippocampus
Aleksandra Bebel	Polish	EMBL Heidelberg, Germany	Phoebe Rice	University of Chicago, United States	Characterization of putative replication proteins carried by the mobile element conferring methicillin resistance to MRSA
Adrian Duszkiewicz	Polish	University of Edinburgh, United Kingdom	Adrien Peyrache	McGill University Montreal, Canada	Functional dissection of the head-direction system
Adam Klosin	Polish	Centro de Regulación Genómica (CRG) Barcelona, Spain	Anthony Hyman	MPI für molekulare Zellbiologie und Genetik Dresden, Germany	Investigating the mechanism of spatiotemporal control over gene activation by Zelda in an in vitro reconstituted system
Marcin Józef Suskiewicz	Polish	IMP Vienna, Austria	Ivan Ahel	Sir William Dunn School Oxford, United Kingdom	Structural and mechanistic basis of serine ADP-ribosylation
Olga Afonso	Portuguese	Instituto de Biologia Molecular e Celular (IBMC) Porto, Portugal	Marcos González-Gaitán	University of Geneva, Switzerland	Mitotic scaling to cell size diversity during vertebrate embryonic development
Nuno Amaral	Portuguese	University of Southern California (USC) Los Angeles, United States	Thomas Helleday	Science for Life Laboratory Solna, Sweden	The role of MTH1 in mitosis for promoting cancer-cell survival
Inês Castro	Portuguese	University of Exeter, United Kingdom	Maya Schuldiner	Weizmann Institute of Science Rehovot, Israel	Unraveling the role of organelle contact sites in human disease.
Vitor Faria	Portuguese	Instituto Gulbenkian de Ciência Oeiras, Portugal	Dieter Ebert	University of Basel, Switzerland	Evolution of hosts with multiple intracellular pathogenic species
Maria Joana Guimarães Pinto	Portuguese	Universidade Coimbra, Portugal	Antoine Triller	Institute of Biology of the ENS Paris, France	Modulation of inhibitory postsynaptic plasticity by microglia in the cortex
Rui Martiniano	Portuguese	University College Dublin, Ireland	Richard Durbin	Sanger Institute Cambridge, United Kingdom	Genomic insights into the population history of Ancient Egypt and Sudan
Rui Martins	Portuguese	CeMM Vienna, Austria	Miguel Soares	Instituto Gulbenkian de Ciência Oeiras, Portugal	Biliverdin Reductase A in the establishment of disease tolerance to infection
Diana Pinheiro	Portuguese	Institut Curie Paris, France	Carl-Philipp Heisenberg	Institute of Science and Technology Austria (IST) Klosterneuburg, Austria	Coordination of mesendoderm cell fate specification and internalization during zebrafish gastrulation

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Inês Catarina Ramos Barbosa	Portuguese	Technische Universität München, Germany	Niko Geldner	University Lausanne, Switzerland	CASPs – scaffold membrane proteins for localizing cell wall modifying enzymes
Alejandro Alvarez-Quilon	Spanish	CABIMER Sevilla, Spain	Daniel Durocher	Mount Sinai Hospital Toronto, Canada	Probing the interaction between genome stability and innate immunity
Monica Rosa Berjon Otero	Spanish	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Matthias Fischer	MPI für medizinische Forschung Heidelberg, Germany	Characterization of the molecular relationship between the giant Cafeteria roenbergensis virus and its virophage Mavirus
Miguel Bernabé Rubio	Spanish	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Fiona M. Watt	King's College London, United Kingdom	Unravelling the molecular mechanisms of dedifferentiation in epidermal cells
Bethania García Cassani	Spanish	Instituto de Medicina Molecular Lisbon, Portugal	Vassilis Pachnis	Francis Crick Institute London, United Kingdom	Identification and characterization enteric nervous system stem cells (ENSSCs) in zebrafish gut
Laura Garcia Prat	Spanish	Universitat Pompeu Fabra Barcelona, Spain	John Dick	University Health Network (UHN) Toronto, Canada	Investigating the epigenetic diversity of ALL to identify mechanisms of relapse and metastasis
Jordina Guillén Boixet	Spanish	Institute for Research in Biomedicine Barcelona, Spain	Simon Marc Alberti	MPI für molekulare Zellbiologie und Genetik Dresden, Germany	Quality control of RNP granules: Gaining mechanistic insights and elucidating links to neuromuscular disorders
Cristina Gutierrez-Vazquez	Spanish	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Francisco J Quitana	Harvard Medical School Boston, United States	Control of T-cell autoimmunity by aryl hydrocarbon receptor signaling in dendritic cells
Aitor Manteca	Spanish	CIC biomaGUNE San Sebastian, Spain	Axel Innis	Institut Européen de Chimie et Biologie (IECB) Pessac, France	Development of new trans-inhibitory peptides that target the ribosome for their use as antimicrobials
Hernando Martinez Vergara	Spanish	EMBL Heidelberg, Germany	Rafael Yuste	Columbia University New York, United States	The role of Chandelier cells in cortical ensembles
Cristina Mayor	Spanish	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Georg Erich Winter	CeMM Vienna, Austria	Chemical probing of transcriptional RAS effectors
Azahara Oliva	Spanish	New York University, United States	Steven Siegelbaum	Columbia University New York, United States	Cellular mechanisms of social memory encoding in the hippocampal CA2 region
Xavier Rovira Clave	Spanish	Universitat de Barcelona Barcelona, Spain	Garry P. Nolan	Stanford University, United States	Developing a highly multiplexed 3D imaging method to study nuclear architecture in normal and cancer cell states
Raquel Salvador Gallego	Spanish	Universität Tübingen, Germany	Gia Voeltz	University of Colorado Boulder, United States	Role of MCTPs protein family in ER-associated organelle division

EMBO Long-Term Fellowships awarded in 2017 | EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Guillermo Sastre-Moreno	Spanish	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Daniel Durocher	Mount Sinai Hospital Toronto, Canada	Charting the genetic interaction landscape of the alternative lengthening of telomeres
Manuel Valero	Spanish	Cajal Institute Madrid, Spain	György Buzsaki	New York University, United States	A controlled system to study the neural sequences in CA3
Miguel Vizoso Patiño	Spanish	Institut d'Investigació Biomedica de Bellvitge (IDIBELL) Barcelona, Spain	Jacco Van Rheenen	Hubrecht Institute Utrecht, Netherlands	DNA methylation insights into cancer cell plasticity by intravital imaging
Jorge Zeron-Medina Cuairan	Spanish	Universitari Vall d'Hebron Barcelona, Spain	David Sabatini	Whitehead Institute Cambridge, United States	Structural and functional characterization of lysosomes in pancreatic cancer in-vivo
Ann Boija	Swedish	Stockholm University, Sweden	Richard Young	Whitehead Institute Cambridge, United States	The regulatory role of chromatin structure in cancer
Simon Forsberg	Swedish	Uppsala University, Sweden	Julien Ayroles	Princeton University, United States	Beyond additivity: unlocking the contribution of gene-gene and gene-environment interaction to individual variation
Samuel Philip Nobs	Swiss	ETH Zurich, Switzerland	Eran Elinav	Weizmann Institute of Science Rehovot, Israel	Nod-like receptor-mediated regulation of host-microbiome interactions in the lung
Thomas Stefanelli	Swiss	University of Geneva, Switzerland	Cyril Herry	Université de Bordeaux Bordeaux, France	Neuronal mechanisms of fear memory
Sevi Durdu Iskar	Turkish	EMBL Heidelberg, Germany	Dirk Schübeler	Friedrich Miescher Institute Basel, Switzerland	Interplay between transcription factors and the chromatin structure in inducing gene regulatory programs of cell differentiation
Zeynep Okray	Turkish	Vesalius Research Center Leuven, Belgium	Scott Waddell	University of Oxford, United Kingdom	Neural Transposition in Fragile X Syndrome

EMBO Long-Term Fellowships awarded in 2017 | EMBC Associate Member States' nationals/EMBC Co-operation Partner States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Mithila Burute	Indian	Hôpital St. Louis Paris, France	Lukas Kapitein	Utrecht University, Netherlands	Geometrical control of axon specification to understand deterministic mechanisms of neuron polarization
Swagata Halder	Indian	University of Oxford, United Kingdom	Vincenzo Costanzo	European Institute of Oncology (IEO) Milano, Italy	Elucidating the molecular function of BRCA2 and Rad51 in normal DNA replication
Vitul Jain	Indian	International Centre for Genetic Engineering New Dehli, India	E. Yvonne Jones	Wellcome Trust Centre for Human Genetics Oxford, United Kingdom	The role of neuropilins in determining the outcome of the Semaphorin-Plexin signalling
Onkar Kiran Joshi	Indian	Centre for Molecular Life Sciences Nijmegen, Netherlands	Filippo Rijli	Friedrich Miescher Institute Basel, Switzerland	From 3D chromatin structure to 3D craniofacial morphogenesis: Mapping chromatin architecture of mouse cranial neural crest cell subpopulations in vivo
Sharath Narayanan	Indian	Indian Institute of Science Education and Research Thiruvananthapuram, India	Marek Basler	Biozentrum University of Basel, Switzerland	Investigating the role of Peptidoglycan dynamics in Vibrio Cholerae T6SS Assembly
Saikat Ray	Indian	Humboldt University Berlin, Germany	Nachum Ulanovsky	Weizmann Institute of Science Rehovot, Israel	Neural microcircuits underlying prosocial behavior
Priyanka Sahasrabudhe	Indian	Technical University of Munich Garching, Germany	Ineke Braakman	Utrecht University, Netherlands	Intramembrane chaperones: Their role in folding membrane proteins
Hsin-Wei Lu	Taiwanese	Oregon Health & Science University (OHSU) Portland, United States	Philip Joris	Katholieke Universiteit Leuven, Belgium	Mapping synaptic convergence in auditory brainstem coincidence detection circuits

EMBO Long-Term Fellowships awarded in 2017 | Non-EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Maria Eugenia Goya	Argentinean	National University of Quilmes Bernal, Argentina	Maria Doitsidou	University of Edinburgh, United Kingdom	Investigating protective effects of gut microbiota in <i>C. elegans</i> models of Parkinson's disease
Martina Legris	Argentinean	University of Buenos Aires, Argentina	Christian Fankhauser	University Lausanne, Switzerland	Phototropin control of leaf flattening
Thomas DeFalco	Canadian	University of Toronto, Canada	Cyril Zipfel	The Sainsbury Laboratory Norwich, United Kingdom	Deciphering the roles of BIK1-regulated transporters in plant pattern-triggered immunity
Brett Hilton	Canadian	University of British Columbia Vancouver, Canada	Frank Bradke	Deutsches Zentrum für Neurodegenerative Erkrankungen (DZNE) Bonn, Germany	Dissecting the role of neuronal activity in CNS axon regeneration and functional recovery following spinal cord injury
Jasmine Ono	Canadian	University of British Columbia Vancouver, Canada	Duncan Greig	University College London, United Kingdom	Identification and analysis of the speciation genes that cause yeast hybrid sterility
Lianggong Ding	Chinese	Peking University Beijing, China	Christian Wolfrum	ETH Zurich, Switzerland	Regulation of brown fat activity through the interaction of peroxisomes with lipid droplets
Chenglin Miao	Chinese	Norwegian University of Science & Technology (NTNU) Trondheim, Norway	Botond Roska	Friedrich Miescher Institute Basel, Switzerland	The circuit of visual input to the head direction system
Haibo Wang	Chinese	ETH Zurich, Switzerland	Patrick Cramer	MPI für biophysikalische Chemie Göttingen, Germany	Structural analysis of the SAGA coactivator in the context of a chromatin template
Hao Wu	Chinese	Medical University Nanjing, China	Ramesh S. Pillai	University of Geneva, Switzerland	Functional analysis of the m6A epitranscriptome of the mammalian germline
Xiaoguang Xue	Chinese	Utrecht University, Netherlands	Patrick Cramer	MPI für biophysikalische Chemie Göttingen, Germany	Structural studies of human Mediator complex
Hongbo Zhang	Chinese	Swiss Federal Institute of Technology Lausanne, Switzerland	Sarah A. Teichmann	Sanger Institute Cambridge, United Kingdom	Multiplexed single-cell analysis of human and mouse muscle stem cells in health and ageing
Ana Zhu	Chinese	EMBL Heidelberg, Germany	Trevor Lawley	Sanger Institute Cambridge, United Kingdom	Precision metagenomics to track commensal bacteria strain persistence and transmission in human populations
Anna Stavrinides	Cypriot	John Innes Centre Norwich, United Kingdom	Thierry Joet	Institut de recherche pour le développement Montpellier, France	Decoding the maturation program in desiccation-sensitive seeds

EMBO Long-Term Fellowships awarded in 2017 | Non-EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Ka-Wai Ma	Hong Kong Chinese	University of California Riverside, United States	Paul Schulze-Lefert	MPI für Züchtungsforschung Köln, Germany	Functions of T3SS-containing Proteobacteria and plant innate immunity in root microbiota establishment
Mahmoud-Reza Rafiee	Iranian	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Nicholas Luscombe	Francis Crick Institute London, United Kingdom	Proteogenomic insights into 3'-UTR-associated RNA-binding proteins during neural differentiation
Gen Enomoto	Japanese	University of Tokyo, Japan	Annegret Wilde	Universität Freiburg, Germany	Protein dynamics in second messenger-based light signaling in cyanobacteria
Shunsuke Kawamura	Japanese	Medical and Dental University Tokyo, Japan	Timm Schroeder	ETH Zurich, Switzerland	Continuous single-cell quantification of human myeloid versus lymphoid differentiation
Saori Yoshii	Japanese	University of Tokyo, Japan	Petr Broz	Biozentrum University of Basel, Switzerland	Spatio-temporal and functional analysis of LC3-associated phagocytosis
Gerardo Del Toro-De Leon	Mexican	Unidad Irapuato, Mexico	Claudia Köhler	Swedish University of Agricultural Sciences Uppsala, Sweden	Identify the role of a natural miRNA sponge in establishing hybridization barriers in Arabidopsis thaliana
Marina Escalera Zamudio	Mexican	Robert-Koch-Institut Berlin, Germany	Oliver Pybus	University of Oxford, United Kingdom	Revealing the evolution of virulence in RNA viruses
Minhee Kim	South Korean	Memorial Sloan-Kettering Cancer Center New York, United States	Marc Lecuit	Institut Pasteur Paris, France	Cell biology of transepithelial translocation of Listeria
Donghwi Ko	South Korean	University of Science and Technology (POSTECH) Pohang, Republic of Korea	Yrjö Helariutta	The Sainsbury Laboratory Cambridge, United Kingdom	Characterization of the roles of rRNA methylation in controlling cytokinin responsiveness and storage organ formation in Arabidopsis
Jongeun Park	South Korean	Seoul National University, Republic of Korea	Sarah A. Teichmann	Sanger Institute Cambridge, United Kingdom	Deciphering the gene regulatory network of regulatory T cell differentiation with single cell CRISPR screening
Jeffrey Bernitz	US-American	Icahn School of Medicine at Mount Sinai New York, United States	Timm Schroeder	ETH Zurich, Switzerland	Inferring gene regulatory networks of hematopoietic lineage commitment from clonal kin relationships
Talya Dayton	US-American	Massachusetts Institute of Technology (MIT) Cambridge (MA), United States	Hans C. Clevers	Hubrecht Institute Utrecht, Netherlands	Mechanisms governing pulmonary neuroendocrine cell growth and tumorigenesis
Mark Juhas	US-American	Duke University Durham, United States	Matthias P. Lutolf	Swiss Federal Institute of Technology Lausanne, Switzerland	Studying the effect of microglia phenotype on glioblastoma progression in a human tumor-stroma organoid culture platform

EMBO Long-Term Fellowships awarded in 2017 | Non-EMBC Member States' nationals

Name	Nationality	Home institute	Group leader	Host institute	Project
Charlotte Kelley	US-American	Brandeis University Waltham, United States	Naoko Mizuno	MPI für Biochemie Martinsried, Germany	Reconstitution and structural analysis of a mechanosensitive focal adhesion complex
Lilian Lam	US-American	Stanford University School of Medicine, United States	Fiona Powrie	University of Oxford, United Kingdom	The gut microbiota and immune dysregulation in inflammatory arthritis
Alicia Michael	US-American	University of California Santa Cruz, United States	Nicolas Thomä	Friedrich Miescher Institute Basel, Switzerland	Pioneering therapies: elucidation of the molecular assembly of an Oct4:nucleosome complex using cryo-EM
Yekaterina Miroshnikova	US-American	Institute for Advanced Biosciences La Tronche, France	Sara Wickström	Max Planck Institute for Biology of Ageing Cologne, Germany	Mechanical stress response and adaptation at the nuclear-cytoskeletal interface
Mary O'Neill	US-American	University of Wisconsin Madison, United States	Lluís Quintana-Murci	Institut Pasteur Paris, France	The role of host genetics, epigenetics, and ancestry on influenza A replication
Eduardo Arteaga Bracho	Venezuelan	Albert Einstein College of Medicine Bronx, United States	Silvia Arber	University of Basel, Switzerland	Motor circuits controlling head movement

ERS | EMBO joint long-term fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Ben Roediger	Australian	Centenary Institute Newtown, Australia	Erwin Wagner	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	The role of monocytes and macrophages in pulmonary fibrosis
Jurjan Aman	Dutch	VU University Amsterdam, Netherlands	Martin R. Wilkins	Imperial College London, United Kingdom	Cathepsin B as a marker and mediator of progressive disease in pulmonary arterial hypertension

EMBO Long-Term Fellowships 2017: Geographical distribution

Applications

	Nationality																																			
Destination	Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Indian (A)	Irish	Israeli	Italian	Lithuanian	Luxembourgian	Maltese	Dutch	Norwegian	Polish	Portuguese	Singaporean (A)	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British	Eastern Europe	USA/Canada	Others	Total	
Austria	3							3	2		2					4							1					2				1		1	2	21
Belgium		1						3	2	1			1			2												2					2		6	20
Croatia			1																																1	1
Czech Republic																1																	1		1	3
Denmark				1				2	3	1			2		1					1		1					2	1	1		2				11	29
Estonia																																				
Finland						1			1				2			2						1							1			1				9
France		3		1				5	3	3			13	1	1	7				1		4	1		1		8		1	3	1	4	2	27	90	
Germany	1	2	2	2		2		8	6	3			7		4	7	1	1	2		4	2					10	2		4	6	2	13	31	122	
Greece																																				
Hungary													1																							1
Iceland																																				
India (A)													1																							1
Ireland										1			1														1			1						4
Israel	1					1			3	1			5									3	1					1		2			1			19
Italy				2									6			6						1					1							5		21
Lithuania																																				
Luxembourg																																				
Malta																																				
Netherlands	1	3	1					4	3	1			8		2	3						2	4				5				4	2	2	7		52
Norway											1														1		2								1	5
Poland													3																							3
Portugal								1	2				1			1							5				2							3		15
Singapore (A)									1				3			1																			5	
Slovak Republic																																				
Slovenia																																				
Spain		1						1	3	2			8		2	3				1		1	2				5					2	2	2	8	43
Sweden	1	2		1	1		2	4	10		1		5	1		7	1			4		2	1				10				3		4	9	69	
Switzerland	5	1		3				7	10				10			17				3		1	4	3			4			1	1	4	10	21	105	
Turkey																														1						1
United Kingdom		5		3	1	1	2	19	18	2	1		25	2	7	17				5		4	7				32			1	2	3	9	31	197	
EMBL				1				1	2																		1							3	8	
Eastern Europe																																				
USA/Canada	3	8	3	6	5		5	48	39	5			2	3	45	29	2			12		12	6		2	1	47	10	5	4	17			5	324	
Others	2	1					2	6	2							2				1		1	1				3				1				22	
Total	17	27	7	20	7	5	11	112	110	20	5	0	104	7	62	109	4	1	0	30	0	37	35	3	4	1	138	14	9	15	41	21	43	171	1190	

EMBO Long-Term Fellowships 2017: Geographical distribution

Awards

Destination	Nationality																					Total													
		Austrian	Belgian	Croatian	Czech	Danish	Estonian	Finnish	French	German	Greek	Hungarian	Icelandic	Indian (A)	Irish	Israeli	Italian	Lithuanian	Luxembourgian	Maltese	Dutch		Norwegian	Polish	Portuguese	Singaporean (A)	Slovak	Slovenian	Spanish	Swedish	Swiss	Turkish	British	Eastern Europe	USA/ Canada
Austria	1							2								1							1					1							7
Belgium																																		1	1
Croatia																																			
Czech Republic																																			
Denmark																															1				1
Estonia																																			
Finland																																			
France		1						1															1				1				1	1	1		8
Germany	1						3	3							1	3		1				1						2			1	3	4		23
Greece																																			
Hungary																																			
Iceland																																			
India (A)																																			
Ireland																																			
Israel								2					1										1							1					5
Italy													1																						1
Lithuania																																			
Luxembourg																																			
Malta																																			
Netherlands		1						1	1				2		1	1											1				1		1		10
Norway																																			
Poland																																			
Portugal								2															1												3
Singapore (A)																																			
Slovak Republic																																			
Slovenia																																			
Spain								1								1															1				3
Sweden									5														1											1	7
Switzerland				1				2	5				2			3							3							1			3	7	27
Turkey																																			
United Kingdom		3		1				3	5				1		2	4				3		1	1				2			1	1		3	7	38
EMBL									1																										1
Eastern Europe																																			
USA/Canada	1	3					2		10	1				1	10	4					4		2					10	2			3			53
Others																					1														1
Total	3	8		2			2	10	37	1			7	1	14	17		1		8		4	9				17	2	2	2	9	1	11	21	189

EMBO Advanced Fellowships →→

EMBO Advanced Fellowships offer an additional two years of funding for EMBO Long-Term Fellows who demonstrate exceptional progress in their postdoctoral work. The fellowship allows scientists to complete their postdoctoral research in the host laboratory and to establish their own line of research.

EMBO Advanced Fellowships awarded in 2017

Name	Nationality	Host laboratory	Group leader	Project
Tzachi Hagai	Israeli	European Bioinformatics Institute Hinxton Cambridge, United Kingdom	Sarah A. Teichmann	Investigating the mechanisms controlling regulatory evolution of innate immunity
Emanuel Rognoni	German	King's College London, United Kingdom	Fiona M. Watt	Defining dermal fibroblast lineage function and identity during development and disease
Roman Romanov	Russian	Medical University of Vienna, Austria	Tibor Harkany	Molecular and functional diversity of dopamine neurons in the hypothalamus
Marta Shahbazi Alonso	Spanish	University of Cambridge, United Kingdom	Magdalena Zernicka-Goetz	Revising pluripotency in 3D: From cell fate to tissue architecture
Daniel Christianus Swarts	Dutch	University of Zurich, Switzerland	Martin Jinek	Repurposing nucleic-acid guided nucleases for genome editing applications

EMBO Short-Term Fellowships →→

Short-Term Fellowships fund research exchanges of up to three months between laboratories in EMBC Member States, Associate Member States and countries and territories covered by a co-operation agreement. Their aim is to facilitate collaboration and provide access to different techniques and technologies.

EMBO Short-Term Fellowships: Statistics Applications and awards 2013–2017

Year	Applications	Awards	Success rate %
2017	588	281	48
2016	618	350	57
2015	401	194	48
2014	548	284	52
2013	561	280	50

Applications and awards 2013–2017

Country from*	Applications	% of total	Awards	% of total	Success rate %
Austria	38	1	24	2	63
Belgium	39	1	25	2	64
Croatia	15	1	7	1	47
Czech Republic	45	2	28	2	62
Denmark	34	1	26	2	76
Estonia	1	<1	1	<1	100
Finland	27	1	14	1	52
France	75	3	44	3	59
Germany	142	5	89	6	63
Greece	47	2	22	2	47
Hungary	43	2	21	2	49
Iceland	1	<1	1	<1	100
India (A)	145	5	49	4	34
Ireland	31	1	16	1	52
Israel	47	2	34	2	72
Italy	253	9	130	9	51
Lithuania	1	<1	1	<1	100
Luxembourg	0	0	0	0	0
Malta	2	<1	0	0	0
Netherlands	105	4	59	4	56
Norway	8	<1	7	1	88
Poland	70	3	42	3	60
Portugal	68	3	38	3	56
Singapore (A)	1	<1	0	0	0
Slovak Republic	7	<1	2	<1	29
Slovenia	17	1	11	1	65
Spain	695	26	358	26	52
Sweden	32	1	23	2	72
Switzerland	41	2	30	2	73
Turkey	51	2	20	1	39
United Kingdom	153	6	114	8	75
EMBL	5	<1	4	<1	80
Eastern Europe	76	3	27	2	36
USA/Canada	50	2	25	2	50
Others	351	13	97	7	28
Total	2716	99	1389	99	51

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Maria Merino	Argentinean	Instituto Nacional de Tecnología Agropecuaria Córdoba, Argentina	Elena Baraldi	Università Bologna, Italy	Analysis of susceptibility genes of crops in host-pathogen interactions: the main missing milestone for a modern agriculture
Javier María Peralta Ramos	Argentinean	National University of Córdoba Córdoba, Spain	Veerle Baekelandt	Katholieke Universiteit Leuven, Belgium	Systemic inflammation in the regulation of CNS immune surveillance after alpha-SYN induced synucleinopathy
María Eugenia Zurita	Argentinean	National University of La Plata La Plata, Argentina	Kingston Mills	Trinity College Dublin, Ireland	Assessment of long-term immune response induced by a third generation of pertussis vaccine based on outer membrane vesicles
Samia Elfekih	Australian	Commonwealth Scientific and Industrial Research Organisation Black Mountain, Australia	Chris Jiggins	University of Cambridge, United Kingdom	What makes some genotypes in the whitefly Bemisia tabaci complex invasive: a genomic perspective
Ulrike Binder	Austrian	Medical University Innsbruck, Austria	Victoriano Garré	Universidad Murcia, Spain	Bioluminescence imaging for in vivo monitoring of mucormycosis – generation of a Mucor circinelloides strain containing codon optimized luciferase
Christina Mauerhofer	Austrian	University Graz, Austria	Maria Fedorova	Universität Leipzig, Germany	Application of high resolution mass spectrometry for identification of active molecular species mediating protective effects of oxidized phosphatidylcholines on endothelial cells
Katerina Guzman	Belarusian	Universidad Politecnica Valencia, Spain	Ruth Massey	University Bath, United Kingdom	Evolution of Staphylococcus aureus virulence during its colonization of patients with cystic fibrosis
Christel Claes	Belgian	Katholieke Universiteit Leuven, Belgium	Sabina Tahirovic	Deutsches Zentrum für Neurodegenerative Erkrankungen (DZNE) München, Germany	Ex vivo amyloid plaque clearance by TREM2 mutated hPSC-derived microglia
Liselot Dewachter	Belgian	Katholieke Universiteit Leuven, Belgium	Miguel Vicente	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Investigating the role of ObgE in cell division through its connection to FtsZ
Hans Motte	Belgian	University Ghent, Belgium	Sandra Bensmihen	Laboratoire des Interactions Plantes-Microorganismes Castanet Tolosan, France	The transcriptional regulation of lateral root formation in Medicago truncatula: generating a dataset to unravel its conservation in evolution and its role in nodulation
Thiago Ferreira De Araujo Rosa	Brazilian	RWTH University Aachen, Germany	Marcelo Jacobs-Lorena	Johns Hopkins University Baltimore, United States	Mechanisms of complement evasion by Plasmodium parasites
Victoria Begley	British	Instituto de Biomedicina de Sevilla Sevilla, Spain	Domenico Libri	Institut Jacques Monod Paris, France	Consequences of Xrn1 depletion on nascent RNA pol II-dependent transcription by CRAC analysis

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Abigail Chahil	British	University of Liverpool, United Kingdom	Anja Kipar	University of Zurich, Switzerland	Application of quantitative magnetic resonance imaging to investigate the mechanistic basis of therapeutic interventions in drug-induced liver injury
Said Hafidh	British	Institute of Experimental Botany (IEB) Prague, Czech Republic	Eva Batanero	Universidad Complutense de Madrid (UCM) Madrid, Spain	A quest for an efficient method to isolate exosomes in tobacco pollen tubes
Ben Hopkins	British	University of Oxford, United Kingdom	Mariana Wolfner	Cornell University Ithaca, United States	How does a prostate-like tissue respond to rival males?
Rhys Jones	British	University Swansea, United Kingdom	Tom Gilbert	University Copenhagen, Denmark	The application of ancient DNA extraction methods on sub-optimal quality DNA from Welsh M. tuberculosis outbreak samples to gain DNA for whole genome sequencing (WGS) for outbreak resolution
Binuraj Menon	British	University of Manchester, United Kingdom	Wolfgang Fischle	MPI für biophysikalische Chemie Göttingen, Germany	Development of Halogenase based novel modular tools for enzyme labelling
Amy Ponsford	British	University of Liverpool, United Kingdom	Ira Milosevic	European Neuroscience Institute Göttingen, Germany	Development of a novel ratiometric pH indicator for intracellular studies of synaptic vesicle function and biogenesis through acidification in primary culture neurons
Rebecca Spiers	British	University of Oxford, United Kingdom	Katja Schenke-Layland	Fraunhofer Institute for Interfacial Engineering and Biotechnology Stuttgart, Germany	Utilising Raman microspectroscopy to determine the impact of donor age related extracellular matrix variations on the digestion of the human pancreas during islet isolation
Katherine Strong	British	Imperial College London, United Kingdom	Alexander Dalpke	Universität Heidelberg, Germany	Role of nuclear SOCS1 in regulating anti-viral immunity in asthma
Leslie Nash	Canadian	Ottawa Hospital Research Institute Ottawa, Canada	Matthew Wood	University of Oxford, United Kingdom	A novel approach to gene therapy for the treatment of spinal muscular atrophy
Carolina Castillo	Chilean	University Concepcion, Chile	Manuela García	Instituto Teófilo Hernando Madrid, Spain	Evaluation of neuroprotective effect of a new isoform of Epo without hematopoietic activity
Nicolás Fuenzalida	Chilean	Pontifical Catholic University of Chile Santiago de Chile, Chile	Ilona Grunwald	Technische Universität München, Germany	Study the changes of neural activity in mushroom body Kenyon cells and output neurons or dopaminergic input neurons that contribute to aging-dependent changes in innate olfactory behavior of Drosophila melanogaster
Yanbang Li	Chinese	University Amsterdam, Netherlands	Cris Kuhlemeier	University Bern, Switzerland	Involvement of cell compartments in the appearance of new pollination syndromes

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Lucia Nanić	Croatian	Ruder Boskovic Institute Zagreb, Croatia	Florian Gruber	Medical University of Vienna, Austria	Skin homeostasis and regeneration
Andrea Simeunovic	Croatian	Masaryk University Brno, Czech Republic	Karin Ljung	Swedish University of Agricultural Sciences Umeå, Sweden	Mechanisms of transcriptional regulation of local Auxin biosynthesis in fruit and seed of Arabidopsis thaliana
Bohumil Faflek	Czech	Masaryk University Brno, Czech Republic	Bon-Kyoung Koo	IMBA Vienna, Austria	E3 ubiquitin ligase targeting FGFR3
Jakub Harnos	Czech	Masaryk University Brno, Czech Republic	Carsten Hoffmann	University Würzburg, Germany	FLaSH-based FRET sensors for the analysis of Dishevelled conformation
Marketa Pernisova	Czech	Masaryk University Brno, Czech Republic	Karin Ljung	Swedish University of Agricultural Sciences Umeå, Sweden	Deciphering the mechanism by which different cytokinin types stimulate cytokinin signalling
Vratislav Peska	Czech	Institute of Biophysics Brno, Czech Republic	Sonia Garcia	Institut Botánico Barcelona, Spain	Deep space of plant genomes – hidden interaction and variability of telomeric and ribosomal DNA
Silvie Tomankova	Czech	Prague Institute of Biotechnology, Czech Republic	Lena Palmberg	Karolinska Institutet Stockholm, Sweden	The role of nitric oxide during development of multi-ciliated cells in human lung epithelia
Tomas Zelenka	Czech	IMBB – FORTH Heraklion, Greece	Dariusz Plewczynski	University Warsaw, Poland	Defining the SATB1-dependent 3D chromatin structure in CD4+ cells
Camilla Andersen	Danish	Aarhus University, Denmark	Philipp Selenko	Leibniz-Institut für Molekulare Pharmakologie (FMP) Berlin, Germany	In-cell NMR of alpha-Synuclein oligomer
Pernille Bogetoft Thomassen	Danish	Aarhus University, Denmark	Philip Van Damme	Katholieke Universiteit Leuven, Belgium	SorCS2 as a regulator of axonal regrowth – an in vivo study using the facial nerve crush injury model
Rasmus Kock Flygaard	Danish	Aarhus University, Denmark	Marat Yusupov	Institute of Genetics and Molecular and Cellular Biology (IGBMC) Illkirch, France	Crystal structure of hibernating ribosome dimer
Signe Lolle	Danish	University Copenhagen, Denmark	Maria Antonietta De Matteis	Università 'Federico II' Napoli, Italy	Human FAPP2 and autophagy
Jens Vogensen	Danish	University Copenhagen, Denmark	David Drew	Stockholm University, Sweden	Functional studies of full-length human NHE1 produced in yeast and reconstituted in liposomes: lipid dependence and interaction partners
Frans Bianchi	Dutch	Radboud University Nijmegen, Netherlands	Ulf Diederichsen	Universität Göttingen, Germany	Using bio-orthogonal chemistry to resolve the cross-presentation mechanisms of membrane-buried epitopes in dendritic cells

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
René Crans	Dutch	University Ghent, Belgium	Francisco Ciruela Alférez	Universitat de Barcelona Barcelona, Spain	Investigating G protein-coupled receptor heterodimers in specific brain regions by Proximity Ligation Assay and AlphaScreen Assay
Jorine Eeftens	Dutch	University of Technology Delft, Netherlands	Eric Greene	Columbia University New York, United States	Visualizing Condensin-induced DNA compaction with DNA curtains
Pim Huis In 't Veld	Dutch	MPI für molekulare Physiologie Dortmund, Germany	Marileen Dogterom	University of Technology Delft, Netherlands	A DNA nanospring to measure forces between reconstituted outer kinetochores and dynamic microtubules
Jitske Jansen	Dutch	Utrecht University, Netherlands	Melissa Little	Murdoch Childrens Research Institute Melbourne, Australia	Functional characterization of iPS-derived proximal tubule epithelial cells in organoids and renal tubules
Kim Kampen	Dutch	Katholieke Universiteit Leuven, Belgium	Karen Forsberg-Nilsson	Rudbeck Laboratory Uppsala, Sweden	Establishing and maintaining primary patient-derived glioblastoma cell cultures representative for the originating tumor in vitro and in vivo
Sam Schoenmakers	Dutch	Erasmus University MC Rotterdam, Netherlands	Mary Herbert	Newcastle University, United Kingdom	Analysis of pre- and postimplantation embryonic development after pronuclear transfer to prevent mitochondrial disease
Lizah Van Der Aart	Dutch	Leiden University, Netherlands	Michael Goodfellow	Newcastle University, United Kingdom	Determining biodiversity of antibiotic-producing Streptomycetes by taxonomic classification and cell wall analysis
Jolien Van Hooff	Dutch	Utrecht University, Netherlands	Toni Gabaldón	Centro de Regulación Genómica (CRG) Barcelona, Spain	Timing of large-scale gene duplications during eukaryogenesis
Judith Verhagen	Dutch	Erasmus University MC Rotterdam, Netherlands	David Hassel	Universität Heidelberg, Germany	Modeling human cardiovascular disease in zebrafish
Laila Ziko	Egyptian	The American University Cairo, Egypt	Peter Neubauer	Technische Universität Berlin, Germany	Expression and characterization of Polyketide Synthase type III enzyme identified from Atlantis II Red Sea brine
Hélène Chabas	French	Université II Montpellier, France	Edze Westra	University of Exeter Penryn, United Kingdom	Impact of host population composition on the probability of pathogen evolutionary emergence
Maud Combier	French	National Institute for Agronomical Research Colmar, France	Simona Radutoiu	Aarhus University, Denmark	In vitro production of RXLR effector proteins for the study of the molecular basis of the interaction between grapevine and Plasmopara viticola
Lucien Fabre	French	University of Basel, Switzerland	Yannick Schwab	EMBL Heidelberg, Germany	Study of sprouting angiogenesis by correlative light electron microscopy (CLEM) in zebrafish larvae
Muriel Lizé	French	Universität Göttingen, Germany	Sophie Lanone	Institut Mondor de Recherche Biomedicale Créteil Cedex, France	The p53 transcription factor protects respiratory function

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Constance Musseau	French	National Institute for Agricultural Research Villenave d'Ornon, France	Sabine Müller	Universität Tübingen, Germany	Functional characterization of the GUANYLATE BINDING PROTEIN (GBP) in plant, a new regulator of fruit tissue morphology in tomato
Florian Altegoer	German	Philipps-Universität Marburg, Germany	Tamir Gonen	HHMI Janelia Research Campus Ashburn, United States	MicroED for exploiting virulence factors at atomic resolution
Andreas Bock	German	Max-Delbrück-Centrum Berlin, Germany	Jin Zhang	University of California San Diego La Jolla, United States	Super-resolution imaging of cAMP nanodomains in intact cells
Mona Bodenhöfer	German	Universität Tübingen, Germany	Sine Reker Hadrup	Technical University of Denmark Lyngby, Denmark	Integration of ex vivo 3D microtumors with autologous, cytotoxic T cells expanded using artificial antigen-presenting scaffolds for miniaturized, cost-efficient preclinical assessment of personalized cellular cancer therapy
Miriam Butler	German	Radboud University Nijmegen, Netherlands	Jean-Pierre Bourquin	University Hospital Zurich, Switzerland	In vivo validation of a reverse genetics screen in Acute Lymphoblastic leukemia
Anna-Dorothea Gorki	German	Medical University of Vienna, Austria	Ido Amit	Weizmann Institute of Science Rehovot, Israel	Assessing the heterogeneity of alveolar macrophages upon bacterial infection using single-cell transcriptomics
Lisa Holper	German	University of Zurich, Switzerland	John J. Mann	Columbia University New York, United States	Brain mitochondrial cytochrome-c-oxidase assessed by fNIRS as potential biomarker in major depression
Jens Kieckbusch	German	University of Cambridge, United Kingdom	Niklas Björkström	Karolinska Institutet Stockholm, Sweden	The impact of pregnancy complications on human immune system development
Xenia Kobeleva	German	Universität Bonn, Germany	Gustavo Deco	Universitat Pompeu Fabra Barcelona, Spain	Models of cognition, structural and functional connectivity in neurodegenerative disorders
Johanna Krahmer	German	University of Edinburgh, United Kingdom	Mark Stitt	MPI für molekulare Pflanzenphysiologie Potsdam-Golm, Germany	Quantifying resource allocation in light signalling compromised plants
Nathalie Krauth	German	Aarhus University, Denmark	Roberto Malinow	University of California San Diego La Jolla, United States	Identifying aversive signalling inputs, a photometry approach
Thibaut Lagny	German	Institut Curie Paris, France	Satyajit (Jitu) Mayor	National Centre for Biological Sciences Bangalore, India	Influence of myosin 1b on Actin dynamics in cells
Monika Leischner Nee Brill	German	Technische Universität München, Germany	Carsten Janke	Institut Curie Orsay, France	The role of Tubulin-modifying enzymes during neuromuscular synapse elimination
Marco Löhrer	German	RWTH University Aachen, Germany	Lilian Amorim	University Sao Paulo, Brazil	Towards a better understanding of Phakopsora diseases on crop plants

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Sebastian Müller	German	University of Cambridge, United Kingdom	Reidunn B. Aalen	University Oslo, Norway	Exploring the epigenetic mechanisms of stress adaptation in plants
Hanna Reuter	German	Leibniz-Institut fuer Altersforschung Jena, Germany	Nadia Mercader Huber	University Bern, Switzerland	Analysis of wt1b (Wilms tumor gene 1b) function in regeneration in zebrafish
Cora Wiesner	German	University of Basel, Switzerland	Benjamin Hogan	The University of Queensland Brisbane, Australia	Analysis of junctional tension distribution and dynamics in remodeling endothelial cell junctions
Emilia Grypioti	Greek	University of Crete Heraklion, Greece	Angela Falciatore	Université 6 Pierre et Marie Curie (UPMC) Paris, France	Insight into RNA silencing pathways in the model diatom species <i>Phaeodactylum tricornutum</i> through CRISPR-Cas9 enabled reverse genetic approach
Alexandra Kanellou	Greek	University Patras, Greece	Gaetano Ivan Dellino	European Institute of Oncology (IEO) Milano, Italy	Implications of multi-step MCM2-7 loading for the replication timing program
Sofia Ira Ktena	Greek	Imperial College London, United Kingdom	Natalia Rost	Massachusetts General Hospital Boston, United States	Functional network differences in acute ischemic stroke patients
Maria-Eleni Lalioti	Greek	University Patras, Greece	Benedikt Berninger	Johannes-Gutenberg-Universität Mainz, Germany	The implication of Geminin in the lineage progression of the adult neural stem cells in the subependymal zone using ex vivo approaches
Minos-Timotheos Matsoukas	Greek	University Patras, Greece	Anastassis Perrakis	Netherlands Cancer Institute Amsterdam, Netherlands	Structure determination of the GHRHR extracellular binding domain in complex with novel non-peptide ligands
Myrto Rizou	Greek	Biomedical Research Foundation Athens, Greece	Christos Chatziantoniou	Hôpital Tenon Paris, France	The role of Calreticulin and the family of 14-3-3 proteins during the development of renal fibrosis
Nikoleta Sachini	Greek	IMBB – FORTH Heraklion, Greece	Eric Lam	Imperial College London, United Kingdom	Unravelling the mechanisms via which PML targets FOXM1 in breast cancer cells
Despoina Vassou	Greek	IMBB – FORTH Heraklion, Greece	Morten Allentoft	University Copenhagen, Denmark	Classification of archaeological remains by the means of population-specific genetic markers and comprehensive ancient DNA analysis
Dorottya Csuka	Hungarian	Semmelweis University Budapest, Hungary	Sakari Jokiranta	University of Helsinki, Finland	Use of next-generation sequencing to identify the role of sialic acid metabolism in thrombotic microangiopathies
Tivadar Danka	Hungarian	Biological Research Centre Szeged, Hungary	Theodore Alexandrov	EMBL Heidelberg, Germany	Microscopy guided analysis of mass spectrometry imaging data
Gergo Gogl	Hungarian	Eötvös Loránd University Budapest, Hungary	Susan Taylor	University of California San Diego, United States	Structural exploration of higher order signaling complexes of Ribosomal S6 Kinase (RSK)

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Adam Gosztolai	Hungarian	Imperial College London, United Kingdom	Martin Ackermann	ETH Zurich Dübendorf, Switzerland	Emergence of metabolic division of labour in structured populations
Viktória Kiss	Hungarian	Biological Research Centre Szeged, Hungary	Anne Ephrussi	EMBL Heidelberg, Germany	Investigating the function and localization of Atg9 in Drosophila oogenesis
Abel Vertesy	Hungarian	Hubrecht Institute Utrecht, Netherlands	Jean-Léon Maître	Institut Curie Paris, France	Transcriptional cascade of the first lineage commitment in early mouse embryos
Amandeep Singh Arora	Indian	European Neuroscience Institute Göttingen, Germany	Carsten Mim	Karolinska Institutet Stockholm, Sweden	The role of Fbxo32 protein in membrane remodeling by cryo-electron microscopy (cryo-EM) based structural visualization of purified Fbxo32 in its membrane bound state
Nasheeman Ashraf	Indian	Indian Institute of Integrative Medicine Jammu, India	Lourdes Gomez Gomez	University of Castilla-La Mancha Albacete, Spain	Identification of novel regulators of apocarotenoid biosynthesis in Crocus sativus
Vaibhav Bhatia	Indian	CABIMER Sevilla, Spain	Jeroen Krijgsveld	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Characterization of proteins associated with RNA:DNA-hybrids on replicating and non-replicating chromatin
Sourabh Bhide	Indian	EMBL Heidelberg, Germany	Thomas Lecuit	Aix-Marseille Université Marseille, France	Developing a high-throughput RNAi screen to identify genes involved in apical stretching of lateral mesodermal cells in Drosophila ventral furrow formation
Susmita De	Indian	National Institute of Technology Calicut Kerala, India	Martin Zacharias	Technical University of Munich Garching, Germany	Understanding the effect of Be-MHC protein binding in beryllium toxicity
Deekshit	Indian	Nitte University Mangalore, India	Seamus Fanning	University College Dublin, Ireland	Studying the genetic factors contributing to the survivability and adaptability of gut pathogens in antibiotic rich environment
Hemendra Pal Singh Dhaked	Indian	Indian Institute of Technology Mumbai, India	Michel O. Steinmetz	Paul Scherrer Institut Villigen, Switzerland	Determination of the structure of FtsZ in complex with the antibacterial agents BT-benzo-29 and SB-RA-2001
Pallavi Gaikwad	Indian	Savitribai Phule Pune University Pune, India	Konrad Forstner	University Würzburg, Germany	RNA seq based transcriptome analysis for Chironomus ramosus larvae after exposure to low dose of gamma radiation
Pallavi Gupta	Indian	Indian Institute of Technology Roorkee, India	Laura Ballerini	International School for Advanced Studies Trieste, Italy	Electrophysiology of neurons on carbon nanotubes reinforced polymeric scaffolds for neural tissue engineering applications
Shrikant Harne	Indian	Indian Institute of Science Education and Research Pune, India	Martin Pilhofer	ETH Zurich, Switzerland	Structural characterization of molecular machinery involved in Spiroplasma motility and helical shape determination

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Kavita Kavita	Indian	Guru Jambheshwar University of Science and Technology Haryana, India	Yvon Sterkers	Université II Montpellier, France	CRISPR-Cas9 mediated Gene knockout of amastigote specific genes in Leishmania donovani
Bharti Krishnamoorthy Dharapuram	Indian	Indian Institute of Science Bangalore, India	Katell Guizien	Observatoire océanologique de Banyuls-sur-Mer Banyuls sur Mer, France	Interpreting population genetics patterns in marine snails by simulating their larval dispersal in the Indian Ocean using oceanographic models
Sushma Krishnan	Indian	Indian Institute of Science Bangalore, India	Ewald Grosse-Wilde	MPI für Chemische Ökologie Jena, Germany	Investigating olfactory receptors to examine chemical dialects between figs and their wasps in geographically separate areas of India
Arunakar Kuchipudi	Indian	Humboldt University Berlin, Germany	Sergio Grinstein	University of Toronto, Canada	A novel lipid (phosphatidylthreonine)-regulated calcium homeostasis in Toxoplasma gondii
Ashwini Kumar	Indian	University of Helsinki, Finland	Simon Anders	Zentrum für Molekulare Biologie (ZMBH) Heidelberg, Germany	Identifying potential therapeutic niche by integrating functional and molecular profiling data for precision medicine in Acute Myeloid Leukaemia
Janesh Kumar	Indian	National Center for Cell Science (NCCS) Pune, India	Peter Peters	University Maastricht, Netherlands	Structural basis of Ionotropic Glutamate Receptor regulation by their cognate auxiliary proteins
Gajraj Singh Kushwaha	Indian	International Centre for Genetic Engineering New Delhi, India	Gert Bange	Philipps-Universität Marburg, Germany	Structural studies on catalytic domain of stringent response protein RelA
Suprabhat Mukherjee	Indian	Visva-Bharati University Santiniketan, India	Jagadeesh Bayry	French Institute of Health and Medical Research (INSERM) Paris, France	Regulation of human dendritic cells and T cell responses by filarial surface antigens
Sivaranjani Murugesan	Indian	Alagappa University Karaikudi, India	Mikael Skurnik	University of Helsinki, Finland	Elucidation of molecular mechanism of the antibacterial activity of alpha-Mangostin on Staphylococcus epidermidis cells through transcriptomic and proteomic approaches
Rohith Kumar Nellikka	Indian	Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram, India	Claudio E. Sunkel	Instituto de Biologia Molecular e Celular (IBMC) Porto, Portugal	To study the role of alpha-Fodrin in mitotic regulation
Anirban Paul	Indian	Gujarat Central Salt & Marine Chemicals Research Institute, India	Giuseppe Maruccio	Universita del Salento Lecce, Italy	Optimization of an impedance microfluidic platform based on plastic chip electrode for label free quantification of prostate specific antigen

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Name	Nationality	Home institute	Group leader	Host institute	Project
Sivan Pramod	Indian	Rubber Research Institute of India Kerala, India	Ewa Mellerowicz	Swedish University of Agricultural Sciences Umeå, Sweden	Role of pectins in biosynthesis of plant cuticle: an ultrastructural and immunolabelling study in mutant aspen plants overexpressing Pectate Lyase (PtxtPL1-27)
Nagender Rao Rameshwaram	Indian	Centre for DNA Fingerprinting and Diagnostics Hyderabad, India	Niclas Karlsson	University Gothenburg, Sweden	The glycosylation of Mycobacterium tuberculosis PPE68 protein – involvement in immunogenicity and virulence
Mukul Rawat	Indian	Indian Institute of Science Education and Research Pune, India	Jose-Juan Lopez-Rubio	Université II Montpellier, France	Characterization and comprehensive genome-wide analysis of histone acetyltransferase, GCN5 as a master regulator of stress responses in Plasmodium falciparum
Arshad Rizvi	Indian	University Hyderabad, India	Manolis Matzapetakis	Instituto de Tecnologia Química e Biologia Oeiras, Portugal	Comparative analysis of NMR data from sera samples of TB Indian and Portuguese patients for identification of differential metabolites
Prabha Devi Sankaran	Indian	National Institute of Oceanography Goa, India	Jan Tytgat	Katholieke Universiteit Leuven, Belgium	Studies on cono-toxins from the Indo-Pacific cones for research and medicinal application
Sheetal Sharma	Indian	Istituto FIRC Milano, Italy	Petr Cjeka	Institute for Research in Biomedicine Bellinzona, Switzerland	Biochemical characterization of DNA double strand break-induced transcription
Abhishek Vats	Indian	Sir Ganga Ram Hospital New Delhi, India	Tennore Ramesh	University Sheffield, United Kingdom	Establishing the zebrafish model to examine the proteotoxic effect of L84F SOD1 mutation associated with amyotrophic lateral sclerosis
Siddhi Vora	Indian	The Maharaja Sayajirao University of Baroda Vadodara, India	Simona Radutoiu	Aarhus University, Denmark	Adaptation of Sinorhizobium fredii NGR234 in the rhizosphere of the Cajanus cajan-Zea mays intercropping system
Mahes Wari	Indian	Mother Teresa Women's University Kodaikanal, India	Joseph Borg	University of Malta Msida, Malta	Development of mutation screening system to detect predisposition to osteoporosis for high throughput molecular diagnostics
Stephen Dolan	Irish	University of Cambridge, United Kingdom	Christoph Wittmann	Saarland University Saarbrücken, Germany	Utilising fluxomics to investigate carbon flux through the glyoxylate shunt in the bacterial pathogen Pseudomonas aeruginosa
David P. Walsh	Irish	Royal College of Surgeons in Ireland Dublin, Ireland	Nitin Joshi	Brigham and Women's Hospital Boston, United States	The development of an advanced, targeted siRNA loaded hydrogel for the treatment of inflammatory bowel disease
Shiri Graff Van Creveld	Israeli	Weizmann Institute of Science Rehovot, Israel	Thomas Mock	University of East Anglia Norwich, United Kingdom	Redox regulation of metacaspase activity and cell fate in marine diatoms

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Shelly Kalaora	Israeli	Weizmann Institute of Science Rehovot, Israel	Ugur Sahin	Johannes-Gutenberg-Universität Mainz, Germany	Dissection of neo-antigen reactive T cells and identification of their T Cell Receptor using single cell genomics
Ilana Shtein	Israeli	Ben-Gurion University of the Negev Beer-Sheva, Israel	Zoe A. Popper	National University of Ireland Galway, Ireland	Architecture, cell wall composition and biomechanical properties of climber stems: an interdisciplinary approach
Raz Zarivach	Israeli	Ben-Gurion University of the Negev Beer-Sheva, Israel	Damien Faivre	Max Planck Institut für Kolloid und Grenzflächenforschung Potsdam, Germany	In vitro molecular interaction analysis of magnetosome-associated protein with magnetite nano-particles
Mauro Agrò	Italian	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Jorge Ruas	Karolinska Institutet Stockholm, Sweden	Exploring the regulation of neurotrophic factors and frataxin gene expression by physical exercise in gene-modified mouse models
Giovanni Annona	Italian	Stazione Zoologica 'Anton Dohrn' Napoli, Italy	John Postlethwait	University of Oregon Eugene, United States	The evolution of Nitric Oxide Synthases in fish
Andrea Berardi	Italian	San Raffaele Institute / DIBIT Milano, Italy	Stefan Knapp	Goethe University Frankfurt, Germany	Structural insights into the PHDV-C5HCH tandem domain of the methyltransferases NSD1 and NSD2
Matteo Biancospino	Italian	Istituto Firc di Oncologia Molecolare Milano, Italy	Frances M. Brodsky	University College London, United Kingdom	Deciphering the role of Myosin VI and Clathrin Light Chain interaction
Giulia Bonetto	Italian	University of Crete Heraklion, Greece	Catherine Faivre-Sarrailh	CNRS Marseille, France	Study of the expression and the role of Contactin-2 (CNTN-2) and other axonal proteins in hippocampal inhibitory neurons
Nicolo Bonora	Italian	Universidad de Salamanca, Spain	Gavin Davey	Trinity College Dublin, Ireland	Regulation of autophagy by mitochondrial ROS in astrocytes: a molecular and imaging approach
Giovanna Butera	Italian	Università degli Studi Verona, Italy	Sónia Melo	Universidade Porto, Portugal	The functional link between mutant p53 and GAPDH in genetically engineered mouse models and clinical outcome of pancreatic ductal adenocarcinoma patients
Roberto Campagna	Italian	Università Politecnica delle Marche Ancona, Italy	Stefan Chlopicki	Jagiellonian University Krakow, Poland	Nicotinamide N-Methyltransferase gene silencing and overexpression in endothelial cell lines and their subsequent molecular and phenotypic characterization
Maria Caracausi	Italian	Università Bologna, Italy	Patrick Harrison	University College Cork, Ireland	Highly restricted Down syndrome critical region (HR-DSCR) editing by CRISPR/Cas9 system in trisomy 21 cell lines
Serena Cavallero	Italian	Università degli Studi di Roma 'Tor Vergata' Rome, Italy	Cinzia Cantacessi	University of Cambridge, United Kingdom	Comparative analyses of transcriptomes from zoonotic parasitic nematodes (Anisakis spp. and Hysterothylacium sp.)
Laura Civiero	Italian	Università di Padova, Italy	Marie-Eve Tremblay	Centre de recherche du CHUQ Quebec, Canada	Ultrastructural analysis of astroglial cells in LRRK2 mouse models

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Lorenza Di Ianni	Italian	Università Bologna, Italy	Jacques Pouyssegur	Université Nice, France	Exploring the role of LDH-A/LDH-B in cancer cells through genetic and pharmacological inhibition
Clara Di Vito	Italian	Istituto Clinico Humanitas Rozzano, Italy	Mirko Trilling	Universität Duisburg-Essen Essen, Germany	NK cell responses against HCMV and effects of HCMV in driving the expansion of NK cell subsets with memory-like responses after allogeneic bone marrow transplantation in patients affected by hematologic malignancies
Adele Gabba	Italian	National University of Ireland Galway, Ireland	Ulrika Westerlind	Leibniz-Institut für Analytische Wissenschaften Dortmund, Germany	Unimolecular multicomponent vaccines: development of MUC1/MUC4 epitope synthetic antitumor conjugated with GalNAc-MGL for immune stimulant and for vaccine targeting
Michele Gabriele	Italian	European Institute of Oncology (IEO) Milano, Italy	Nael Nadif Kasri	Radboud University Nijmegen, Netherlands	Functional dissection of the impact of KMT2D germline mutations in Kabuki Syndrome
Valentina Garrapa	Italian	Università degli Studi di Parma, Italy	Birgit Dreier	University of Zurich, Switzerland	Selection of new nanobodies suitable for diagnostic and therapeutic purposes
Beatrice Giuntoli	Italian	Institute of Life Sciences Pisa, Italy	Peter J. Ratcliffe	University of Oxford, United Kingdom	Red and green can sometimes be seen: establishment of a plant-derived N-end rule sensor in human cells
Francescopaolo Iavarone	Italian	Institute of Genetics and Biophysics 'Adriano Buzzati-Traverso' Napoli, Italy	Pura Muñoz-Cánoves	Universitat Pompeu Fabra Barcelona, Spain	Unraveling the role of Cripto in the inflammatory cells during skeletal muscle regeneration
Glenda Lassi	Italian	University of Bristol, United Kingdom	Christie Fowler	University of California Irvine, United States	Nicotine intravenous self-administration (IVSA) in mice and nicotine-related behaviour
Simona Mancini	Italian	Basque Center on Cognition, Brain and Language Donostia, Spain	Stefano F. Cappa	Istituto Universitario di Studi Superiori di Pavia Pavia, Italy	Linguistic and non-linguistic processing in the agrammatic brain: an artificial-grammar learning study
Francesca Mantile	Italian	CNR Napoli, Italy	Michael Heneka	Universität Bonn, Germany	The effects of anti-beta-amyloid immunization with a multimeric protein vaccine on neuroinflammation and neurodegeneration in a mouse model of Alzheimer's disease
Raffaella Mastrocola	Italian	Università Torino, Italy	Casper Schalkwijk	University Maastricht, Netherlands	Advanced glycation end products (AGEs) in the ceramide/sphingosine/sphingosine-1-phosphate disequilibrium in insulin resistance: mechanisms and molecular targets

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Enrichetta Mileti	Italian	Karolinska Institutet Science Park Huddinge, Sweden	Juan M Vaquerizas	MPI für Molekulare Biomedizin Münster, Germany	Identifying the role of enhancers in insulin mediated gene regulation in human subcutaneous white adipose tissue
Tommaso Pippucci	Italian	Policlinico Sant'Orsola- Malpighi Bologna, Italy	Erin Heinzen	Columbia University New York, United States	Identification of somatic mutations in malformations of cortical development
Federico Pratesi	Italian	Università Pisa, Italy	Michele Bombardieri	Queen Mary University of London, United Kingdom	Unraveling the role of autoantibodies in the pathogenesis of IgG4 related disease fibrosis
Delia Ricolo	Italian	Universitat de Barcelona Barcelona, Spain	Giorgio Gilestro	Imperial College London, United Kingdom	Does centrosome amplification affect sleep behavior?
Loris Rizzello	Italian	University College London, United Kingdom	Tambet Teesalu	University Tartu, Estonia	Molecular cell surface barcodes of infected macrophages
Concetta Valentina Tropeano	Italian	Università Bologna, Italy	José Antonio Enríquez Domínguez	Fundación Centro Nacional de Investigaciones Cardiovasculares Madrid, Spain	Expression of an exogenous alternative oxidase as a tool to investigate the respiratory complexes stability
Marcella Visentini	Italian	Università 'La Sapienza' Roma, Italy	Lill Mårtensson-Bopp	University Gothenburg, Sweden	Untangling the interplay of regulatory B cells and CD21low B cells in rheumatoid arthritis
Elsa Zacco	Italian	King's College London, United Kingdom	Severo Salvadori	University Ferrara, Italy	All-in-one therapeutics for neurodegeneration
Giulia Zancolli	Italian	University Bangor, United Kingdom	Martina Johnson Pokorná	Institute of Animal Physiology and Genetics AS CZ, Czech Republic	Mapping an arsenal: molecular cytogenetics of venom
Eugenio Zoni	Italian	University Bern, Switzerland	Axel Walch	Helmholtz Zentrum München Neuherberg, Germany	Identification of the metabolic signature for high risk and lethal prostate cancer
Fabienne Bejjani	Lebanese	Institut de Génétique Moléculaire (IGMM) Montpellier, France	Jim Hughes	University of Oxford, United Kingdom	Deciphering the role of Fra-1 in enhancer/ promoter communication in triple negative breast cancers
Moussa Warde	Lebanese	Universidad de Salamanca, Spain	Luca Scorrano	Università di Padova, Italy	The morphological mitochondrial adaptations of neurons to physiological oxygen levels in the presence of astrocytes
Mariana De Niz	Mexican	University of Glasgow, United Kingdom	Leann Tilley	University of Melbourne, Australia	Imaging-based structural analysis of Plasmodium berghei and Plasmodium falciparum components underlying deformability and mobility
Toril Holien	Norwegian	Norwegian University of Science & Technology (NTNU) Trondheim, Norway	Petra Knaus	Freie Universität Berlin, Germany	Regulation of Bone Morphogenetic Protein signaling in multiple myeloma

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Farhan Basit	Pakistani	Centre for Molecular Life Sciences Nijmegen, Netherlands	David Sancho	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Functional analysis of metabolic adaptations in BDCA3+ (CD141+) dendritic cells derived from healthy donors and cancer patients upon TLR-stimulation
Ateeq Ur Rehman	Pakistani	Biological Research Centre Szeged, Hungary	Christian Wild	Universität Bremen, Germany	Singlet oxygen mediated signaling responses and stressor effect on the photosynthetic apparatus of seaweeds
Klaudia Dębiec	Polish	University Warsaw, Poland	Alessio Mengoni	University of Florence Sesto Fiorentino, Italy	Analysis of the influence of acquisition of pSinA plasmid (conferring arsenite oxidation and resistance to arsenic) by plant symbiotic sinorhizobia on the arsenic phytoextraction process
Aleksandra Deczkowska	Polish	Weizmann Institute of Science Rehovot, Israel	Mathias Heikenwälder	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Deciphering the immune cell-tissue cross-talk in non-alcoholic fatty liver disease (NAFLD) at a single cell level: potential for immunotherapy
Adam Dobrowolski	Polish	University Wrocław, Poland	Irina Borodina	Technical University of Denmark Kongens Lyngby, Denmark	Engineering Yarrowia lipolytica for lipid biosynthesis using CRISPR-Cas9
Joanna Gawlik	Polish	University Warsaw, Poland	Joseph Strauss	University of Natural Resources & Life Sciences (BOKU) Vienna, Austria	The new role of KAEA, the highly conserved subunit of the KEOPS/EKC complex, in the model filamentous fungus Aspergillus nidulans
Katarzyna Klimczewska	Polish	University Warsaw, Poland	Jacek Kubiak	Université de Rennes 1 Rennes, France	Proteomic and functional analysis of protein kinase MELK: potential application for accelerated wound healing
Agata Kodroń	Polish	University Warsaw, Poland	Parvana Hajjeva	Johannes-Gutenberg-Universität Mainz, Germany	The analysis of oxidative stress and mitophagy in cells with mitochondrial DNA mutations responsible for Leber's hereditary optic neuropathy
Maria Śladowska	Polish	International Institute of Molecular and Cell Biology Warsaw, Poland	Michele Vendruscolo	University of Cambridge, United Kingdom	Accumulation of mitochondrial precursor proteins in cytosol can increase healthspan in Caenorhabditis elegans
Dominika Strzelecka	Polish	University Warsaw, Poland	Renato Zenobi	ETH Zurich, Switzerland	Investigation of inhibitor binding by methyltransferases using native ESI-MS
Aleksandra Sulkowska	Polish	University Warsaw, Poland	Cécile Bousquet-Antonelli	Université Perpignan, France	Contribution of translating ribosomes to the mechanism of plant NMD
Barbara Świerczek-Lasek	Polish	University Warsaw, Poland	Andrea Munsterberg	University of East Anglia Norwich, United Kingdom	The role of microRNAs in regulating Wnt signalling components during gastrulation in the chick embryo

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Przemysław Wieczorek	Polish	Institute of Plant Protection National Research Institute Poznan, Poland	József Burgyán	Agricultural Biotechnology Centre Gödöllő, Hungary	Deciphering host-virus interaction at the level of plant Argonaute protein and microRNA
Ana Filipa Batalha Martins	Portuguese	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Attila Toth	Technische Universität Dresden, Germany	Analysis of CDC14B function in mammalian male meiosis
Goncalo Brito	Portuguese	Karolinska Institutet Stockholm, Sweden	Karen Echeverri	University of Minnesota Minneapolis, United States	The role of microRNAs in the regulation of salamander limb regeneration
Mariana Carvalho	Portuguese	Avepark – Parque de Ciência e Tecnologia Guimarães, Portugal	Roman Truckenmüller	University Maastricht, Netherlands	Tissue engineered in vitro models on a chip for cancer research
Carolina Cassona	Portuguese	Instituto de Tecnologia Química e Biologia Oeiras, Portugal	Bruno Dupuy	Institut Pasteur Paris, France	In vivo studies on the link between toxinogenesis and sporogenesis in the human intestinal pathogen <i>Clostridium difficile</i>
Isa Gomes	Portuguese	Université 6 Pierre et Marie Curie (UPMC) Paris, France	Lionel Christiaen	New York University, United States	Using RNA-seq technology to characterize the Estrogen-Related Receptor-dependent gene network in the ascidian larval brain and impact of bisphenol A on the robustness of this gene regulatory network
Catarina Marques	Portuguese	University Aveiro, Portugal	Michael Schlöter	Helmholtz Zentrum München Neuherberg, Germany	Identification of microbial markers associated with colorectal cancer towards clinical applications
Ana Martins	Portuguese	University Lisbon, Portugal	Peter Bond	Agency for Science, Technology and Research A*STAR, Singapore	Understanding flavivirus capsid protein-RNA binding using Dengue virus as a model system
Sara Moreira	Portuguese	Universidade Porto, Portugal	Alan R. Fersht	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Validation and structural characterization of the binding of the new small molecule reactivator SLMP53-2 to mutant p53Y220C
Alexandra Balaceanu	Romanian	Institute for Research in Biomedicine Barcelona, Spain	Eric Westhof	Université Strasbourg, France	Unclogging RNA junctions: from de novo deep learning topology predictors to dynamics at atomic level
Alena Ivanova	Russian	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Clotilde Thery	Institut Curie Paris, France	Secretion mechanisms of Wnt proteins
Olga Makarova	Russian	Freie Universität Berlin, Germany	James Mason	King's College London, United Kingdom	Metabolomics of bacterial adaptation to surfactant antimicrobials

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Peter Marhavy	Slovak	University Lausanne, Switzerland	Junko Kyozyuka	Tohoku University Sendai, Japan	Localization of CASPs proteins and their role during evolution of Casparian strips
Mirjana Liovic	Slovene	University of Ljubljana Ljubljana, Slovenia	Dusko Ilic	King's College London, United Kingdom	Engineering a 3D full skin equivalent for epidermolysis bullosa simplex by using iPS cells generated from patient-derived primary keratinocytes
Valerija Vežočnik	Slovene	University of Ljubljana Ljubljana, Slovenia	Sylvie Roke	Swiss Federal Institute of Technology Lausanne, Switzerland	Characterisation of artificial lipid nanodroplets using second harmonic scattering and sum frequency scattering
Daša Zupančič	Slovene	University of Ljubljana Ljubljana, Slovenia	Janos Terzic	University Split, Croatia	The role of retinoid signaling pathway in urothelial cancer transformation
Chulmin Park	South Korean	Gregor Mendel Institute of Molecular Plant Biology Wien, Austria	Maria Pia Cosma	Centro de Regulación Genómica (CRG) Barcelona, Spain	Investigating the spatial organization of the Arabidopsis genome at the nucleosome level using super-resolution microscopy
Clara Aguilar Pérez	Spanish	Universidad Zaragoza, Spain	Priscille Brodin	Université Lille-Nord de France Lille, France	Evaluation of the antituberculosis activity of the peptide AS-48 in a model of infected macrophages
Patricia Altea Manzano	Spanish	Universidad Granada, Spain	Heather R. Christofk	University of California Los Angeles, United States	Adenovirus infection as a model system to study MYC-dependent metabolic reprogramming in cancer
Edgar Angelats Canals	Spanish	Universitat de Barcelona Barcelona, Spain	Horst Vogel	Swiss Federal Institute of Technology Lausanne, Switzerland	Study of the CB1, CB2 and GPR55 oligomers at a molecular level
Carlos Antón	Spanish	Universidad de Salamanca, Spain	Mara Duncan	University of Michigan Ann Arbor, United States	Exploring the relationship between exomer and AP-1 complexes, and a role for exomer at the trans-Golgi-network
Nerea Victoire Barruetabeña	Spanish	CIC biomaGUNE San Sebastian, Spain	Edward Bayer	Weizmann Institute of Science Rehovot, Israel	Development of ancestral cellulosome
Jesús Calahorra García-Moreno	Spanish	Universidad de Jaén Jaén, Spain	Amanda J Kiliaan	Radboud University Nijmegen, Netherlands	Effect of hydroxytyrosol in the recovery after an ischemic stroke
Violeta Calle Guisado	Spanish	Universidad de Extremadura Badajoz, Spain	Elisabetta Baldi	Università degli Studi Firenze, Italy	Molecular basis of the effect of environmental toxicants in human spermatozoa function
Xaquin Castro Dopico	Spanish	University of Edinburgh, United Kingdom	Joanna Rorbach	Karolinska Institutet Stockholm, Sweden	The role of mitochondria in vertebrate seasonal adaptations
Carlota Colomer	Spanish	Hospital del Mar Medical Research Institute (IMIM) Barcelona, Spain	Simon Boulton	The Francis Crick Institute London, United Kingdom	Deciphering the role of IKKalpha in the DNA damage response pathway

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Aranzazu Cruz Adalia	Spanish	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Eric Vivier	Centre d'Immunologie Marseille, France	Phenotypic characterization of innate lymphocytic cells 3 (ILC-3) and role of HIF-1 in the generation and physiological function of ILC-3 in homeostasis and during infectious inflammatory diseases
Cristina Cuesta Apausa	Spanish	Universidad de Salamanca, Spain	Patrick D'haese	University Antwerp, Belgium	Functional and cell biological validation of a unique model of chronic kidney disease with a tunable degree of renal failure
Marta Del Campo	Spanish	VU University Amsterdam, Netherlands	Alberto Rábano	Fundación Centro Nacional de Investigaciones Cardiovasculares Madrid, Spain	Specific lysosomal proteins as novel signatures of FTD pathogenesis
Pablo Del Cerro Sánchez	Spanish	Universidad Sevilla, Spain	Myriam Charpentier	John Innes Centre Norwich, United Kingdom	Study of the activation of the cyclic nucleotide-gated Ca ²⁺ -permeable channels responsible of the nucleoplasmic calcium signals during symbiotic processes in <i>Medicago truncatula</i>
Alberto Díez Sánchez	Spanish	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Geir Bjørkøy	Norwegian University of Science & Technology (NTNU) Trondheim, Norway	Autophagy and oxidative stress in cancer associated fibroblasts (CAFs): impact on inflammation and angiogenesis
Youssef El Mouali Benomar	Spanish	Universitat de Barcelona Barcelona, Spain	Jörg Vogel	University Würzburg, Germany	New mechanistic insights in the Spot42-mediated activation of hIL1D
Moises Exposito-Alonso	Spanish	MPI für Entwicklungsbiologie Tübingen, Germany	Rasmus Nielsen	University of California Berkeley, United States	Quantification of genome-wide selection in multiple experimental populations
Maitane Ezquerro	Spanish	BioDonostia Health Research Institute San Sebastian, Spain	Stephanie Haldford	John Radcliffe Hospital Oxford, United Kingdom	Identification of novel causal genes of inherited retinal dystrophies among patients from the Basque Country with a challenging diagnosis
Clara Fernández Álvarez	Spanish	Universidade Santiago de Compostela, Spain	Christopher J. Secombes	University Aberdeen, United Kingdom	Expression analysis and biological activity of the chemokine CXCL ₂ in rainbow trout
Marta Flandez	Spanish	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Ana Maria Cuervo	Albert Einstein College of Medicine Bronx, United States	Chaperone-mediated autophagy in the regulation of skeletal muscle stem cell functions
Javier Garzon	Spanish	University Aberdeen, United Kingdom	Massimo Lopes	University of Zurich, Switzerland	Electron microscopy visualization to understand how RIF1 stabilizes blocked replication forks

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Javier Gilabert-Juan	Spanish	French Institute of Health and Medical Research (INSERM) Paris, France	Marcos Malumbres	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	MCPH1 as a mediator in glycolysis activation and survival in neuroepithelial cells during mitosis
Juan José González Plaza	Spanish	Ruder Boskovic Institute Zagreb, Croatia	Kornelia Smalla	Julius Kühn Institut für Epidemiologie und Pathogendiagnostik Braunschweig, Germany	Environmental dissemination of antibiotic resistance genes
Katiuska González-Arzola	Spanish	Universidad Sevilla, Spain	Elisa Ferrando-May	Universität Konstanz, Germany	Analysis of the dynamics of the histone chaperone SET/TAF-Ibeta and cytochrome c under DNA damage
Silvia González-Rojo	Spanish	Universidad León, Spain	Rüdiger W Schulz	Utrecht University, Netherlands	Effect of ex vivo exposure to Bisphenol A, Gper-agonist G1 and Gper-antagonist G15 on zebrafish testicle explants
Salvador Guardiola	Spanish	Institute for Research in Biomedicine Barcelona, Spain	David Baker	University of Washington Seattle, United States	Computational design and evaluation of therapeutic peptide inhibitors of the EGF-EGFR interaction
Claudia Guasch Boldú	Spanish	Danish Cancer Research Center Copenhagen, Denmark	Patrick Meraldi	University of Geneva, Switzerland	The role of the Tubulin code in the spindle assembly checkpoint silencing
Francisco José Hermida Prado	Spanish	University Oviedo, Spain	George Vassiliou	Wellcome Genome Campus Hinxton, United Kingdom	Genetic and pharmacological characterization of SRPK1 gene as a novel therapeutic target in Acute Myeloid Leukaemia
Claudio Hidalgo	Spanish	Instituto de Productos Lácteos de Asturias Villaviciosa, Spain	Rodolphe Barrangou	North Carolina State University Raleigh, United States	Harnessing native CRISPR-Cas systems for healthy foods
Paula Jaime Sánchez	Spanish	Centro de Investigacion Biomedica de Aragon Zaragoza, Spain	Francesco Dazzi	King's College London, United Kingdom	Evaluation of the mechanism of cell death induced by car T cells in pancreatic cancer
Patricia Jarabo Blázquez	Spanish	Cajal Institute Madrid, Spain	Hector Herranz	University Copenhagen, Denmark	MicroRNA-dependent neurodegeneration in a Drosophila glioma model
Blanca Jimeno	Spanish	University Groningen, Netherlands	Elena Gómez-Díaz	Estación Biológica de Doñana Sevilla, Spain	Does epigenetics explain long-term effects of developmental adversity in the zebra finch?
Angel Llopis Gimenez	Spanish	Universidad Politecnica de Valencia Burjassot, Spain	Vera Ros	Wageningen University, Netherlands	Neuropeptide expression in caterpillar brains under Baculovirus infection. Linkage with tree-top disease
Núria López-Bigas	Spanish	Institute for Research in Biomedicine Barcelona, Spain	Duncan T. Odom	University of Cambridge, United Kingdom	Analysis of hundreds of mouse liver tumor genomes

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Alberto Domingo Lopez	Spanish	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Jonathan W. Yewdell	NIH Bethesda, United States	Role of Herpes Simplex Virus glycoprotein G: an in vivo imaging approach
Juan Carlos López	Spanish	Universidad Complutense de Madrid (UCM) Madrid, Spain	Andreas Diefenbach	Johannes-Gutenberg-Universität Mainz, Germany	Euroælsolation, characterization and in vitro culture of murine type-2 innate lymphoid cells (ILC2s). Describing the role of ILC2s in the immune responses to Ole e 1 allergen
Laura Lorenzo Sanz	Spanish	PEBC L'Hospitalet de Llobregat (Barcelona), Spain	Connie Jimenez	VU University Amsterdam, Netherlands	Identification of signalling pathways regulating cancer stem-like cell plasticity and skin carcinoma progression
Alba Lubeiro Juárez	Spanish	University Valladolid, Spain	Błażej Misiak	University Wroclaw, Poland	Inflammatory parameters in patients with psychosis and its relation with cognition and brain connectivity
Carlos Martí Gómez-Aldaraví	Spanish	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Claus Vogl	University of Veterinary Medicine Vienna, Austria	Probabilistic modeling of alternative splicing changes in mammalian evolution
Alberto Martí-Rodrigo	Spanish	University Valencia, Spain	Matthias Bartneck	Universitätsklinikum Aachen, Germany	Modulation of immune cell migration using selectin-directed nanocarriers
Ana Martín	Spanish	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Wolfgang Schamel	Universität Freiburg, Germany	Study of CCR5-mediated T cell receptor (TCR) nanoclustering by Blue Native-PAGE and the implication of ceramides in this process
Marta Martínez Calle	Spanish	Complutense University of Madrid (UCM) Madrid, Spain	Manuel Prieto	University Lisbon, Portugal	FRET studies of the pulmonary Surfactant Protein B (SP-B): oligomer stoichiometry and protein-protein interactions
Ana M Martínez Mariscal	Spanish	Universitat Autònoma de Barcelona Cerdanyola, Spain	Daniele De Sanctis	ESRF (European Synchrotron Radiation Facility) Grenoble, France	Unraveling the structure of the Mycoplasma genitalium trailing filament
María Inés Mateo	Spanish	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Patricia Salinas	University College London, United Kingdom	The role of elevated Sfrp1 levels to synaptic loss/instability associated with memory impairment in the adult brain
Paula Maza Márquez	Spanish	Universidad Granada, Spain	Gary L. Andersen	University of California Berkeley, United States	PhyloChip identification of nitrifying and denitrifying bacterial populations responsible for N2O emission in 4 full-scale wastewater treatment plants
Ángela Mérida-Florianó	Spanish	Universidad Sevilla, Spain	Jay Hinton	University of Liverpool, United Kingdom	Transcriptomic analysis of a yebEFG mutant in Salmonella enterica
Cristina Moreno Castro	Spanish	Instituto de Parasitología y Biomedicina 'López-Neyra' (IPBLN) Granada, Spain	David Stanek	Institute of Molecular Genetics ASCR, Czech Republic	Role of TCERG1 in the Biogenesis of snRNPs

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Verónica Moreno-Juan	Spanish	Universidad Miguel Hernandez San Juan de Alicante, Spain	Zoltán Molnár	University of Oxford, United Kingdom	Unravelling the mechanisms in the cross-modal plasticity after embryonic sensory deprivation
Virginia Murillo Garzón	Spanish	CIC bioGUNE Derio, Spain	Matthias Nees	University Turku, Finland	Analysis of the function of Wnt receptors in prostate cancer cell invasion using organotypic 3D cell culture and in vivo models
Daniel Nieto	Spanish	Universidade Santiago de Compostela, Spain	Hua Ye	University of Oxford, United Kingdom	Manufacturing 3D complex tissues for modelling cancer metastasis with heterogeneous tumor microenvironments
Ines Medelina Ocejo Sianturi	Spanish	Neiker Tecnalia Derio, Spain	Paul Cotter	Moorepark Teagasc Food Research Centre Cork, Ireland	Epidemiology of Campylobacter infection in chicken: variation of the caecal microbiota with age, breed and diet and its impact on infection as the basis for sustainable strategies to control colonization
Iñaki Osorio	Spanish	BioDonostia Health Research Institute San Sebastian, Spain	Matthew Wood	University of Oxford, United Kingdom	miR219 enriched exosomes as remyelination therapy in multiple sclerosis
Irene Pazos	Spanish	Institute for Research in Biomedicine Barcelona, Spain	Maho Hamasaki	Osaka University, Japan	The role of Drs2 in selective autophagy and its interplay with TRAPP1: a study at the ultrastructural level
Lorena Pardices	Spanish	Aragon Health Science Institute Zaragoza, Spain	Enrica Strettoi	CNR Institute of Neuroscience Pisa, Italy	Remodeling of inner retinal cells in mouse models of inherited photoreceptor degeneration: quantitative approaches
Carla Perez Cruz	Spanish	Universitat de Barcelona Barcelona, Spain	Udo Bläsi	Max F. Perutz Laboratories University of Vienna, Austria	Sequencing and transfer of small RNAs from membrane vesicles of Pseudomonas aeruginosa
Meritxell Perramon Corominas	Spanish	Institut D'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) Barcelona, Spain	Peter Olinga	University Groningen, Netherlands	Precision cut slices as an ex vivo model to evaluate cerium oxide nanoparticles' therapeutic properties
Samuel Pontes	Spanish	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Jean Livet	French Institute of Health and Medical Research (INSERM) Paris, France	Imaging of new, dual multispectral fluorescent mosaics during mouse angiogenesis and modelling of endothelial clonal dynamics
Irene Pradas	Spanish	Universitat de Lleida Lleida, Spain	Peter Meikle	Baker Heart and Diabetes Institute Melbourne, Australia	Lipidomics in healthy aging and cardiovascular disease
Leonor Puchades Carrasco	Spanish	Centro de Investigacion Principe Felipe (CIPF) Valencia, Spain	George Poulogiannis	Institute of Cancer Research London, United Kingdom	Identification of the metabolic hallmarks of 'BRCAness' in breast cancer

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
María Quirós Marin	Spanish	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Rogier W. Sanders	Academic Medical Centre Amsterdam, Netherlands	Generation and characterization of E1E2 native-like HCV proteins
Paula Ragel De La Torre	Spanish	Institute for Natural Resources and Agrobiology Sevilla, Spain	Karin Schumacher	Universität Heidelberg, Germany	Understanding the relationship between salt-stress response and cytosolic pH changes in plants
Maria Teresa Requena Navarro	Spanish	Universidad Granada, Spain	Joerg Albert	University College London, United Kingdom	Development of hearing and balance tests in a Drosophila model of familial Meniere disease
Irene Reyes	Spanish	Universitat de Barcelona Barcelona, Spain	Kjell Fuxe	Karolinska Institutet Stockholm, Sweden	GPR55 and cannabinoid CB1 and CB2 Receptor heteromers: insight into their structure and identification of heteromers in natural sources
Muntsa Rocafort	Spanish	AIDS Research Institute IrsiCaixa Badalona, Spain	Mahmoud Ghannoum	Case Western Reserve University Cleveland, United States	The gut mycobiome in HIV-1 infection
Elena Rodríguez Bovolenta	Spanish	Universidad Autonoma Madrid, Spain	Wolfgang Schamel	Universität Freiburg, Germany	Understanding the molecular mechanism of pre-TCR nanoclusters and its relevance in T cell development
Raquel Rodríguez Martinez	Spanish	University of Exeter, United Kingdom	Manu Tamminen	ETH Zurich Dübendorf, Switzerland	Developing epicPCR to evaluate natural viral host range in an important, cosmopolitan marine heterotroph
Alexandro Rodríguez-Rojas	Spanish	Freie Universität Berlin, Germany	Francesca Degrossi	Istituto di Biologia e Patologia Molecolari Roma, Italy	Asbestos mechanical damage of DNA or mitotic spindle as a molecular pathway for cancer
Daniel Romaus Sanjurjo	Spanish	Universidade Santiago de Compostela, Spain	Jennifer R. Morgan	Marine Biological Laboratory Woods Hole, United States	Role of GABA in the survival and regeneration of descending neurons following a complete spinal cord injury
Marc Rubio	Spanish	Universitat Autònoma de Barcelona Barcelona, Spain	Kathryn Harris	Great Ormond Street Hospital for Children London, United Kingdom	Molecular epidemiology of Mycobacterium abscessus complex
Sergio Ruiz Carmona	Spanish	Universitat de Barcelona Barcelona, Spain	Andreas Bender	University of Cambridge, United Kingdom	A synergistic approach for drug discovery: genes, structures and drugs
Lidia Ruiz	Spanish	CIBIR – Center for Biomedical Research of La Rioja Logrono, Spain	Ibrahim M. Banat	Ulster University Coleraine, Ireland	Detection and characterisation of the biosurfactant production among non-pathogenic Pseudomonas spp
Álvaro Sahún	Spanish	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Nicola Smart	University of Oxford, United Kingdom	Insights into cardiac (re)vascularization: is the MT4-MMP protease a new player?

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
David Sanchez Hernandez	Spanish	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Steffen Scholpp	University of Exeter, United Kingdom	Establishing a zebrafish experimental model for the role of cytonemes in Hedgehog signalling
Sandra Sanchez-Gonzalez	Spanish	Universidad de Cantabria Santander, Spain	Hua Ye	University of Oxford, United Kingdom	Investigation of novel polymer-graphene composites as culture substrates that modulate the differentiation, connectivity and electrical activity of human iPSC-derived neurons
Naroa Serna Romero	Spanish	Universitat Autònoma de Barcelona Barcelona, Spain	Jean Paul Medema	Academic Medical Centre Amsterdam, Netherlands	Targeting cancer stem cells in primary colon spheroids with intrinsically functional protein only nanoparticles
Olga Serra	Spanish	University Girona, Spain	Niko Geldner	University Lausanne, Switzerland	The role of Casparian strip membrane domain proteins-like (CASPLs) in the periderm cell wall modification
Almudena Serrano Benitez	Spanish	CABIMER Sevilla, Spain	Daniel Durocher	Mount Sinai Hospital Toronto, Canada	Screening by CRISPR-Cas9 technology to identify the molecular role of ATM in DNA double-strand breaks repair
Arrate Sevilla Mambilla	Spanish	University of the Basque Country Leioa, Spain	Carsten Carlberg	University of Eastern Finland Kuopio, Finland	Evolutionary relevance of vitamin D as regards human skin pigmentation
Fernando Sotillo	Spanish	Institute for Research in Biomedicine Barcelona, Spain	Günter Weiss	Medical University Innsbruck, Austria	Lysinuric Protein Intolerance mouse model develops abnormal iron accumulations
Aleix Tarrés-Solé	Spanish	Instituto de Biología Molecular de Barcelona (IBMB) Barcelona, Spain	Éric Le Cam	Institut Gustave Roussy Villejuif, France	Functional analysis of DNA binding and compaction by Candida albicans mitochondrial DNA packaging factor Gcf1p
Montse Tersa	Spanish	CIC bioGUNE Derio, Spain	Lena Mäler	Stockholm University, Sweden	Secondary structure reshuffling modulates glycosyltransferase function at the protein-lipid interface
Rubén Torres	Spanish	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Sigal Ben-Yehuda	Hebrew University Jerusalem, Israel	Dynamics of Bacillus subtilis DisA upon DNA damage at the onset of sporulation
María Jesús Villanueva Millán	Spanish	CIBIR – Center for Biomedical Research of La Rioja Logrono, Spain	Jelle Matthijssens	Katholieke Universiteit Leuven, Belgium	Set up and characterization of gut viroma in infectious diseases: implications in the treatment of hepatitis C
Marina Villanueva	Spanish	Universidad Pablo de Olavide Sevilla, Spain	Malin Parmar	Lund University, Sweden	Direct reprogramming of fibroblasts derived from patients with mitochondrial diseases into neurons
Adria Voltes	Spanish	Universitat Pompeu Fabra Barcelona, Spain	Caren Norden	MPI für molekulare Zellbiologie und Genetik Dresden, Germany	Unveiling the role of YAP/TAZ-TEAD activity in a pool of hindbrain progenitors

EMBO Short-Term Fellowships awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Dulika Sumathipala	Sri Lankan	University Hospital Oslo, Norway	Christian Gilissen	Radboud University Nijmegen, Netherlands	Exploring pathogenicity of non-coding variants in WGS data – a novel strategy to analyze patients with unexplained progressive encephalopathy
Charles Laidi	Swiss	École des Neurosciences Paris, France	Michael P. Milham	Child Mind Institute New York, United States	Cerebellar connectivity in autism spectrum disorders: a resting state functional MRI study
Heng-Chang Chen	Taiwanese	Centro de Regulación Genómica (CRG) Barcelona, Spain	Pierre-Antoine Defossez	Université Diderot (Paris 7) Paris, France	Genome-wide screening for the host genes involved in HIV latency
Yao-Pin Lin	Taiwanese	Academia Sinica Taipei, Taiwan	Josef Komenda	Centre Algatech Trebon, Czech Republic	Studies on the biochemical and biological functions of Chlorophyll Dephytylase homologs in cyanobacteria
Yu-Hsuan Tsai	Taiwanese	Cardiff University, United Kingdom	Young-Tae Chang	Bioimaging Consortium Singapore, Singapore	Fluorescent labeling of P2X receptors to investigate subtype interactions and trafficking in cells
Erden Eren	Turkish	Dokuz Eylul University Izmir, Turkey	Christian Haass	Deutsches Zentrum für Neurodegenerative Erkrankungen (DZNE) München, Germany	Evaluating the potential of neuroinflammation markers in biological fluids as candidate biomarkers for monitoring Alzheimer's disease progression
Ozge Sensoy	Turkish	Medipol University Istanbul, Turkey	Xavier Deupi	Paul Scherrer Institut Villigen, Switzerland	Identification of intermediate active states of G Protein-Coupled Receptors by Phi-value analysis and molecular dynamics simulations
Hande Topel	Turkish	Dokuz Eylul University Izmir, Turkey	Jan-Wilhelm Kornfeld	MPI für Stoffwechselforschung Köln, Germany	Investigating the metaboregulatory characteristics of lncRNA 4833411C07Rik
Dilek Unal	Turkish	Bilecik Seyh Edebali University Bilecik, Turkey	Alejandro Ferrando	Universidad Politecnica Valencia, Spain	Metabolic switches and protein biosynthesis for pollen thermotolerance
Meral Yüce	Turkish	Sabancı University Istanbul, Turkey	Tony Cass	Imperial College London, United Kingdom	Evaluation of binding characteristics of selected DNA aptamers to tyrosine kinase domains of fibroblast growth factor receptor proteins
Iuliia Viediarnikova	Ukrainian	Leibniz-Institute for Natural Product Research Jena, Germany	Thierry Soldati	University of Geneva, Switzerland	An investigation of the evolutionary origin and defensive role of extracellular traps by social amoeba against filamentous fungi
William Palmer	US-American	University of Edinburgh, United Kingdom	Ronald van Rij	Radboud University Nijmegen, Netherlands	Identification and characterisation of immune suppressors in Kallithea virus
David Thaller	US-American	Yale University School of Medicine New Haven, United States	Martin Beck	EMBL Heidelberg, Germany	How to build a 100 MegaDalton protein assembly in living cells

ERS | EMBO joint short-term fellowship awarded in 2017

Name	Nationality	Home institute	Group leader	Host institute	Project
Veronica Alfieri	Italian	University of Parma, Italy	Elisabetta Renzoni	Royal Brompton Hospital London, United Kingdom	Chronic pulmonary aspergillosis in sarcoidosis: investigation into macrophage immune defects in response to Aspergillus fumigatus

EMBO Short-Term Fellowships 2017: Geographical distribution

Applications

To	From*	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	India (A)	Ireland	Israel	Italy	Lithuania	Luxembourg	Malta	Netherlands	Norway	Poland	Portugal	Singapore (A)	Slovak Republic	Slovenia	Spain	Sweden	Switzerland	Turkey	United Kingdom	EMBL	Eastern Europe	USA/Canada	Others	Total	
Austria				1	1																		1				1	4						1			9	
Belgium						1								1													4				2				2	10		
Croatia	1													1													1			1						4		
Czech Republic																												1				1				2	4	
Denmark								1	1	1	1			2							1	2						4				1			2	16		
Estonia																																1				1		
Finland												2		2			1											3								8		
France		1		1	1					7	3			5			5				1		3	1				18		1		1	1			5	54	
Germany	1	2	1	1	1		2	2			3	1		6	1	3	4				2	1	3	2				20	1	1	3	6			1	9	77	
Greece																																						
Hungary														1									1													3		
Iceland																																						
India (A)									1					1		1																				3		
Ireland														1		1	1											3								1	7	
Israel	1																3											2							1	7		
Italy				1	1	1		1	2	2	2			6		1							2					12	1			1	1			5	39	
Lithuania																																						
Luxembourg																								1													1	
Malta														1																							1	
Netherlands			1						1	2	1			2			4					1		2					9	1	1		2			1	2	30
Norway								1																				2					2				6	
Poland											1						1											1									3	
Portugal														2			1											4									7	
Singapore (A)									1					4										1								1					7	
Slovak Republic																																						
Slovenia				1																																	1	
Spain	2	2	1	3					2	3				2			4				5		1	1							1	1				12	40	
Sweden			1		3	1		1	1	2				4	2		1											12					4			1	34	
Switzerland						1			1	3				2			2					3	1					1	5			1	4				2	26
Turkey																																						
United Kingdom			2		3			1	3	2	3	1		10		2	6				4		2	1				2	42			2				1	5	92
EMBL												2					1													1						1	1	6
Eastern Europe																																						
USA/Canada	1					1			6	9		1		1	1		10				4		1	1				29	1	1	2	7					1	77
Others									1	2				1			1				1							5		2		1					1	15
Total		6	9	5	13	7		7	22	33	14	7		55	4	8	45				22	2	17	10			5	181	4	8	11	33	1	4	4	51	588	

* "From" refers to home institute (see list on pages 46–68)

EMBO Short-Term Fellowships 2017: Geographical distribution

Awards

To	From*	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	India (A)	Ireland	Israel	Italy	Lithuania	Luxembourg	Malta	Netherlands	Norway	Poland	Portugal	Singapore (A)	Slovak Republic	Slovenia	Spain	Sweden	Switzerland	Turkey	United Kingdom	EMBL	Eastern Europe	USA/Canada	Others	Total
Austria				1	1																		1					3									6
Belgium						1								1													2								1	5	
Croatia																											1									1	
Czech Republic																												1							1	3	
Denmark									1	1	1			1									1					1				1				7	
Estonia																																1				4	
Finland												1		1														2								1	
France		1				1				3	3			4			1				1		2	1				8					1			26	
Germany	1	1	1	1	1		1	1			1	1		4	1	3	3				2	1	1	1				10	1	1	2	6			2	47	
Greece																																					
Hungary																							1													1	
Iceland																																					
India (A)									1																											1	
Ireland														1		1	1											3							1	7	
Israel	1																											2								3	
Italy						1				1	1			2									1					4				1			1	12	
Lithuania																																					
Luxembourg																																					
Malta															1																					1	
Netherlands										1	1			1			2					1		1				7			1					15	
Norway																												1			1					2	
Poland											1						1											1								3	
Portugal														2			1								1			1					1			4	
Singapore (A)																								1								1				2	
Slovak Republic																																					
Slovenia																																					
Spain	2	2			2				1	1				1			2				4										1					1	
Sweden			1		3	1				1				2			1											4				2				15	
Switzerland						1				2				2			2				2		1				1	2			1	4				18	
Turkey																											1	2									
United Kingdom									2	1	1			1		1	4				2		2	1			1	21			1				1	1	
EMBL												2																		1					1	4	
Eastern Europe																																					
USA/Canada						1			2	5		1			1		3				1							10	1	1		3				29	
Others										1											1							2		2		1				7	
Total		4	5	2	7	7		1	8	17	9	5		24	2	5	21				13	2	10	5			3	85	2	5	5	23	1		2	8	281

* “From” refers to home institute (see list on pages 46–68)

EMBO Young Investigators

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

yip@embo.org

Through the Young Investigator Programme, EMBO identifies and supports some of the best young researchers in the life sciences. EMBO Young Investigators are group leaders in the early stages of setting up an independent laboratory in EMBC Member States, Associate Member States or countries and territories covered by a co-operation agreement.

Gerlind Wallon
Programme Manager

EMBO Young Investigators 2017

Name	Nationality	Institute	Research interest	Country
Filipe Cabreiro	Portuguese	University College London	Bacteria as macromolecular machines regulating drugs and diet on host healthspan	GB
Jeffrey Chao	American	Friedrich Miescher Institute, Basel	Imaging the life and death of mRNAs in single cells	CH
Maria Luisa Cochella	Argentinean	IMP, Vienna	Transcriptional and post-transcriptional origins of cellular diversity	AT
Katie Doores	British	King's College, London	Targeting glycosylation in infectious diseases	GB
Luca Giorgetti	Italian	Institut Curie, Paris	Biophysical mechanisms of long-range transcriptional regulation	FR
Axel Innis	French	Institut Européen de Chimie et Biologie (IECB), Pessac	Ribosome inhibition by nascent or antimicrobial peptides	FR
Nicola Iovino	Italian	Max Planck Institut für Immunbiologie und Epigenetik, Freiburg	Epigenetic regulation of fertilization	DE
Manuel Irimia	Spanish	Centro de Regulación Genómica (CRG), Barcelona	Transcriptomics of vertebrate development and evolution	ES
Sonja Lorenz	German	Würzburg University	Elucidating the structural mechanisms of ubiquitin signaling	DE
Dahai Luo	Singaporean	NTU Lee Kong Chian School of Medicine, Singapore	Molecular mechanisms of viral infection and host defense	SG
Joao Matos	Portuguese	ETH Zurich	Controlling nucleases that determine our genetic make-up	CH
Daniel Messerschmidt	German	Institute of Molecular and Cell Biology (IMCB), Singapore	Epigenetic reprogramming and its implications in development and disease	SG
Patrick Müller	German	Friedrich-Miescher-Laboratorium der Max-Planck-Gesellschaft, Tübingen	Quantitative analysis, control, and engineering of embryonic signaling systems	DE
Elizabeth Murchison	British	University of Cambridge	Genetics and evolution of transmissible cancers in dogs and Tasmanian devils	GB

EMBO Young Investigators 2017

Name	Nationality	Institute	Research interest	Country
Vladimir Pena	Romanian	Max Planck Institut für biophysikalische Chemie, Göttingen	Structural basis of splicing regulation and DNA-based catalysis	DE
Hendrik Poeck	German	Technische Universität München	Cytosolic nucleic acid sensors in tissue regeneration and cancer immunotherapy	DE
Sophie Polo	French	Université Diderot, Paris	Epigenome maintenance in response to DNA damage	FR
Magdalini Polymenidou	Greek	University of Zurich	Molecular Pathogenesis of Neurodegenerative Diseases	CH
Alvaro Rada-Iglesias	Spanish	University of Cologne	Transcriptional regulation in development and congenital disease	DE
Guadalupe Sabio	Spanish	Centro Nacional de Investigaciones Cardiovasculares (CNIC), Madrid	p38MAPK: a new perspective for an old signaling pathway	ES
Schrage Schwartz	Israeli	Weizmann Institute of Science, Rehovot	Cracking the epitranscriptome	IL
Elena Seiradake	Greek	University of Oxford	Adhesion GPCR complexes	GB
Arun Shukla	Indian	Indian Institute of Technology, Kanpur	Structure, function and allosteric modulation of G Protein-Coupled Receptors	IN
Noam Stern-Ginossar	Israeli	Weizmann Institute of Science, Rehovot	Elucidating molecular networks of viral-host interaction	IL
Joanna Sulkowska	Polish	Warsaw University	Mysteries of entanglement – SPOUT methyltransferases enzymes.	PL
Dario Riccardo Valenzano	Italian	Max Planck Institute for Biology of Ageing, Cologne	Evolutionary and experimental biology of ageing	DE
Louis Vermeulen	Dutch	Academic Medical Centre, Amsterdam	Colon cancer heterogeneity: stem cells, signals and subtypes	NL
Yue Wan	Singaporean	Genome Institute, Singapore	Targeting infectious disease through new RNA genomics technologies	SG

Applications and awards 2013–2017

Country from*	Applications	% of total	Awards	Success rate %	% of total
Austria	27	2.6	8	29.6	6.3
Belgium	25	2.4	2	8.0	1.6
Croatia	3	0.3	0	0	0
Czech Republic	10	1	0	0	0
Denmark	20	1.9	3	15.0	2.4
Estonia	0	0	0	0	0
Finland	18	1.7	0	0	0
France	105	10.1	16	15.2	12.7
Germany	130	12.5	22	16.9	17.5
Greece	4	0.4	0	0	0
Hungary	4	0.4	0	0	0
Iceland	2	0.2	0	0	0
Ireland	7	0.7	0	0	0
Israel	41	3.9	7	17.1	5.6
Italy	50	4.8	3	6.0	2.4
Luxembourg	2	0.2	1	50.0	0.8
Netherlands	40	3.8	4	10.0	3.2
Norway	4	0.4	0	0	0
Poland	3	0.3	1	33.3	0.8
Portugal	52	5	0	0	0
Slovakia	1	0.1	0	0	0
Slovenia	0	0	0	0	0
Spain	87	8.4	8	9.2	6.3
Sweden	35	3.4	2	5.7	1.6
Switzerland	51	4.9	15	29.4	11.9
Turkey	5	0.5	0	0	0
United Kingdom	190	18.3	24	12.6	19
Singapore	19	1.8	7	36.8	5.6
Taiwan	9	0.9	1	11.1	0.8
India	88	8.5	2	2.3	1.6
Others	7	0.7	0	0	0
Total	1040		126		

EMBO Young Investigator Lectures 2017

Young Investigator	Conference	Location	Date
Karin De Visser	Cell Plasticity within the Tumor Microenvironment	US-Big Sky, Montana	8–12 January
Priscille Brodin	New Developments in Our Basic Understanding of Tuberculosis	CA-Vancouver, British Columbia	14–18 January
Caren Norden	YB50: An Incomplete Picture of Asymmetric Cell Division (symposium)	CH-Zurich	27 January
Yuki Nakamura	Gordon Research Conferences – Plant Lipids: Structure, Metabolism & Function	US-Galveston, TX	29 January–3 February
David Drew	42nd Lorne Conference for Protein Structure and Function	AU-Lorne, Victoria,	5–9 February
Evi Soutoglou	38th Annual Lorne Genome Conference	AU-Victoria	12–14 February
Isabel Bäurle	38th Annual Lorne Genome Conference	AU-Victoria	12–14 February
Andrea Alimonti	Senescence & Aging Mini-Symposium	US-Boston	7 March
François Leulier	Gordon Research Conference on IGF & Insulin System in Physiology & Disease	US-Ventura, CA	12–17 March
Ana Jesus Garcia Saez	Cell Death, Cell Stress and Metabolism Conference	MX-Cancun	14–17 March
Kristin Tessmar-Raible	12th Meeting of the German Neuroscience Society, Symposium Title: Neuronal Circuits Underlying Biological Timekeeping	DE-Göttingen	22–25 March
Nicolas Plachta	Hunter Meeting 2017	AU-Hunter Valley	3–7 April
Florent Ginhoux	Mononuclear Phagocytes in Health, Immune Defense and Disease	US-Austin, Texas	30 April–4 May
Ido Amit	Mononuclear Phagocytes in Health, Immune Defense and Disease	US-Austin, Texas	30–4 April
Kim Jensen	Epithelial Differentiation and Keratinization	IT-Tuscany	7–12 May
Manuel Thery	Jacques Monod Conference “Actin and microtubule cytoskeleton: Bridging scales from single molecules to tissues”	FR-Roscoff	8–12 May
Michael Potente	Angiogenesis and Vascular Disease meeting, Keystone Symposia	US- Santa Fe, New Mexico	8–12 May
Martin Lenz	Jacques Monod Conference “Actin and microtubule cytoskeleton: Bridging scales from single molecules to tissues”	FR-Roscoff	8–12 May
Suzan Roijakkers	Immunology 2017	US-Washington, DC	12–16 May
Kim Jensen	EMBO Conference: Advances in Stem Cells and Regenerative Medicine	DE-Heidelberg	23–26 May
Matteo Iannacone	EMBO Workshop an Antigen Processing and Presentation	ES-Salamanca	28–31 May
Isabel Bäurle	Annual Meeting of the Gulbenkian Students – AMeeGuS	PT-Lourinhã	28–31 May

EMBO Young Investigator Lectures 2017

Young Investigator	Conference	Location	Date
Mads Gyrd-Hansen	Cell Death and Inflammation meeting, Keystone	IE-Dublin	29 May – 2 June
Yuki Nakamura	8th European Symposium on Plant Lipids	SE-Malmö	2 – 5 June
Kikue Tachibana-Konwalski	Structural Maintenance of Chromosomes proteins 2017	JP-Yamagata	13 – 16 June
Pedro Nuno Chaves Simoes De Carvalho	From Unfolded Proteins in the ER to Disease	US-Vermont	18 – 23 June
Marek Basler	Microbial Adhesion & Signal Transduction	US-Rhode Island	23 – 28 June
Yogesh Kulathu	Deubiquitinases – from structure to physiology	GB-Oxford	26 – 28 June
Anna Sablina	Deubiquitinases – from structure to physiology	GB-Oxford	26 – 28 June
Jan-Willem Veening	Europneumo, European conference on pneumococcal infections, held every second year in different countries in Europe with few invited speakers	SE-Stockholm	27 – 30 June
Gaëlle Legube	2nd Zing Genomic Integrity Conference	IE-Dublin	9 – 13 July
Stefan Ameres	EMBO Conference on Eukaryotic RNA Turnover	GB-Oxford	10 – 13 July
Nicolas Plachta	Society for Developmental Biology 76th Annual Meeting	US-Minneapolis	13 – 17 July
Pablo Huertas	FASEB Conference on Genetic Recombination and Genome Rearrangements	US-Austin	16 – 21 July
Yuki Nakamura	EMBO Conference on Redox Biology 2017	RU-Moscow	16 – 23 July
Lori Passmore	EMBO Conference: RNA localisation and local translation	IT-Barga	23 – 27 July
François Leulier	Gastrointestinal Tract XVII: Current Biology of the GI tract, Mucosa, Microbiota, and Beyond	US-Steamboat Springs, Colorado	30 July – 4 August
Martin Lenz	Soft Matter In and Out of equilibrium	US-New London, New Hampshire	9 – 14 August
Ana Jesus Garcia Saez	Cell Death, Cold Spring Harbor Laboratory	US-Cold Spring Harbor	15 – 16 August
Pedro Nuno Chaves Simoes De Carvalho	The Pleiotropic Nuclear Envelope	GB-Edinburgh	22 – 25 August
Grzegorz Kudla	28th International Conference on Yeast Genetics and Molecular Biology (28th ICYGB)	CZ-Prague	27 August – 1 September
Hai-Kun Liu	Gene regulatory mechanisms in neural fate decisions	ES-Alicante	7 – 10 September
Nicolas Plachta	The FEBS Young Scientists' Forum (YSF)	IL-Jerusalem	10 – 14 September
Michelle Linterman	19th International Conference on Lymphatic Tissues and Germinal Centres in Immune Reactions (GCC)	IT-Venice	14 – 17 September
Anna Sablina	EMBO Conference: Ubiquitin and SUMO: From molecular mechanisms to system-wide responses	HR-Cavtat	15 – 19 September
Mads Gyrd-Hansen	EMBO Conference: Ubiquitin and SUMO: From molecular mechanisms to system-wide responses	HR-Cavtat	15 – 19 September

EMBO Young Investigator Lectures 2017

Young Investigator	Conference	Location	Date
Alessandro Vannini	Thiol oxidation in toxicity and signalling	ES-Sant Feliu de Guixols	17 – 21 September
Felipe Cortés Ledesma	DNA topoisomerases and DNA topology	CH-Les Diablerets	17 – 21 September
Halyna Shcherbata	25th European Drosophila Research Conference	GB-London	22 – 25 September
Yuki Nakamura	Molecular Biosystems Conference	CL-Puerto Varas	23 – 26 September
Lionel Navarro	IGC Symposium 2017: Plant RNA meeting	PT-Oeiras	27 – 28 September
Sebastian Hiller	Mitochondria in Life, Death and Disease	IT-Selva di Fasano	9 – 13 October
Ana Eulalio	3rd Annual Meeting of the Danish RNA Society: From basic research to industrial applications	DK-Copenhagen	10 October
Lori Passmore	19th EMBL PhD Symposium: Bridging the Gaps – Interdisciplinary Approaches in Life Sciences	DE-Heidelberg	19 – 21 October
Jochen Rink	North American Planarian Meeting (NAPM)	US-Woods Hole, Massachusetts	20 – 22 October
Pere Roca-Cusachs	EMBO Workshop: The Hippo pathway across species and disciplines	IT-Rome	25 – 29 October
Michael Potente	Challenges in Ubiquitin and Autophagy Research	US-Half Moon Bay	27 – 28 November
Gad Asher	The 7th Asian Symposium on Plant Lipids	TW-Taipei	29 November – 2 December
Shalev Itzkovitz	ASCB EMBO Meeting 2017	US-Philadelphia	2 December
Annika Guse	ASCB EMBO Meeting 2017	US-Philadelphia	2 – 6 December
Nicolas Plachta	International Symposium on Systems, Synthetic and Chemical Biology	IN-Kolkatta	5 – 7 December

EMBO Installation Grants

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

yip@embo.org

EMBO Installation Grants support early-career scientists establishing independent laboratories in one of six participating EMBC Member States that fund their respective grantees. At present, the Czech Republic, Estonia, Lithuania, Poland, Portugal and Turkey accept Installation Grant applications with the aim of strengthening the life sciences in these countries.

Gerlind Wallon
Programme Manager

EMBO Installation Grant Recipients 2017

Name	Nationality	Moving from	Moving to	Research interest
Bruno Costa-Silva	Portuguese	Weill Cornell Medical College, New York, USA	Champalimaud Centre for the Unknown, Lisbon, PT	Tumor- and stroma-derived exosomes populations associated with liver metastasis
Zuzana Keckesova	Czech	Whitehead Institute for Biomedical Research Massachusetts Institute of Technology, Cambridge, USA	Institute of Organic Chemistry and Biochemistry AS CR, Prague, CZ	Strategies to identify vulnerabilities of cancer cells
Ayşe Koca Caydasi	Turkish	German Cancer Research Center (DKFZ) and Center for Organismal Studies (COS), Heidelberg, DE	Koc University, Istanbul, TR	Mechanisms that regulate mitotic exit
Wojciech Pokrzywa	Polish	Cologne Excellence Cluster on Cellular Stress Responses in Aging-Associated Diseases, University of Cologne, DE	International Institute of Molecular and Cell Biology, Warsaw, PL	Identification of signals coordinating the proteolytic quality control networks.
Arto Pulk	Estonian	University of California, Berkeley, USA	Tartu University, Tartu, EE	Mammalian neuronal protein synthesis regulation by RNA granules
Agata Starosta	Polish	Center For Bacterial Cell Biology, Newcastle University, UK	Maria Curie-Skłodowska University, Lublin, PL	Translation regulation in bacteria – Specialized ribosomes in <i>Bacillus subtilis</i>
Elif Firat-Karalar	Turkish	Stanford University, Department of Biology, Stanford, USA	Koc University, Istanbul, TR	Dissecting the function and regulation of the centrosome/cilium complex in normal cell function and in human disease
Elin Org	Estonian	University of California, Los Angeles, USA	Tartu University, Tartu, EE	The interplay between gut microbiota and metformin treatment in type 2 diabetes through bile acid metabolism

EMBO Courses & Workshops

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

courses_workshops@embo.org

Through the Courses & Workshops Programme, EMBO supports and encourages the sharing of scientific knowledge and skills across all career stages and disciplines in the life sciences. EMBO funds over 90 scientific events every year, which are organised by some of the leading scientists in their fields and attract more than 11,000 participants annually.

Gerlind Wallon
Programme Manager

EMBO Courses | Workshops | Conferences | Symposia 2017

	Title	Organizer	Location	Dates
Practical Courses 2017 EMBC Member States	Metabolomics bioinformatics for life scientists	R. Salek	UK-Cambridge	13–17 February
	Techniques for mammary gland research	M.D. Vivanco	DE-Heidelberg	20–24 March
	iCLIP: Genomic views of protein-RNA interactions	J. König	DE-Mainz	26 March–1 April
	Plant microbiota	P. Schulze-Lefert	DE-Cologne	26 March–7 April
	Mechanisms of actin-dependent force generation	E. Kerkhoff	DE-Heidelberg	2–8 April
	Characterization of post-translational modifications in cellular signalling	M.R. Larsen	DK-Odense	20–27 April
	Tree building: Advanced concepts and practice of phylogenetic analysis	T.M. Embley	PT-Faro	24–29 April
	Single cell omics	Q. Deng	DE-Heidelberg	24–30 April
	Population genomics: Background and tools	V. Colonna	IT-Napoli	18–26 May
	Bioinformatics and genome analyses	C. Ouzounis	GR-Thessalonica	5–17 June
	Advanced electron microscopy for cell biology	P. Ronchi	DE-Heidelberg	13–23 June
	Developmental neurobiology: From worms to mammals	C. Kiecker	UK-London	18 June–1 July
	The application of kinetic methods to dynamic biological systems	M. Geeves	UK-Canterbury	25–30 June
	Protein–lipid interactions: Advanced experimental and computational tools	E. Ikonen	FI-Helsinki	2–9 July
	Marine animal models in evolution & development: Single-cell approaches and genome editing in marine neurobiology	D. Arendt	SE-Fistkebäckskill	2–15 July

EMBO Courses | Workshops | Conferences | Symposia 2017

	Title	Organizer	Location	Dates
Practical Courses 2017 EMBC Member States (continued)	High-throughput protein production and crystallization	N. Burgess-Brown	UK-Didcot	6–14 July
	Mouse genome engineering	M. Sarov	DE-Dresden	10–20 July
	Multi-level modelling of morphogenesis	S. Marée	UK-Norwich	16–28 July
	Breathless microbes: Techniques and theory in anaerobic microbiology	C. Welte	NL-Wageningen	24–28 July
	Structure, dynamics and function of biological macromolecules by NMR	S. Grzesiek	CH-Basel	5–12 August
	Non-neuronal optogenetics: Design to application, cell signalling to tissue morphogenesis	S. De Renzis	DE-Heidelberg	3–8 September
	Two-photon imaging of brain dynamics: Illuminating neuronal and glial function	F. Helmchen	CH-Zurich	3–9 September
	Image processing for cryo-electron microscopy	E. Orlova	UK-London	5–15 September
	Small angle neutron and X-ray scattering from proteins in solution	F. Gabel	FR-Grenoble	11–15 September
	Current methods in cell biology	P. Neveu	DE-Heidelberg	11–19 September
	Synthetic biology in action: Programming bacteria to do amazing things	V. de Lorenzo	DE-Heidelberg	24 September–1 October
	Humanized mice in biomedical research	R. Striepecke	DE-Heidelberg	15–20 October
	Targeted proteomics: Experimental design and data analysis	E. Sabidó	ES-Barcelona	12–17 November
	The fundamentals of high-end cell sorting	M. Paulsen	DE-Heidelberg	20–24 November
	Volume electron microscopy by automated serial SEM	C. Genoud	CH-Basel	26 November–1 December
Workshops 2017 EMBC Member States	Cell death, inflammation and cancer	A. Villunger	AT-Obergurgl	10–14 January
	Emerging concepts in cell organization	M. Zerial	AT-Goldegg am See	10–15 January
	Awakening of the genome: The maternal to zygotic transition	N. Vastenhouw	DE-Dresden	23–26 April
	Metabolic disorders and liver cancer	E.F. Wagner	ES-Palma de Mallorca	23–26 April
	Signalling and endomembranes	F. Bard	IT-Santa Margherita di Pula	8–12 May
	Brown adipose tissue	S. Herzig	ES-Sitges	24–27 May
	Antigen processing and presentation	M. Del Val	ES-Salamanca	28–31 May

EMBO Courses | Workshops | Conferences | Symposia 2017

	Title	Organizer	Location	Dates
Workshops 2017 EMBC Member States (continued)	Dynamic kinetochore	J. Welburn	UK-Edinburgh	6–9 June
	Intercellular communication in development and disease	C. Faulkner	DE-Berlin	10–15 July
	Histone variants: Molecular functions in health and disease	S. Hake	DE-Planegg-Martinsried	6–8 September
	To-B or not to-B: B-cells in health and disease	C. Mauri	ES-Girona	10–13 September
	Evolution in the time of genome architecture	G. Bernardi	IT-Naples	13–15 September
	Mitochondria, apoptosis and cancer	B. Turk	SI-Bled	16–18 September
	DNA topoisomerases and DNA topology	C. Austin	CH-Les Diablerets	17–21 September
	Thiol oxidation in toxicity and signalling	E. Hidalgo	ES-Sant Feliu de Guixols	17–21 September
	Regulation of RNA 3' end formation across eukaryotic genomes	N.J. Proudfoot	UK-Oxford	20–24 September
	Dynamics of living systems	T. Lecuit	FR-Cargèse	25–29 September
	Molecular and cellular biology of septins	H. Ewers	DE-Berlin	8–11 October
	Comparative genomics of eukaryotic microbes: Dissecting sources of evolutionary diversity	T. Richards	ES-Girona	14–19 October
	The Hippo pathway across species and disciplines	N. Tapon	IT-Rome	25–29 October
	Proteostasis	P. Domingos	PT-Ericeira	17–21 November
Workshops 2017 EMBC Associate Member States	Emerging concepts of the neuronal cytoskeleton	C. Gonzalez-Billault	CL-Puerto Varas	2–6 April
	Frontiers in cytoskeleton research	C. Janke	IN-Pune	29 October– 1 November
Workshops 2017 Non-EMBC Member States	Mitochondrial quality control	Q. Chen	CN-Xi'an	2–5 July
Conferences 2017 EMBC Member States	Towards novel therapies: Emerging insights from structural and molecular biology	D.J. Slotboom	NL-Groningen	6–8 March
	Protein translocation and cellular homeostasis	A. Driessen	HR-Cavtat	18–22 March
	Chromatin and epigenetics	A. Akhtar	DE-Heidelberg	3–6 May
	Cell biology of the neuron: Polarity, plasticity and regeneration	C. Hoogenraad	GR-Heraklion	7–10 May

EMBO Courses | Workshops | Conferences | Symposia 2017

	Title	Organizer	Location	Dates
Conferences 2017 EMBC Member States (continued)	Protein quality control: Success and failure in health and disease	A. Bertolotti	ES-Sant Feliu de Guixols	14–19 May
	Advances in stem cells and regenerative medicine	D. O'Carroll	DE-Heidelberg	23–26 May
	Cell polarity and membrane dynamics	F. Martín-Belmonte	ES-San Feliu de Guixols	4–9 June
	Hijacking host signalling and epigenetic mimicry during infections	M. Yaniv	FR-Paris	13–16 June
	Eukaryotic RNA turnover	C. Norbury	UK-Oxford	10–13 July
	RNA localisation and local translation	A. Ephrussi	IT-Barga	23–27 July
	Europhosphatase 2017: Phosphatases in cell fates and decisions	A. Castro	FR-Paris	23–28 July
	Helicases and nucleic acid-based machines: Structure, mechanism and regulation and roles in human disease	D. Klostermeier	DE-Bad Staffelstein	23–28 July
	Molecular and population biology of mosquitoes and other disease vectors: Vector and disease control	G. Christophides	GR-Kolymbari	24–28 July
	Meiosis	I. Tolić	HR-Hvar	27 August–1 September
	The nucleosome: From atoms to genomes	A. Flaus	DE-Heidelberg	30 August–1 September
	Anaerobic protists: Integrating parasitology with mucosal microbiota and immunology	R. Hirt	UK-Newcastle upon Tyne	31 August–3 September
	Protein synthesis and translational control	F. Gebauer Hernández	DE-Heidelberg	6–9 September
	Gene regulatory mechanisms in neural fate decisions	V. Tiwari	ES-Alicante	7–10 September
	Bacterial networks (BacNet17)	J. Vorholt	ES-Sant Feliu de Guixols	9–14 September
	Endocytic trafficking and signalling in health and disease	M. Miaczynska	PL-Serock	10–15 September
	Ubiquitin and SUMO: From molecular mechanisms to system-wide responses	F. Melchior	HR-Cavtat	15–19 September
	Centrosomes and spindle pole bodies	G. Pereira	DE-Heidelberg	24–27 September
	Autophagy: From molecular principles to human diseases	I. Dikic	HR-Cavtat	25–29 September
	The DNA damage response in cell physiology and disease	M. Tarsounas	GR-Athens	2–6 October

EMBO Courses | Workshops | Conferences | Symposia 2017

	Title	Organizer	Location	Dates
Conferences 2017 EMBC Member States (continued)	Nuclear structure and dynamics	J. Dejardin	FR-L'Isle sur la Sorgue	4–8 October
	Quantitative principles in biology	J. Garcia Ojalvo	DE-Heidelberg	2–4 November
Conferences 2017 EMBC Associate Member States	Micro and metabolic regulators in plants	S. Eppurath	IN-Thiruvananthapuram	1–4 February
Conferences 2017 Non-EMBC Member States	Redox biology	V. Belousov	RU-Moscow	16–23 July
EMBO FEBS Lecture Courses 2017 EMBC Member States	Biophysics and medicine of channels and transporters: Electrifying new insights	P. Tammaro	IT-Sicily	14–20 May
	Molecular architecture, dynamics and function of biomembranes	E. Breukink	FR-Cargèse	12–22 June
	Proteins and organized complexity	D. Otzen	GR-Spetses	24 September– 1 October
	Mitochondria in life, death and disease	P. Cantatore	IT-Brindisi	9–13 October
EMBO EMBL Symposia 2017	Metabolism in time and space: Emerging links to cellular and developmental programmes	T. Alexandrov	DE-Heidelberg	11–13 May
	Neural circuits in the past, present and future	R. Benton	DE-Heidelberg	14–17 May
	Molecular and cell biology of membranes	B. Brügger	DE-Heidelberg	21–23 May
	Mechanisms of neurodegeneration	C. Haas	DE-Heidelberg	14–17 June
	New approaches and concepts in microbiology	P. Cossart	DE-Heidelberg	27–30 June
	Mechanical forces in biology	B. Thompson	DE-Heidelberg	12–15 July
	The non-coding genome	E. Izaurralde	DE-Heidelberg	13–16 September
	Seeing is believing: Imaging the processes of life	J. Ellenberg	DE-Heidelberg	3–7 October
	The mobile genome: Genetic and physiological impacts of transposable elements	O. Barabas	DE-Heidelberg	11–14 October
	From single- to multiomics: Applications and challenges in data integration	J. Zaugg	DE-Heidelberg	12–14 November

EMBO Courses | Workshops | Conferences | Symposia 2017

	Title	Organizer	Location	Dates
India EMBO Symposia 2017 EMBC Associate Member States	Autophagy: Cellular mechanism(s) and significance in health and disease	S. Chauhan	IN-Bhubaneswar	11–13 December
EMBO Global Exchange Lecture Courses 2017 EMBC Associate Member States	Malaria genomics and public health	A. Das	IN-Madurai	29 January– 11 February
	Structural and biophysical methods for biological macromolecules in solution	D. Svergun	SG-Singapore	6–14 December
EMBO Lecture Courses 2017 EMBC Member States	Integrative structural biology	E.Y. Jones	IT-Erice	2–11 June
EMBO Lecture Courses 2017 EMBC Associate Member States	Experimental and theoretical approaches to cell mechanics	D. Koester	IN-Bangalore	23 April–6 May

EMBO Keynote Lectures

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courses_workshops@embo.org

EMBO funds its members and associate members to give a keynote lectures at international scientific meetings. The aim of the lectures is to support the exchange of scientific knowledge, support members in forming and maintaining scientific networks and collaborations, and to raise awareness of EMBO.

Gerlind Wallon
Programme Manager

EMBO Keynote Lectures 2017

	Name	Lecture Title	Location	Date
Keynote Lectures 2017 EMBC Member States	Bernd Bukau	LS2 Annual Meeting 2017	CH-Zürich	2–3 February
	Werner Kühlbrandt	Exploring the Complexity of Life by Cryo-EM	SE-Stockholm	8–9 May
	Thomas D. Pollard	Jacques Monod Conference on the 'Actin and microtubule cytoskeleton: Bridging scales from single molecules to tissues'	FR-Roscoff	8–12 May
	Ehud Gazit	4th Euro BioMAT 2017 European Symposium and Exhibition on Biomaterials and Related Areas	DE-Weimar	9–10 May
	Thomas Jentsch	EMBO I FEBS Lecture Course on Biophysics and Medicine of Channels and Transporters: Electrifying New Insights	IT-Erice	14–20 May
	Manuel Serrano	The Ins and Outs of Cellular Senescence: Understanding the Biology to Foster Healthy Aging and Suppression of Disease	FR-Paris	16–19 May
	Anu Suomalainen-Wartiovaara	Euromit 2017 – International Meeting on Mitochondrial Pathology	DE-Koeln	11–15 June
	Michela Matteoli	Mediterranean Neuroscience Society (MNS) – 6th Meeting 2017	MT-St. Julian's	12–15 June
	Tomas Kirchhausen	Molecular Architecture, Dynamics and Function of Biomembranes	FR-Cargèse	12–21 June
	Jonathan D.G. Jones	5th Symposium of the Centre for Organismal Studies: 'Senses and Sensitivity'	DE-Heidelberg	21–22 June
	Stephen G. Oliver	33rd International Specialized Symposium on Yeast – Exploring and Engineering Yeasts for Industrial Application	IE-Cork	26–29 June
	Tony Hunter	Advances in biomedical research	HR-Split	3–7 July

EMBO Keynote Lectures 2017

	Name	Lecture Title	Location	Date
Keynote Lectures 2017 EMBC Member States (continued)	Denis Duboule	The International Conference for Limb Development and Regeneration 2017 – with the Limb Development Clinical Workshop	UK-Edinburgh	23 – 26 July
	F. Ulrich Hartl	28th International Conference on Yeast Genetics and Molecular Biology	CZ-Prague	27 August – 1 September
	Eric Miska	Transgenerational Epigenetic Inheritance: Impact for Biology and Society	CH-Zurich	28 – 30 August
	Victor de Lorenzo	16th International Conference on Pseudomonas	UK-Liverpool	5 – 9 September
	Klaus Rajewsky	19th International Conference on Lymphatic Tissues and Germinal Centres in Immune Reactions (GCC)	IT-Isola di S.Servolo	14 – 17 September
	Ivan Dikic	YES Meeting – Young European Scientist Meeting	PT-Porto	14 – 17 September
	Angelika Amon	Cell Cycle Inside Out	FR-Roscoff	18 – 22 September
	Peter Walter	The Biennial Congress of the Italian Association of Cell Biology and Differentiation 2017	IT-Bologna	21 – 23 September
	Ruth Lehmann	European Drosophila Research Conference	UK-London	22 – 25 September
	Robert A. Martienssen	IGC Symposium 2017: Plant RNA Biology	PT-Oeiras	27 – 28 September
	Pico Caroni	17th National Congress of the Spanish Society of Neuroscience	ES-Alicante	27 – 30 September
	Anu Suomalainen-Wartiovaara	EMBO-FEBS Lecture Course on Mitochondria in Life, Death and Disease	IT-Selva di Fasano	9 – 13 October
	Jason W. Chin	Bridging the Gaps – Interdisciplinary Approaches in Life Sciences	DE-Heidelberg	19 – 21 October
	Monica Bettencourt-Dias	First Congress of Genetics, Cell and Developmental Biology	ES-Gijón	24 – 27 October
	Carl Wu	Barcelona Conference on Epigenetics and Cancer (BCEC) 2017	ES-Barcelona	25 – 26 October
	Thomas M. Jessell	Joint BSDB/Nordic Meeting on Developmental Biology and Regeneration- 2017 British Society for Developmental Biology	SE-Stockholm	25 – 27 October
	Susan M. Gasser	Protecting the Code: Epigenetic Impacts on Genome Stability	DE-Berlin	29 October – 1 November

EMBO Keynote Lectures 2017

	Name	Lecture Title	Location	Date
Keynote Lectures 2017 EMBC Member States (continued)	Erik Sahai	EACR-MRS Conference Seed and Soil: In Vivo Models of Metastasis	DE-Berlin	27 – 29 November
Keynote Lectures 2017 EMBC Associate Member States EMBC Co-operation Partner Countries	Anthony Hyman	9th Young Investigators' Meeting 2017	IN-Goa	6 – 10 March
	Victor de Lorenzo	Microbial Metabolism, Enzymology and Regulation	IN-Kolkata	27 – 29 October
	Christopher M. Dobson	Intrinsically Disordered Proteins: Forms, Functions and Diseases	IN-Mohali	9 – 12 December
	Carl-Philipp Heisenberg	2017 International Conference of Developmental Biology, Stem Cells and Regenerative Medicine – from Basic Research to Applications	TW-Nankan	15 – 16 September
Keynote Lectures 2017 Non-EMBC Member States	Marina V. Rodnina	42nd Lorne Conference for Protein Structure and Function	AU-Lorne	5 – 9 February
	Marcos González-Gaitán	58th Drosophila Conference	US-San Diego	29 March – 2 April
	Ivan Dikic	The Hunter Meeting	AU-Lovedale	3 – 6 April
	Marc Feldmann	Immunotherapy@Brisbane2017	AU-Brisbane	10 – 12 May
	Virginijus Šikšnys	CRISPR 2017	US-Big Sky	8 – 10 June
	David Ron	From Unfolded Proteins in the ER to Disease	US-Saxtons River	18 – 23 June
	M. Madan Babu	5th Asia Pacific Protein Association / 12th International Symposium of the Protein Society of Thailand Joint Conference	TH-Chon Buri	11 – 14 July
	Daniela Corda	15th Bioactive Lipids in Cancer, Inflammation and Related Diseases	MX-Puerto Vallarta	22 – 25 October
	Erwin F. Wagner	LIII SAIB 2017 Meeting – Joint meeting of the Argentinean Societies for Research on Biosciences	AR-Buenos Aires	13 – 17 November
	Maria Sibilia	Cell Signalling in Cancer Medicine	AU-Rowland Flat, SA	14 – 17 November
	Frank Bradke	6th 'Cell Architecture in Development and Disease' (CADD) Symposium	AU-Sydney	1 – 1 December
	Murray Stewart	Crystal31 – The 31st Conference of the Society of Crystallographers in Australia and New Zealand	AU-Naturaliste, WA	3 – 7 December

EMBO Gold Medal

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The EMBO Gold Medal is awarded annually to young scientists for outstanding contributions to the life sciences in Europe. Candidates are nominated by EMBO Members and selected by EMBO Council. The recipient of the 2017 EMBO Gold Medal is Maya Schuldiner from the Weizmann Institute of Science in Israel, who received the award for significantly advancing the understanding of protein synthesis, trafficking and quality control.

EMBO Gold Medalists 1986–2017

1986	John Tooze	Heidelberg, DE	1998	Adriano Aguzzi	Zurich, CH	2009	Gold Medal 2009 revoked in January 2016	
1987	Barbara Pearse	Cambridge, UK	1999	Konrad Basler	Zurich, CH	2010	Jason W. Chin	London, UK
1988	Antonio Lanzavecchia	Basel, CH	2000	Christof Niehrs	Heidelberg, DE	2011	Simon Boulton	London, UK
1989	Hugh Pelham	Cambridge, UK		Daniel St. Johnston	Cambridge, UK	2012	Jiří Friml	Ghent, BE
1990	Erwin Wagner	Vienna, AT	2001	Matthew Freeman	Cambridge, UK	2013	Thijn Brummelkamp	Amsterdam, NL
1991	Patrick Stragier	Paris, FR	2002	Amanda Fisher	London, UK	2014	Sophie Martin	Lausanne, CH
1992	Carl-Henrik Heldin	Uppsala, SE	2003	Anthony Hyman	Dresden, DE	2015	Ido Amit	Rehovot, IL
1993	Jim Smith	London, UK	2004	María Blasco	Madrid, ES		Sarah Teichmann	Cambridge, UK
1994	Paolo Sassone-Corsi	Strasbourg, FR	2005	Dario Alessi	Dundee, UK	2016	Richard Benton	Lausanne, CH
1995	Richard Treisman	London, UK	2006	Frank Uhlmann	London, UK		Ben Lehner	Barcelona, ES
1996	Enrico Coen	Norwich, UK	2007	Jan Löwe	Cambridge, UK	2017	Maya Schuldiner	Rehovot, IL
1997	Dirk Görlich	Heidelberg, DE	2008	James Briscoe	London, UK			

EMBO Women in Science

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

EMBO is committed to monitoring gender balance in all its programmes and activities. In addition, EMBO develops initiatives to counteract gender imbalances and to raise awareness of issues facing women scientists as their careers advance.

women@embo.org

Gerlind Wallon
Manager

Participation of women in EMBO activities: Statistics

EMBO Courses & Workshops 2013 – 2017

(including EMBO | EMBL Symposia, EMBO | FEBS Lecture Courses, EMBO Conferences, EMBO Global Exchange Lecture Courses, EMBO Practical Courses, EMBO Workshops)

Year	% women	% female speakers
2013	46	30
2014	49	32
2015	49	35
2016	49	35
2017*	50	36

*2017 data represents 71% of the events

EMBO Membership (including Associate Members)

Year	Total number of members	% Women
2013	1586	16.6
2014	1656	16.7
2015	1694	17.4
2016	1729	18.0
2017	1779	18.9

Participation of women in EMBO activities: Statistics

EMBO Short-Term Fellowships

		Applications	%	Awards	%	Success rate %
2013	Female applicants	340	61	172	61	51
	Male applicants	220	39	108	39	49
	Overall	560		280		50
2014	Female applicants	322	59	167	59	52
	Male applicants	226	41	117	41	52
	Overall	548		284		52
2015	Female applicants	240	60	116	60	48
	Male applicants	161	40	78	40	48
	Overall	401		194		48
2016	Female applicants	362	59	201	57	56
	Male applicants	256	41	149	43	58
	Overall	618		350		57
2017	Female applicants	335	57	170	60	51
	Male applicants	253	43	111	40	44
	Overall	588		281		48
2013–2017	Female applicants	1599	59	826	59	52
	Male applicants	1116	41	563	41	50
	Overall	2715		1389		51

Participation of women in EMBO activities: Statistics

EMBO Long-Term Fellowships

		Applications	%	Awards	%	Success rate %
2013	Female applicants	793	48	77	42	10
	Male applicants	852	52	108	58	13
	Overall	1645		185		11
2014	Female applicants	742	45	86	35	12
	Male applicants	906	55	161	65	18
	Overall	1648		247		15
2015	Female applicants	773	50	118	47	15
	Male applicants	776	50	134	53	17
	Overall	1549		252		16
2016	Female applicants	733	47	67	39	9
	Male applicants	828	53	103	61	12
	Overall	1561		170		11
2017	Female applicants	594	50	80	42	13
	Male applicants	596	50	109	58	18
	Overall	1190		189		16
2013–2017	Female applicants	3635	48	428	41	12
	Male applicants	3958	52	615	59	16
	Overall	7593		1043		14

Participation of women in EMBO activities: Statistics

EMBO Young Investigator Programme

		Applications	%	Awards	%	Success rate %
2013	Female applicants	59	31	5	22	8
	Male applicants	133	69	18	78	14
	Overall	192		23		12
2014	Female applicants	64	32	7	26	11
	Male applicants	138	68	20	74	14
	Overall	202		27		13
2015	Female applicants	64	37	8	35	13
	Male applicants	110	63	15	85	14
	Overall	174		23		13
2016	Female applicants	65	30	9	36	14
	Male applicants	149	70	16	64	11
	Overall	214		25		12
2017	Female applicants	88	34	11	39	13
	Male applicants	169	66	17	61	10
	Overall	257		28		11
2013–2017	Female applicants	340	33	40	32	12
	Male applicants	699	67	86	68	12
	Overall	1039		126		12

Participation of women in EMBO activities: Statistics

EMBO Installation Grants

		Applications	%	Awards	%	Success rate %
2013	Female applicants	20	31	2	33	10
	Male applicants	45	69	4	67	9
	Overall	65		6		9
2014	Female applicants	27	39	2	25	7
	Male applicants	42	61	6	75	14
	Overall	69		8		12
2015	Female applicants	27	31	3	33	11
	Male applicants	59	69	6	67	10
	Overall	86		9		10
2016	Female applicants	19	28	2	29	11
	Male applicants	50	72	5	71	10
	Overall	69		7		10
2017	Female applicants	13	30	3	50	23
	Male applicants	31	70	3	50	10
	Overall	44		6		14
2013–2017	Female applicants	106	35	9	30	8
	Male applicants	196	65	21	70	11
	Overall	302		30		10

EMBO staff

in Heidelberg under contract in 2017

Director	Maria Leptin	EMBO Director	director@embo.org
Director's Office	Eilish Craddock	Personal Assistant to EMBO Director	eilish.craddock@embo.org
	Bettina Trueb	Senior Project Coordinator	bettina.trueb@embo.org
EMBC and EMBO Council	Gitta Bourke	Administrator	gitta.bourke@embo.org
EMBO Membership	Volker Wiersdorff	Manager, EMBO Membership & Elections	volker.wiersdorff@embo.org
	Larisa Bulgatova	Administrator	larisa.bulgatova@embo.org
Courses & Workshops Programme, Lecture Grants courses_workshops @embo.org	Gerlind Wallon	Programme Manager	gerlind.wallon@embo.org
	Joy Akinyi	Administrator	joy.akinyi@embo.org
	Ayesha Asif	Website Administrator	ayasha.asif@embo.org
	Igor Jukic	Web and Graphic Design Assistant	igor.jukic@embo.org
Fellowship Programme fellowships@embo.org	David del Alamo	Programme Manager	david.del.alamo@embo.org
	Larisa Bulgatova	Administrator, Fellowships	larisa.bulgatova@embo.org
	Ingrid Busby	Administrative Officer, Short-Term Fellowships	ingrid.busby@embo.org
	Benardine Ngu	Administrator, Finance & Fellowships	benardine.ngu@embo.org
	Inga Strazda	Administrative Officer, Long-Term Fellowships	inga.strazda@embo.org
Global Activities global@embo.org	Luis Valente	Head of Global Activities	luis.valente@embo.org
Science Policy Programme policy@embo.org	Michele Garfinkel	Programme Manager	michele.garfinkel@embo.org
	Alessandra Bendiscioli	Programme Officer	alessandra.bendiscioli@embo.org
	Helen Sitar	Programme Officer	helen.sitar@embo.org
Young Investigator Programme, Installation Grants and Women in Science yip@embo.org	Gerlind Wallon	Programme Manager, EMBO Deputy Director	gerlind.wallon@embo.org
	Olena Steshenko	Programme Officer	olena.steshenko@embo.org
Administration & Finance	Bernhard Huber	Head, Administration & Finance	bernhard.huber@embo.org
	Seán Bourke	Reception, Building Maintenance	sean.bourke@embo.org
	Benardine Ngu	Administrator, Finance & Fellowships	benardine.ngu@embo.org
	Eva Portik	Accounting Officer	eva.portik@embo.org

EMBO Scientific Publications	Bernd Pulverer	Head of EMBO Scientific Publications, Chief Editor, The EMBO Journal	bernd.pulverer@embo.org
	Thomas Lemberger	Deputy Head of EMBO Scientific Publications, Chief Editor, Molecular Systems Biology	thomas.lemberger@embo.org
	Elisabetta Argenzio	Editor, The EMBO Journal	e.argenzio@embojournal.org
	Erica Boxheimer	Editorial Assistant	erica.boxheimer@embo.org
	Achim Breiling	Editor, EMBO Reports	achim.breiling@embo.org
	Holger Breithaupt	Senior Editor, EMBO Reports	holger.breithaupt@embo.org
	Roberto Buccione	Senior Editor, EMBO Molecular Medicine	
	Céline Carret	Senior Editor, EMBO Molecular Medicine	celine.carret@embo.org
	Elisabeth Corrao	Editorial Assistant	
	Karin Dumstrei	Senior Editor, The EMBO Journal and Coordinator, EMBO Press	k.dumstrei@embojournal.org
	Elin Erikson	Editorial Assistant	contact@embojournal.org
	Ieva Gailite	Editor, The EMBO Journal	i.gailite@embojournal.org
	Daniel Klimmeck	Editor, The EMBO Journal	d.klimmeck@embojournal.org
	Andrea Leibfried	Editor, The EMBO Journal	
	Joel Maupin	Project and Marketing Manager	joel.maupin@embo.org
	Anne Nielsen	Senior Editor, The EMBO Journal	a.nielsen@embojournal.org
	Fiona Panayi	Editorial Assistant	fiona.panayi@embo.org
	Maria Polychronidou	Editor, Molecular Systems Biology	maria.polychronidou@embo.org
	Martina Rembold	Editor, EMBO Reports	martina.rembold@embo.org
	Meryl Schneider	Editorial Assistant	meryl.schneider@embo.org
SourceData	Thomas Lemberger	Head of SourceData	thomas.lemberger@embo.org
	Eva Benito Garagorri	SourceData Scientific Coordinator	eva.benito@embo.org
Marketing & Communications communications@embo.org	Tilmann Kiessling	Head, Marketing & Communications	tilmann.kiessling@embo.org
	Annika Grandison	Public Affairs & Communications Officer	annika.grandison@embo.org
	Igor Jukic	Graphic Design & Communications Assistant	igor.jukic@embo.org
	Sandra Krah	Senior Graphic Designer	sandra.krah@embo.org
	Stephen Pewter	Digital Communications & Information Officer	stephen.pewter@embo.org
Information Support & Resources	Volker Wiersdorff	Head, Information Support & Resources	volker.wiersdorff@embo.org
	Alejandro Riera Mainar	Web & Database Developer	alejandro.riera@embo.org
	Stephen Pewter	Digital Communications & Information Officer	stephen.pewter@embo.org



EMBO

Meyerhofstr. 1
69117 Heidelberg
Germany
T +49 6221 8891 0
F +49 6221 8891 200
communications@embo.org
www.embo.org



**European Molecular
Biology Conference**

Meyerhofstr. 1
69117 Heidelberg
Germany
T +49 6221 8891 0
F +49 6221 8891 202
embc@embo.org
embc.embo.org

Responsible editor

Tilmann Kießling

Editor

Annika Grandison

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

Sandra Krah

Data curation:

Joy Akinyi
Gitta Bourke
Ingrid Busby
Joel Maupin
Olena Steshenko
Inga Strazda
Bettina Trüb
Volker Wiersdorff

Photos

Marietta Schupp (EMBL Photolab)
Ivar Pel

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CONTACT EMBO & EMBC



Maria Leptin
EMBO Director



EMBO Courses & Workshops
EMBO Young Investigators
EMBO Installation Grants
EMBO Women in Science
EMBO Keynote Lectures
Gerlind Wallon
Programme Manager
Deputy Director
+49 6221 8891 112



EMBO Scientific Publications
Bernd Pulverer
Head
+49 6221 8891 501



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



EMBO Fellowships
David del Álamo
Programme Manager
+49 6221 8891 122



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



Administration & Finance
Bernhard Huber
Head
+49 6221 8891 113



EMBO Global Activities
Luis Valente
Head
+49 6221 8891 562



EMBO Communications
Tilmann Kießling
Head
+49 6221 8891 108



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



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



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

Complete list of EMBO staff in Heidelberg on pages 92–93.



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EMBC