

FACTS & FIGURES 2024

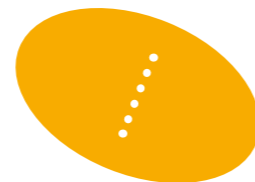
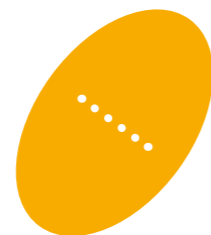
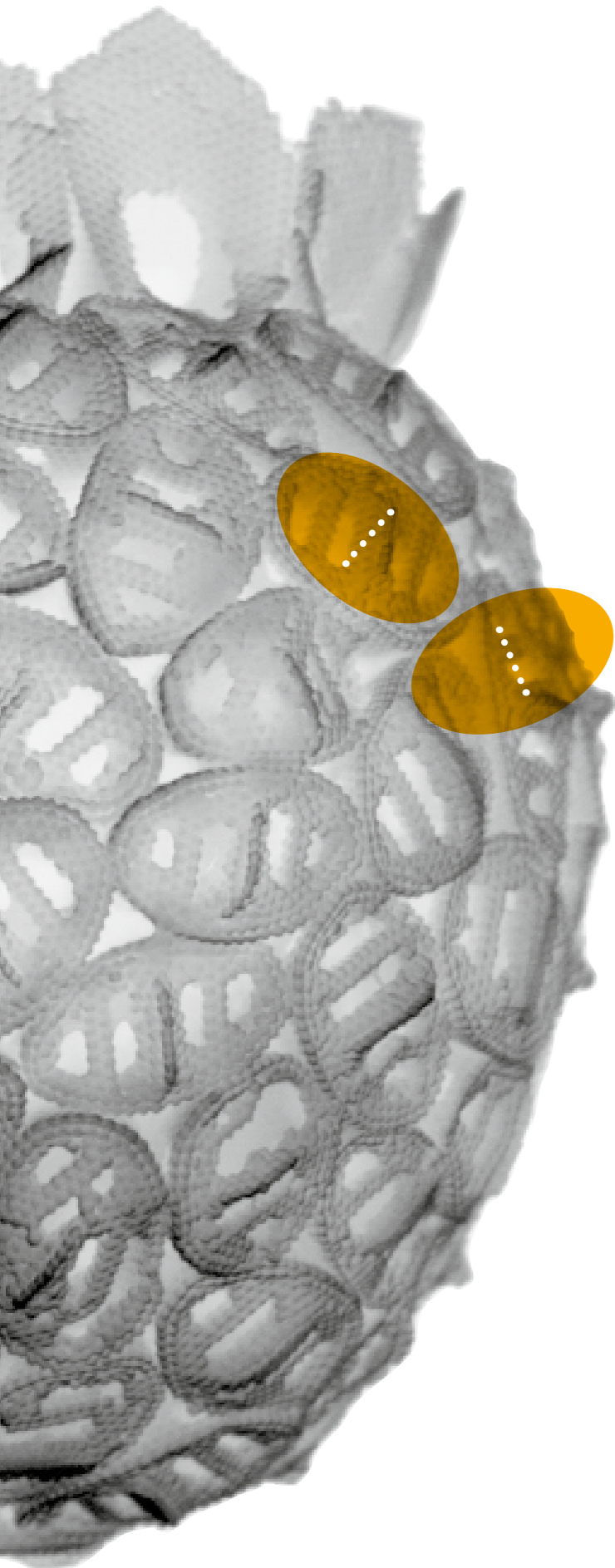
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Facts & figures 2024

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EMBO Postdoctoral Fellowships

Applications and awards 2020-2024

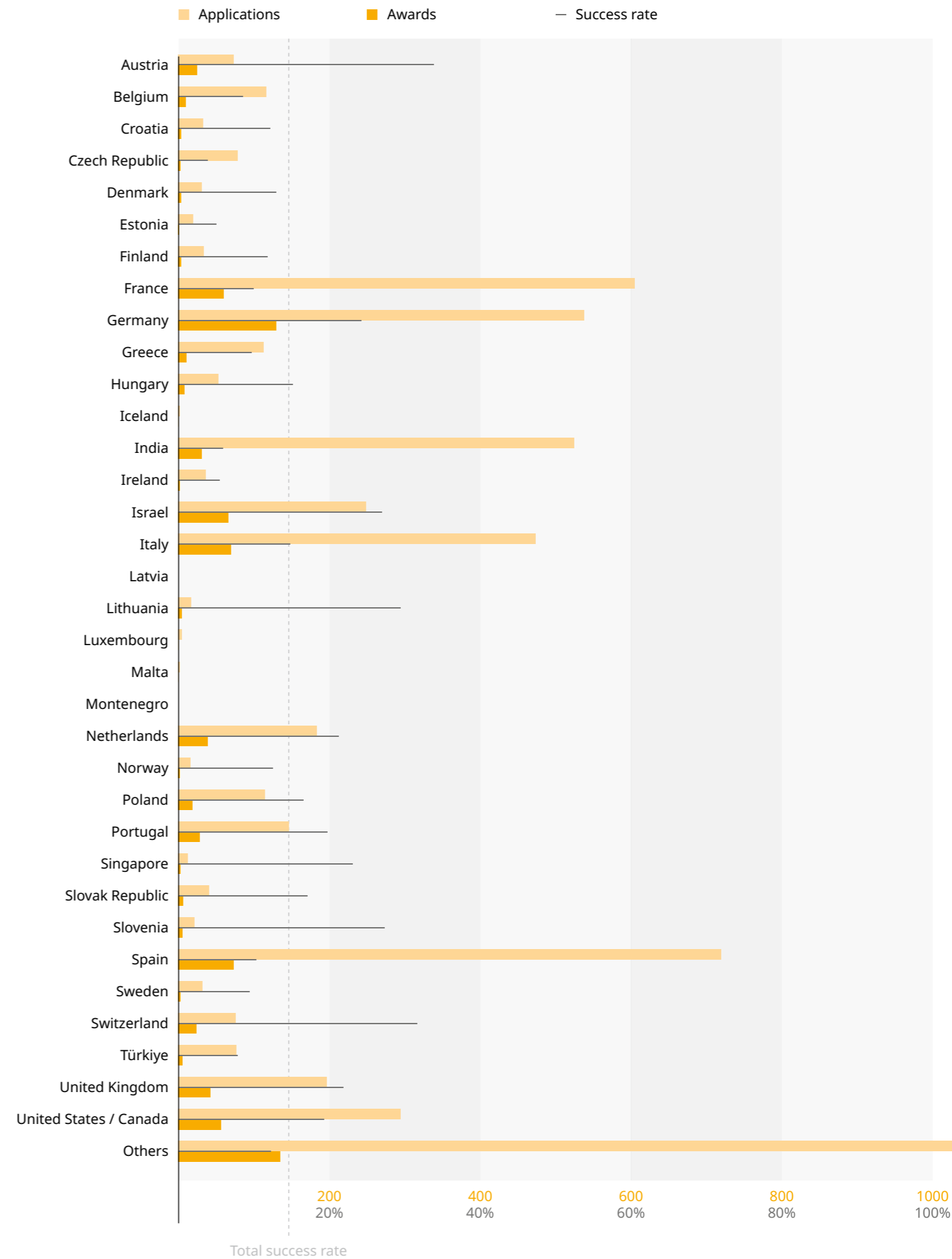
Nationality	Applications (total)		Awards (total)		Success rate (%)
		%		%	
Austria	74	1,2	25	2,8	33,8
Belgium	117	1,9	10	1,1	8,5
Croatia	33	0,5	4	0,5	12,1
Czech Republic	79	1,3	3	0,3	3,8
Denmark	31	0,5	4	0,5	12,9
Estonia	20	0,3	1	0,1	5,0
Finland	34	0,6	4	0,5	11,8
France	605	10,0	60	6,8	9,9
Germany	538	8,9	130	14,7	24,2
Greece	113	1,9	11	1,2	9,7
Hungary	53	0,9	8	0,9	15,1
Iceland	2	0,0	0	0,0	0,0
India	525	8,7	31	3,5	5,9
Ireland	37	0,6	2	0,2	5,4
Israel	249	4,1	67	7,6	26,9
Italy	474	7,8	70	7,9	14,8
Latvia	0	0,0	0	0,0	0
Lithuania	17	0,3	5	0,6	29,4
Luxembourg	5	0,1	0	0,0	0,0
Malta	2	0,0	0	0,0	0,0
Montenegro	0	0,0	0	0,0	0,0
Netherlands	184	3,0	39	4,4	21,2
Norway	16	0,3	2	0,2	12,5
Poland	115	1,9	19	2,2	16,5
Portugal	147	2,4	29	3,3	19,7
Singapore	13	0,2	3	0,3	23,1
Slovak Republic	41	0,7	7	0,8	17,1
Slovenia	22	0,4	6	0,7	27,3
Spain	720	11,9	74	8,4	10,3
Sweden	32	0,5	3	0,3	9,4
Switzerland	76	1,3	24	2,7	31,6
Turkey	77	1,3	6	0,7	7,8
United Kingdom	197	3,3	43	4,9	21,8
USA/Canada	295	4,9	57	6,5	19,3
Others	1108	18,3	135	15,3	12,2
Total	6053		882		14,6

Year	Applications (total)	Awards (total)	Success rate (%)
2024	1350	145	10,7
2023	1149	135	11,7
2022	1101	228	20,7
2021	1166	224	19,2
2020	1287	150	11,7

Bulgaria joined the EMBC in July 2025. It will be individually listed from the 2025 edition of this publication onwards.

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Applications and awards 2020-2024 (graphical representation)



Geographical distribution 2024

To	From (refers to nationality)	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	India	Ireland	Israel	Italy	Latvia	Lithuania	Luxembourg	Malta	Montenegro	Netherlands	Norway	Poland	Portugal	Singapore	Slovak Republic	Slovenia	Spain	Sweden	Switzerland	Türkiye	United Kingdom	USA / Canada	Others	Total
Austria		2	1	3				1	6	3	1		2		1	1						2	1	1								2	1	6	30		
Belgium			2	4				3	2	1	1		1	1											2				9			2	3	7	38		
Croatia																																1	1	1	3		
Czech Republic													2											1									3	6	6		
Denmark		1		1	2			4	7	1			4			3						2	1	3	4			5			2	3	9	52			
Estonia										1																							2	2	2		
Finland									3				2																			1	4	10			
France		2						6	2	7	2		9				17						1	3	4	1		15	1		4	7	34	113			
Germany		5	2	1	1	1	4	12	10	3			22	1	5	8						2	1	2	1	2	1	22	1	1	2	12	46	168			
Greece								1	2	3																							3	5	23		
Hungary																																		4	4		
Iceland								1																										1	1		
India													1																					1	1		
Ireland				1				1			1		4			1												5					1	14			
Israel		1						1	1			4			1	1														1		2	2	14			
Italy		1		1				6	2			2		1	14	1								4	1			7				1	9	49			
Latvia																																		1	1		
Lithuania													1						1															3	3		
Luxembourg							1	1																				3				1	1	7			
Malta																								1										1	1		
Montenegro																																		58			
Netherlands		3						5	6	2	1	3	2	2	3								5	1	1	2	1	5			2	4	11	58			
Norway		1	1		2			3	1				2		1																		1	14			
Poland		1		1										1											2	1							2	7			
Portugal						1		1	1	1	2	4			3										4	1		1		1	1	3	23				
Singapore												2																						3			
Slovak Republic																																		1			
Slovenia																												1						2			
Spain								5	2		1	11			4	1						1	1	2			11	1		1	2	6	22	69			
Sweden		3				2		10	11	2		7	1									3	2	2	2		7			1	1	5	14	73			
Switzerland		3	3	2	2	1		22	11	5		11	2	4	9	3						3	1	2	6	1	1	21	2	1	4	4	7	20			
Türkiye		1						1																										2			
United Kingdom		1	3	2			2	19	3	10	4	1	13	2	8	3	2					3	1	1	4	1	1	33	2	1	2	3	16	51			
USA / Canada		7	6	2	4	1	1	29	28	2	2	5	1	33	23	5						15	1	3	3	1	1	2	38	3	3	5	12	2	5		
EMBL ¹							1	1																										1			
Others		1					1	1	6	2												3		1				2		1	1	3	1	20			
Total		18	31	5	18	6	4	9	132	115	25	10	0	113	10	55	90	0	1	3	0	0	41	5	26	37	4	6	3	186	7	6	18	38	73	255	
		5	3					12	25	1	1			4	1	10	10					9	1	4	5	1	1	7	1	4	6	15	19	145			

applications ^{top} awards

¹ EMBL (all sites) are not counted towards the country the respective site is located in.

EMBO Postdoctoral Fellowships awarded in 2024 Nationals of EMBC Member States

Name ▼	Home institute	Group leader	Host institute	Project
Ralph Gradisch	Medical University of Vienna, Austria	Tommaso Patriarchi	University of Zurich, Switzerland	Engineering a novel genetically-encoded fluorescent sensor based on the serotonin transporter
Stefan Leopold-Messer	ETH Zurich, Switzerland	Sarah Lovelock	University of Manchester, United Kingdom	Biocatalytic approaches to oligonucleotide conjugation
Michael Riedl	Institute of Science and Technology Austria (IST) Klosterneuburg, Austria	Jan Brugues	Technische Universität Dresden, Germany	Mechano-chemical coupling in cytoplasmic flows: the competition between self-organization and chaos
Alexandra Schauer	Institute of Science and Technology Austria (IST) Klosterneuburg, Austria	Jesse Veenvliet	MPI für molekulare Zellbiologie und Genetik Dresden, Germany	Robustness and buffering mechanisms of lineage trajectories towards signaling variations
Christian Stieger	Leibniz-Institut für Molekulare Pharmakologie (FMP) Berlin, Germany	Daniel K. Nomura	University of California Berkeley, United States	Chemoproteomics-enabled discovery of covalent degraders targeting the oncogenic transcription factors YAP and TAZ
Hans Carolus	KU Leuven Leuven, Belgium	Christian Landry	Université Laval Québec, Canada	Deep mutational scanning for collateral sensitivity of antifungal drug resistance
Charlotte Piette	Collège de France Paris, France	Sandeep Robert Datta	Harvard Medical School Boston, United States	Interactions between glucocorticoids and dopamine in spontaneous self-motivated behaviours
Ruth Styfahls	KU Leuven Leuven, Belgium	Pawel Burkhardt	University Bergen, Norway	Uncovering the developmental origins of the unique ctenophore nerve net
Simon Butterworth	Francis Crick Institute London, United Kingdom	Sebastian Lourido	Whitehead Institute Cambridge, United States	Monitoring the development of the host-parasite interface through proximity labelling and protein interactomics
Anna Cook	McGill University Montreal, Canada	Scott Waddell	University of Oxford, United Kingdom	Routes towards selective memory enhancement
Joshua Dickerson	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Bronwyn Lucas	University of California Berkeley, United States	Developing in situ laser phase plate cryo-EM and 2D template matching to visualize microtubule-associated proteins inside axons
Stephen Garrett	University Newcastle upon Tyne, United Kingdom	John Whitney	McMaster University Hamilton, Canada	Characterisation of a novel bacterial toxin system that mediates inter-phyla competition
Hugh Mulvey	Gregor Mendel Institute of Molecular Plant Biology Vienna, Austria	Takashi Ueda	National Institute for Basic Biology Okazaki, Japan	Discovering mechanisms which orchestrate land plant cytokinesis and how these mechanisms evolved
Benjamin Shennan	University of Oxford, United Kingdom	Christopher J. Chang	Princeton University, United States	Understanding the role of methionine sulfoxide in oxidative stress using selective molecular probes
Nadia Erkamp	University of Cambridge, United Kingdom	Jan Van Hest	University of Technology Eindhoven, Netherlands	Exploring the complexity of multicomponent biomolecular condensates
Balwina Koopal	University and Research Wageningen, Netherlands	Jack Bravo	Institute of Science and Technology Austria (IST) Klosterneuburg, Austria	Understanding the molecular mechanisms of an Hsp90 repurposed for anti-phage defense
Mart Last	University Medical Centre Leiden, Netherlands	Matteo Allegretti	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	High-resolution in situ microscopy of IMPDH2-filaments to study the molecular composition of cytophidia
Valerie Siahaan	Prague Institute of Biotechnology, Czech Republic	Carsten Janke	Institut Curie Orsay, France	Revealing the crosstalk between the tubulin code and the MAP code
Jelle Spooren	Utrecht University, Netherlands	Julia Vorholt	ETH Zurich, Switzerland	Evolution of bacterial adaptive traits within phyllosphere microbiomes

Name ▼	Home institute	Group leader	Host institute	Project
Vanessa Stenvers	GEOMAR Kiel, Germany	Michael Bok	Lund University, Sweden	Neurobiology at the extreme: high resolution vision in deep sea polychaetes
Arne Ten Hoeve	Stockholm University, Sweden	Nelson O. Gekara	Universitaetsklinik Freiburg, Germany	Modulation of sting-dependent innate immune signaling by a novel ubiquitin ligase
Bastijn Van Den Boom	Netherlands Institute for Neuroscience Amsterdam, Netherlands	Bernardo Sabatini	Harvard Medical School Boston, United States	The transformation of cortical activity in basal ganglia circuits in action selection
Erik Van Tilburg Bernardes	University of Calgary, Canada	William Agace	University Copenhagen, Denmark	Deciphering the role of microbiome-fibroblast crosstalk in intestinal immune development, homeostasis and inflammation
Noemie Alphonse	King's College London, United Kingdom	Thomas Sécher	Centre d'Etudes des Pathologies Respiratoires (CEPR) Tours, France	Exploring the induction of trained immunity by anti-infective antibodies delivered directly to the respiratory tract
Brice Barbat	Institut de neurobiologie de la méditerranée Marseille, France	Jean-François Collet	de Duve Institute Brussels, Belgium	Unravelling the functional relationship between GroEL (Hsp60) and its newly discovered partner CnoX in proteostasis
Nathalie Bastié	Université Paul Sabatier Toulouse, France	Matthias Merckenschlager	MRC Clinical Sciences Centre London, United Kingdom	Cohesin-ligand interactions in the control of cell type-specific gene expression programs
Elda Bauda	Institut de Biologie Structurale Grenoble, France	Robbie Loewith	University of Geneva, Switzerland	Structural elucidation of TORC2 regulation by plasma membrane macrodomains
Rachel Breton	Collège de France Paris, France	Philip Hasel	University of Edinburgh, United Kingdom	Exploring the function of glia limitans superficialis astrocytes in health and disease
Clara Cousu	Faculté de Médecine Necker-Enfants Malades Paris, France	Andrea Reboldi	University of Massachusetts Worcester, United States	Elucidating the role of lipid nuclear receptors on B cell immunity
Samuel Gerard	University of Oxford, United Kingdom	Alba Diz-Muñoz	EMBL Heidelberg, Germany	In situ structural characterization of membrane anchoring by anillin-septin complexes during cytokinesis
Manuel Halte	Humboldt University Berlin/HumboldtUniversity Berlin, Germany	Stephan Uphoff	University of Oxford, United Kingdom	Interplay between efflux pumps and virulence Type 3 secretion systems during Salmonella infection
Théophile Niault	Institut Pasteur Paris, France	Daan Swarts	Wageningen University, Netherlands	Systematic analysis of Anti-prokaryotic Argonaute systems (SANTIAGO)
Victoria Parreno	Université Montpellier, France	Alejo Ezequiel Rodriguez Fraticelli	Institute for Research in Biomedicine Barcelona, Spain	Clonal analysis of DNA damage induced epigenetic erosion in hematopoietic stem cells
Nathan Ronceray	Swiss Federal Institute of Technology Lausanne, Switzerland	Laurent Cognet	University of Bordeaux Bordeaux, France	Elucidating transport through plasmodesmata using single-molecule imaging
Adrien Rousseau	Université Montpellier, France	Gabriella Schlau-Cohen	Massachusetts Institute of Technology (MIT) Cambridge (MA), United States	Investigating early-stage DNA photodamage mechanisms using ultrafast single-molecule spectroscopy
Tom Burkart	Ludwig-Maximilians-Universität München, Germany	Nikta Fakhri	Massachusetts Institute of Technology, United States	Unveiling broken symmetries: data-driven inference of cellular functions
Lena Cords	University of Zurich, Switzerland	Herbert Schiller	Helmholtz Zentrum München, Germany	Functional single-cell genomic perturbations in lung tissue slice cultures – understanding chronic lung disease one cell at a time
Mahyar Dahmardeh	Max Planck Institute for the Science of Light Erlangen, Germany	Ben Schuler	University of Zurich, Switzerland	Advancing the study of intrinsically disordered proteins (IDPs) using interferometric scattering microscopy (iSCAT)
Leonard Ernst	MPI für terrestrische Mikrobiologie Marburg, Germany	Chris Greening	Monash Biomedicine Discovery Institute Melbourne, Australia	Reconstructing ancestral hydrogenases to understand their evolutionary origin and improve hydrogen catalysis

Name ▼	Home institute	Group leader	Host institute	Project
Jana Fuhrmann	Technische Universität Dresden, Germany	Benjamin Prud'homme	CNRS Marseille, France	Interplay between mechanics and tissue geometry in the evolution of insect wing morphogenesis
Christoph Giez	Universität Kiel, Germany	Lucia Prieto-Godino	Francis Crick Institute London, United Kingdom	Cellular and molecular mechanisms underlying the evolution of central neural circuits and behaviour
Louisa Hill	Research Institute of Molecular Pathology Vienna, Austria	Andrea Musacchio	MPI für molekulare Physiologie Dortmund, Germany	Defining factors underlying the epigenetic recognition of the centromere
Inga Hochheiser	Universität Bonn, Germany	Thi Hoang Duong Nguyen	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Mechanistic studies of human telomere maintenance by Shelterin
Moritz Jakab	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Or Gozani	Stanford University, United States	Identifying epigenetic windows of opportunity during tumor initiation, progression, and metastasis
Insa Klemt	Universität Erlangen-Nürnberg, Germany	Matthias Peter	ETH Zurich, Switzerland	Mechanisms of ribosome degradation and preservation during starvation
Jonas Koepfel	Wellcome Genome Campus Hinxton, United Kingdom	Jay Shendure	University of Washington Seattle, United States	Saturation deletion scanning of the human genome
Jan Kreider	University Groningen, Netherlands	Tobias Uller	Lund University, Sweden	Unravelling the mechanisms underlying the evolution of multicellular life
Severin Lechner	TU Munich School of Life Sciences Freising-Weihenstephan, Germany	Georg Erich Winter	CeMM Vienna, Austria	Rewiring the KDM1A-HDAC1/2 Co-repressor complex (CoREST) via chemical surface adaptation
Pia Mach	Friedrich Miesher Institute for Biomedical Research (FMI) Basel, Switzerland	Bas van Steensel	Netherlands Cancer Institute Amsterdam, Netherlands	In vitro dissection of enhancer-promoter compatibilities
Verena Mutzel	Leibniz-Institut für Molekulare Pharmakologie (FMP) Berlin, Germany	Luca Giorgetti	Friedrich Miesher Institute for Biomedical Research (FMI) Basel, Switzerland	The effect of long-range regulatory architecture on transcriptional variability and input decoding precision
Anna-Lena Neehus	Institut des Maladies Génétiques Imagine Paris, France	Vijay Sankaran	Children's Hospital Boston Boston, United States	Mechanisms underlying inherited predisposition to pediatric B-cell acute lymphoblastic leukemia
Jana Ordon	MPI for Plant Breeding Köln, Germany	Cyril Zipfel	University of Zurich, Switzerland	Elucidating the perception mechanisms of cell-wall derived oligogalacturonides in Arabidopsis thaliana
Marcel Rühling	University Würzburg, Germany	Felix Randow	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	The role of lipid transbilayer scrambling in cell-autonomous defence against pathogens
Fabian Ruperti	EMBL Heidelberg, Germany	Bernard Degnan	The University of Queensland Brisbane, Australia	Protein glycosylation and the origin of the animal 'self'
Kevin Sabath	ETH Zurich, Switzerland	Alexander Stark	IMP Vienna, Austria	Molecular basis of transcription initiation from CGI promoters
Luca Schulz	MPI für terrestrische Mikrobiologie Marburg, Germany	Anthony R Green	University of Manchester, United Kingdom	Developing super-reductant photoenzymes for selective functionalizations of inert substrates
Franziska Sendker	MPI für terrestrische Mikrobiologie Marburg, Germany	Nicholas Polizzi	Dana-Farber Cancer Institute Boston, United States	Development of novel near-infrared fluorescent proteins by de novo protein design
Jakob Merlin Silberberg	Goethe University Frankfurt, Germany	David Drew	Stockholm University, Sweden	Deciphering the physiological function and regulation of the Synaptic Vesicle protein SV2A
Henriette Stoy	University of Zurich, Switzerland	Jesper Q. Svejstrup	University Copenhagen, Denmark	DNA structural elements in the genome-wide regulation of transcription

Name ▼	Home institute	Group leader	Host institute	Project
Sara Wighard	MPI für Entwicklungsbiologie Tübingen, Germany	Alejandro Burga	IMBA Vienna, Austria	Ancient battles, new weapons: uncovering germline defense innovations and transposon invasions in <i>Caenorhabditis</i> species
Eleftheria Parasyraki	Institute of Molecular Biology (IMB) Mainz, Germany	James Briscoe	Francis Crick Institute London, United Kingdom	Deciphering the spatiotemporal developmental programme of cell diversity in the neural tube
Márton András Simon	Semmelweis University Budapest, Hungary	Jue Chen	Rockefeller University New York, United States	Molecular mechanism of how ABCA1-ApoA1 facilitates cholesterol removal
Charles Buchanan	University of Oxford, United Kingdom	Georg Hochberg	MPI für terrestrische Mikrobiologie Marburg, Germany	Protein dynamics and function in the evolutionary history of the CO ₂ fixing enzyme Rubisco
Amichay Afriat	Weizmann Institute of Science Rehovot, Israel	Joshua Rabinowitz	Princeton University, United States	Small intestine spatial metabolomics in health and disease
Fatima Amer-Sarsour	Tel Aviv University, Israel	David C. Rubinsztein	Cambridge Institute for Medical Research (CIMR) Cambridge, United Kingdom	Identifying regulators of new steps in autophagy
Oren Barboy	Weizmann Institute of Science Rehovot, Israel	Franziska Blaeschke	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Systematically dissecting CAR T cell-Myeloid crosstalk in vivo: a powerful multi-platform strategy
Saja Fadila	Tel Aviv University, Israel	Anne Bertolotti	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Phospho-signalling pathways in protein quality control systems as modulators of ageing and diseases
Gily Ginosar	Weizmann Institute of Science Rehovot, Israel	Dan Sanes	New York University School of Medicine HHMI, United States	The neurobiology of natural communication
Qais Jaber	Tel Aviv University, Israel	Ralph Kleiner	Princeton University, United States	Activity-based profiling of RNA-modifying enzymes in pathogenic bacteria
Amit Marmelshtein	Tel Aviv University, Israel	Johannes Letzkus	Universität Freiburg, Germany	Contribution of top-down processing and global cortical broadcasting to auditory threat perception
Adi Millman	Weizmann Institute of Science Rehovot, Israel	Michael Laub	Massachusetts Institute of Technology (MIT) Cambridge (MA), United States	Understanding the viral influence on the human gut microbiome
Nimrod Rappoport	Tel Aviv University, Israel	Anne Brunet	University Stanford, United States	Exploring the link between chromatin and cell-cell communication changes during aging
Hadas E Sloin	Tel Aviv University, Israel	Randy Bruno	University of Oxford, United Kingdom	Uncovering the role of superficial and deep cortical layers in integrating sensory information
Adriano Bolondi	Max Planck Institute for Molecular Genetics Berlin, Germany	Elvan Böke	Centro de Regulación Genómica (CRG) Barcelona, Spain	The role of long-lived proteins in oocyte growth and ageing
Costanza Borrelli	ETH Zurich Basel, Switzerland	Gabriel D. Victora	Rockefeller University New York, United States	Understanding the role of tertiary lymphoid structures in chronic hepatitis C infection
Ilaria Carta	Albert Einstein College of Medicine Bronx, United States	Francesco Papaleo	Italian Institute of Technology Genova, Italy	Emotions impact on cortical inter-brain communication and modulation by oxytocin
Emma Dann	Wellcome Genome Campus Hinxton, United Kingdom	Jonathan Pritchard	Stanford University, United States	Mapping human regulatory networks across cell types: predicting perturbation responses from population-scale scRNA-seq
Alessandra Gurtner	University of Zurich, Switzerland	Miriam Merad	Mount Sinai School of Medicine New York, United States	The role of immuno-ageing in colorectal cancer development
Edoardo Longarini	Max Planck Institute for Biology of Ageing Cologne, Germany	Tom Muir	Princeton University, United States	Light-activated covalent protein assembly in live cells

Name ▼	Home institute	Group leader	Host institute	Project
Petra Mocellin	Leibniz-Institut für Neurobiologie Magdeburg, Germany	Stephan Lammel	University of California Berkeley, United States	Axonal growth in the adult nigrostriatal system and its implication for Parkinson's Disease
Arianna Penzo	Institut Jacques Monod Paris, France	Nadine Vastenhouw	University Lausanne, Switzerland	Investigating the mechanisms governing transcription factor combinatorial binding: a protein perspective
Davide Tamborrini	MPI für molekulare Physiologie Dortmund, Germany	Benjamin D. Engel	Biozentrum University of Basel, Switzerland	Time-resolved analysis of thylakoid remodeling via cryo-ET during dark-to-light transition
Mattia Alberto Ubertini	International School for Advanced Studies Trieste, Italy	Luca Giorgetti	Friedrich Miesher Institute for Biomedical Research (FMI) Basel, Switzerland	Characterizing the role of cohesin loop extrusion on the dynamics of enhancer-promoter interactions using live-cell imaging and biophysical modeling
Ida Marie Astad Jentoft	MPI für Multidisziplinäre Naturwissenschaften Göttingen, Germany	Andrea Pauli	IMP Vienna, Austria	Regulatory mechanisms of translation and protein architecture during embryonic diapause in killifish
Marta Grzonka	University of Cologne, Germany	Michael Lampson	University of Pennsylvania Philadelphia, United States	Genetic and epigenetic components of centromere inheritance
Agata Kalita	Institute of Molecular Biology (IMB) Mainz, Germany	Guillem Ylla	Jagiellonian University Krakow, Poland	Ancestral insect X chromosome dosage compensation: POF as the conserved master regulator
Anna Konturek-Ciesla	Lund University, Sweden	Timm Schroeder	ETH Zurich, Switzerland	Membrane-based regulation of asymmetric cell division in hematopoietic stem cells
Ewa Poniecka	International Institute of Molecular and Cell Biology Warsaw, Poland	Tom Battin	Swiss Federal Institute of Technology Lausanne, Switzerland	ICE-FATE: Understanding the downstream survival of ICE-locked bacteria: From genes to Adaptive Traits
Tomas Da Costa Cabral Gomes Pascoa	University of Oxford, United Kingdom	Jan Schuller	Philipps-Universität Marburg, Germany	Uncovering the structural diversity and molecular mechanisms of methanogenic Hdr complexes in Methanosarcina
Catarina Maria Da Silva Rosa	Institut Pasteur Paris, France	Moritz Treeck	Gulbenkian Institute of Molecular Medicine (GIMM) Oeiras, Portugal	How do the Toxoplasma latent stages remain inside human cells for years? A high-throughput screen for Toxoplasma effector proteins that rewire host cell transcription
Liane Fernandes	University College London, United Kingdom	Déborah Bourc'his	Institut Curie Paris, France	Transposable element repression programs: their interconnections and impact on cell fate
Tomás Fernandes	Universidade NOVA de Lisboa Lisbon, Portugal	Roland Riek	ETH Zurich, Switzerland	Decoding the structural basis of lipoprotein particle specificity for amyloid beta peptides in Alzheimer's disease
Anaisa Ferreira	Radboud University Nijmegen, Netherlands	Matthias Nahrendorf	Massachusetts General Hospital Boston, United States	Exercise-induced bone marrow reprogramming to combat atherosclerosis
Maria Brunderova	Institute of Organic Chemistry and Biochemistry AS CR Prague, Czech Republic	Philipp Holliger	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Next-generation hypermodified nucleic acid affinity ligands for microbiome editing
Daniel Gonzalez	University of Zurich, Switzerland	Paola Arlotta	Harvard University Cambridge, United States	Using human brain chimeroids to understand interindividual response to lithium in patients with bipolar disorder
Dimitrie Ivancic	Universitat Pompeu Fabra Barcelona, Spain	George Church	Harvard Medical School Boston, United States	In-situ phenotyping of protein variant libraries via spatial display
Ana Belén Plata Gómez	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Ping-Chih Ho	University of Lausanne Epalinges, Switzerland	Lipid configuration as a metabolic cell fate and immunosurveillance determinant in CD8+ T cells

Name ▼	Home institute	Group leader	Host institute	Project
Maria Ramos Zapatero	University College London, United Kingdom	Bernd Bodenmiller	University of Zurich, Switzerland	Unraveling cell-to-cell communication in epithelial breast cancer ecosystems through single-cell analysis of engineered organoids
Pablo Rodríguez Silvestre	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	David Sancho Madrid	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Dissecting the role of fatty acid oxidation in dendritic cell function and the regulation of immune responses
Jose Terron Bautista	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Maria Elena Torres Padilla	Helmholtz Zentrum München, Germany	Role of DNA topology in regulating early mammalian development
Pedro Weickert Vivancos	Ludwig-Maximilians-Universität München, Germany	Jonathan Strecker	Massachusetts General Hospital Boston, United States	Nucleic acid detection and repair during bacteria-phage interactions
Agnes Moe	Stockholm University, Sweden	Wanda Kukulski	University Bern, Switzerland	Molecular architecture and lipid transfer in mitochondrial membranes
Daniel Ballmer	University of Oxford, United Kingdom	Till Voss	Swiss Tropical and Public Health Institute Allschwil, Swaziland	Exploring the role of the centriolar plaque during gametocyte formation in Plasmodium falciparum
Joel Bauer	MPI for Biological Intelligence Martinsried, Germany	Troy W. Margrie	University College London, United Kingdom	Reconstruction of visual experiences and their replay from mouse visual cortex activity
Susanne Meile	ETH Zurich, Switzerland	Breck Duerkop	University of Colorado Denver Aurora, United States	The role of DNA transduction in microbiome evolution during phage-based therapy of inflammatory bowel disease
Matthias Schneider	University of Cambridge, United Kingdom	F. Ulrich Hartl	MPI für Biochemie Martinsried, Germany	Single particle tracking to monitor spreading and seeding of alpha-synuclein in live cells

EMBO Postdoctoral Fellowships awarded in 2024

Nationals of EMBC Associate Member States or Co-operation Partner States

Name ▼	Home institute	Group leader	Host institute	Project
Ankita Kapoor	Institute for Stem Cell Science and Regenerative Medicine Bangalore, India	Asifa Akhtar	MPI für Immunbiologie und Epigenetik Freiburg, Germany	Balancing Act: Unraveling metabolic regulation via acetyltransferase MOF during Drosophila development
Jagannath Maharana	Indian Institute of Technology Kanpur, India	Stefan Raunser	MPI für molekulare Physiologie Dortmund, Germany	Structural insights into the molecular determinants of inherited hypertrophic cardiomyopathies
Sriram Narayanan	National Centre for Biological Sciences Bangalore, India	Rainer Friedrich	University of Bern, Switzerland	Computational functions of inhibitory neuronal assemblies in cognitive representations
Shalini Rawat	Indian Institute of Science Education and Research (IISER) Mohali, India	Volker Haucke	Leibniz-Institut für Molekulare Pharmakologie (FMP) Berlin, Germany	How endoplasmic reticulum (ER) shape controls the translatome in response to nutrient status
Steven Le Hung Cheng	National University of Singapore, Singapore	Jane E. Parker	MPI für Züchtungs-forschung Köln, Germany	Engineering nucleotide-based immunostimulatory small molecules in plants

EMBO Postdoctoral Fellowships awarded in 2024

Nationals of other countries

Name ▼	Home institute	Group leader	Host institute	Project
Louisa Gonzalez Somermeyer	Institute of Science and Technology Austria (IST) Klosterneuburg, Austria	Christian Braendle	Institut de Biologie Valrose Nice, France	Capturing natural genetic complexity of a simple neural circuit
Valeria Castagna	University of Buenos Aires, Argentina	Marcela Lipovsek	University College London, United Kingdom	How the brain can protect the ear from aging: molecular pathways of hearing preservation
Katherine Balka	Monash University Clayton, Australia	Felix Meissner	Universität Bonn, Germany	Functional elucidation of novel cytokines
Kieran English	University Sydney, Australia	Bart Lambrecht	VIB - Flanders Institute for Biotechnology Ghent, Belgium	Evicting asthma: depleting pathogenic type-2 resident memory CD4+ T cells from the lungs of asthmatics
Marie-France Dorion	McGill University Montreal, Canada	Kiavash Movahedi	Vrije Universiteit (VUB) Brussels, Belgium	In vivo genetic screen in xenotransplanted cord blood-derived macrophages to identify regulators of human brain macrophage identities
Amena Nabih Mostafa	ETH Zurich, Switzerland	Andrea Pauli	IMP Vienna, Austria	Molecular basis of age-related changes in developmental competence in zebrafish
Yao Shen	McGill University Montreal, Canada	Peijun Zhang	Wellcome Centre for Human Genetics Oxford, United Kingdom	Deciphering HIV-1 Capsid and Nucleoporin Interactions during Nuclear Import
Jacob Wilde	University Guelph, Canada	Kevin Foster	University of Oxford, United Kingdom	Understanding the dual role of Immunoglobulin A (IgA) in mucosal selection
Jiashu Chu	University of Zurich, Switzerland	Dolf Weijers	Wageningen University, Netherlands	Linking cell surface auxin signaling to plant-microbe interaction
Siyu Liu	Institut Curie Paris, France	Matthew J. Neale	University of Sussex Brighton, United Kingdom	Effects of RMM complex on distribution of genetic recombination
Yanxiang Meng	Walter and Eliza Hall Institute Parkville, Australia	Nicolas Thomä	Swiss Federal Institute of Technology Lausanne, Switzerland	Unravelling the mechanisms of the neomorphic recruitment and degradation of the CoREST complex by KBTBD4
Zhiwen You	Chinese Academy of Sciences Shanghai, China	Sebastian Jessberger	University of Zurich, Switzerland	Development of a cfos-based system for multi-round neural activity recording
Zhi Zong	Zhejiang University Hangzhou, China	Marcus Conrad	Helmholtz Zentrum München, Germany	Interrogating the non-death functions of the ferroptosis regulator GPX4
Kadjita Asumbisa	McGill University Montreal, Canada	Flavio Donato	Biozentrum University of Basel, Switzerland	Re-engineering memory engrams in mice with brain machine interfaces
Yusuke Kijima	University of British Columbia Vancouver, Canada	Tugce Aktas	Max Planck Institute for Molecular Genetics Berlin, Germany	CRISPR screening for understanding the molecular mechanism of the SAFB-mediated L1 intronization pathway
Neftaly De Jesus Cruz Mireles	University of East Anglia Norwich, United Kingdom	Cyril Zipfel	University of Zurich, Switzerland	Elucidating the functional landscape of the Arabidopsis phosphoproteome
Sanjay Karki	Aix-Marseille Université Marseille, France	Herwig Baier	MPI for Biological Intelligence Martinsried, Germany	Decoding the molecular logic of retinal ganglion cell diversity and the development of visual perception
Sarah Messenger	Victoria University Wellington, Australia	Serina Robinson	ETH Zurich Dübendorf, Switzerland	Metagenome-guided discovery of new fluorination pathways in nature

Name ▼	Home institute	Group leader	Host institute	Project
Karishma Patel	University Sydney, Australia	Ivan Ahel	University of Oxford, United Kingdom	Deciphering the molecular mechanisms governing PARP14 ADP-ribosylation activity and its interplay with ubiquitylation signalling
Raluca Groza	Freie Universität Berlin, Germany	Tatjana Kleele	ETH Zurich, Switzerland	The regulation of mitochondrial dynamics by local protein translation in neurons
Ruxandra-Andreea Lambuta	Swiss Federal Institute of Technology Lausanne, Switzerland	Stamatis Papathanasiou	Institute of Molecular Biology (IMB) Mainz, Germany	Effects of normal and erroneous mitoses on genome organization
Elena Lavdovskaia	University Medical Center Göttingen, Germany	Nenad Ban	ETH Zurich, Switzerland	Molecular basis of the co-translational protein processing in human mitochondria
Stephen Abini-Agbomson	New York University, United States	Ibrahim Cissé	MPI für Immunbiologie und Epigenetik Freiburg, Germany	Direct visualization of DNA methyltransferase oligomerization and its influence on neuronal gene regulation
Krista Briedis Gert	IMP Vienna, Austria	Claudia Gerri	MPI für molekulare Zellbiologie und Genetik Dresden, Germany	No morula, no problem: How the pre-implantation tenrec embryo breaks symmetry during the first cell fate decision
Gabriela Casanova Sepulveda	Yale University New Haven, United States	Michael N. Hall	University of Basel, Switzerland	Deciphering the structural details and mechanism of RMB39 interaction with arginine in cancer metabolism
Victoria Chevée	University of California Berkeley, United States	Gérard Eberl	Institut Pasteur Paris, France	Acquired neuro-immune responses by cognitive pairing with feeding and its role during infection
Elizabeth Cooney	University of British Columbia Vancouver, Canada	Johan Decelle	University Grenoble Alpes Grenoble, France	Characterizing intermediate stages of primary plastid acquisition in cyanobacteria-bearing dinoflagellates
Alexandre Germanos	Fred Hutchinson Cancer Research Center Seattle, United States	Cristian Bellodi	Lund University, Sweden	Comprehensive mapping of PUS7 regulatory networks in developing and malignant lymphocytes
Sophie Giguere	Ragon Institute of MGH MIT and Harvard, United States	David Tollervey	Wellcome Centre for Cell Biology Edinburgh, United Kingdom	Investigating the core translational machinery during antiviral selective translation
Samuel Morabito	University of California Irvine, United States	Holger Heyn	Centro Nacional Análisis Genómico (CNAG) Barcelona, Spain	Charting immune cell signatures to tackle non-response to immunotherapy in colorectal cancer
Steven Redford	University of Chicago, United States	Wenyng Shou	University College London, United Kingdom	Creating robust microbial communities through engineering and evolution
Joseph Solomon	University of California Irvine, United States	Tobias J. Erb	MPI für terrestrische Mikrobiologie Marburg, Germany	Characterization and engineering of pyruvate:ferredoxin oxidoreductase for biotechnology applications
Rachel Szabo	Massachusetts Institute of Technology (MIT) Cambridge (MA), United States	Martin Ackermann	ETH Zurich Dübendorf, Switzerland	Uncovering predictive rules for phage community assembly across scales
Yennifer Mata Sucre	Universitaria-Campus da UFPE Recife, Brazil	Heïdi Serra	Genetics Reproduction and Development Institute, France	Back in time: how do Arabidopsis neo-allopolyploids achieve meiotic stability?

Contact:
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EMBO Scientific Exchange Grants

Applications and awards 2020-2024

Country <i>(refers to home institute)</i>	Applications (total)		Awards (total)		Success rate (%)
	Applications	%	Awards	%	
Austria	74	2,7	36	2,5	48,6
Belgium	46	1,7	23	1,6	50,0
Croatia	19	0,7	12	0,8	63,2
Czech Republic	74	2,7	40	2,8	54,1
Denmark	69	2,5	45	3,1	65,2
Estonia	3	0,1	1	0,1	33,3
Finland	15	0,5	9	0,6	60,0
France	87	3,2	52	3,6	59,8
Germany	107	3,9	61	4,2	57,0
Greece	49	1,8	34	2,4	69,4
Hungary	31	1,1	18	1,2	58,1
Iceland	1	0,0	1	0,1	100,0
India	128	4,7	59	4,1	46,1
Ireland	17	0,6	7	0,5	41,2
Israel	36	1,3	19	1,3	52,8
Italy	289	10,5	145	10,0	50,2
Latvia	0	0,0	0	0,0	0,0
Lithuania	6	0,2	3	0,2	50,0
Luxembourg	1	0,0	0	0,0	0,0
Malta	2	0,1	1	0,1	50,0
Montenegro	2	0,1	1	0,1	50,0
Netherlands	70	2,5	41	2,8	58,6
Norway	20	0,7	11	0,8	55,0
Poland	98	3,6	53	3,7	54,1
Portugal	81	2,9	45	3,1	55,6
Singapore	5	0,2	2	0,1	40,0
Slovak Republic	3	0,1	3	0,2	100,0
Slovenia	8	0,3	5	0,3	62,5
Spain	1124	40,9	581	40,3	51,7
Sweden	20	0,7	10	0,7	50,0
Switzerland	30	1,1	17	1,2	56,7
Türkiye	69	2,5	38	2,6	55,1
United Kingdom	88	3,2	52	3,6	59,1
USA / Canada	4	0,1	0	0,0	0,0
EMBL	0	0,0	0	0,0	0,0
Others	75	2,7	18	1,2	24,0
Total	2751		1443		52,5

Year	Applications (total)	Awards (total)	Success rate (%)
2024	705	320	45,4
2023	676	314	46,4
2022	679	389	57,3
2021	361	206	57,1
2020	330	214	64,8

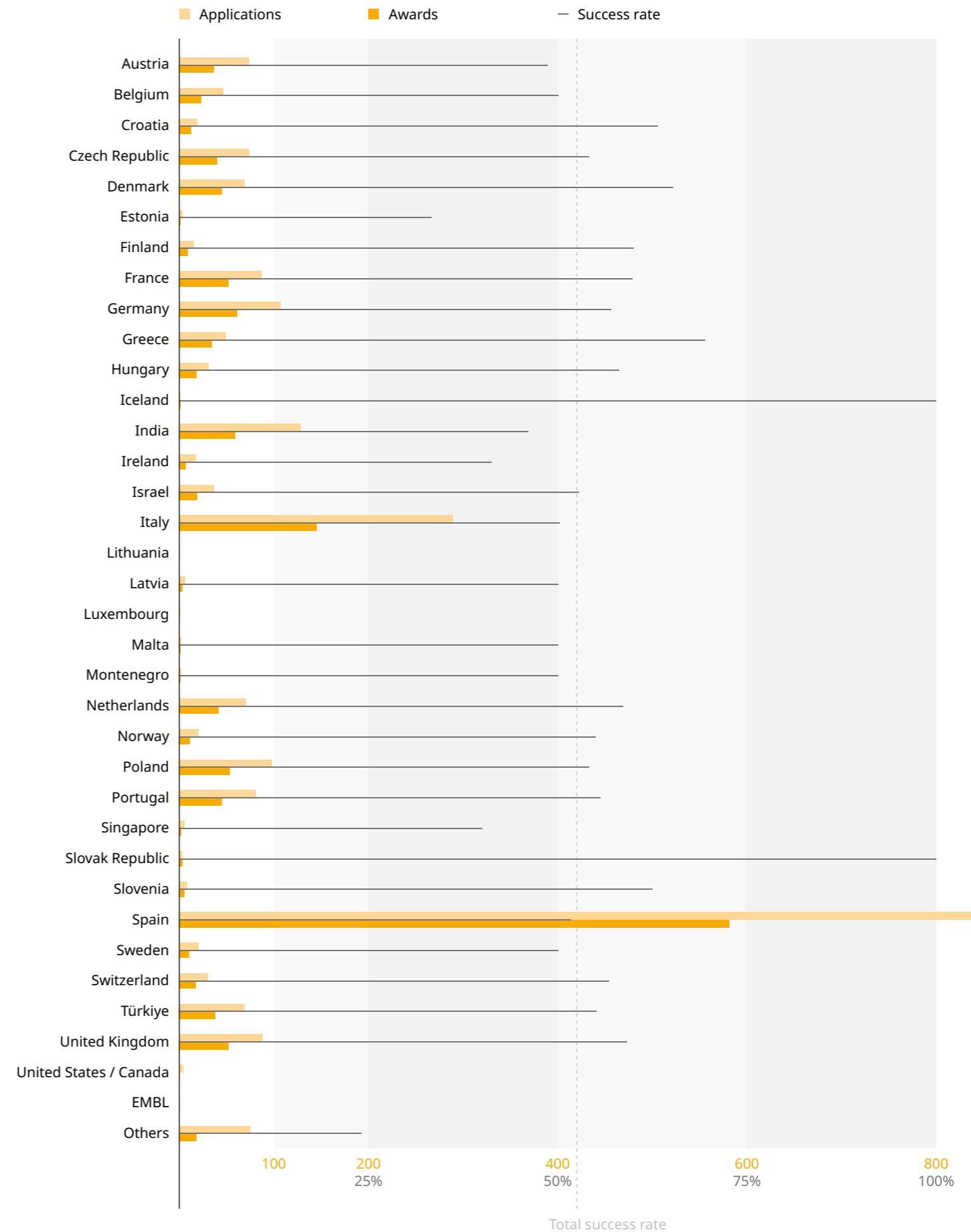
Please note that EMBO Scientific Exchange Grants were formerly called EMBO-Short-Term Fellowships. Data reported include applicants from the following grants: Scientific Exchange Grants, Advanced Collaboration Grants, Core Facility Fellowships, New Venture Fellowships

EMBL (all sites) are not counted towards the country the respective site is located in.

As of 2017 EMBO only funds applicants from EMBC Member States and EMBC/EMBO global partners and as of July 2024 EMBO started funding applicants from specific programs of the Japan Science and Technology Agency too.

Contact:
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Applications and awards 2020-2024 (graphical representation)



Geographical distribution 2024

To	From (refers to home institute)	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Iceland	India	Ireland	Israel	Italy	Latvia	Lithuania	Luxembourg	Malta	Montenegro	Netherlands	Norway	Poland	Portugal	Singapore	Slovak Republic	Slovenia	Spain	Sweden	Switzerland	Türkiye	United Kingdom	USA / Canada	EMBL*	Others	Total	
Austria				2	3	2			1	1	1		2			3													6	3		2						21	
Belgium				1		1			1	2	1												1	1	1	1		1	11	4								20	
Croatia										1													1	1														1	
Czech Republic	1	1	1												1	1							1						1	1		1	3	1				10	
Denmark	3	1		2	1			1	1			1	1	1	1	4	2							3	2				16	10			1	1				33	
Estonia																				1																		1	
Finland						1		1	1					1									1							3								7	
France	2	3	2	4	2	2	2		2	1	1	1	3	2	1	14	8						1	2	2	1	1	1	25	10	2	1	1				68		
Germany	3	1	1	3	1	1		5	3	3	3	1	3	1	2	11	8						2	3	2	1	1	1	44	25	3	3	3	2	1	3	1	94	
Greece								1									1												4	2	1	1		1				8	
Hungary								1																	1													3	
Iceland																																							
India																																						1	
Ireland																4	1												6	3								10	
Israel				1																																		1	
Italy	1	1		1	1			1	2	2	1		2	2								1	1		2	2	1	1	23	4	1		2				43		
Latvia																																						12	
Lithuania																																							
Luxembourg										1	1																		1	3								6	
Malta																																							1
Montenegro																																							
Netherlands	2	2	1	1	1			3	2	1	3	3	1	1		1							1	1	1	1		1	20	9		1					41		
Norway	1	1		1	1				1		1	1	1																2	1								8	
Poland			1							1		1	1			2													1									6	
Portugal										1																			10	5								14	
Singapore														1	1		1												1	1								4	
Slovak Republic																																						3	
Slovenia																														2								2	
Spain	2	2		3	1					1	1			1	6	2							1	1	1	2	1			1		1	3	2				24	
Sweden				1	2	1	2	1		1				1															13	4								28	
Switzerland				1	2	1		2	1	1							12												9	8			2	1	2	1		36	
Türkiye																																						0	
United Kingdom	4	3	2	5	2	1		5	3	6	6	1		6	2	1	16	6	1				2		4	4	2		70	35	2	2	1	2	1		135		
USA / Canada	1	1		1	1			5	1	4	1					2	8	3											31	7					2	1		59	
EMBL ¹								1	1	1	1						1	1											2	1							5		
Others				1					1	1	1		2	1			1												7	3								13	
Total		20	8	5	28	13	1	4	25	24	16	9	1	24	1	10	91	1	2	1	10	4	21	16	3	3	3	309	6	6	15	15	1		9		705		

applications ^{top} awards _{btm}

¹ EMBL (all sites) are not counted towards the country the respective site is located in.

EMBO Scientific Exchange Grants awarded in 2024

Name ▼	Home institute	Group leader	Host institute	Project
Milagros Buffa	Centro de Investigacion Principe Felipe (CIPF) Valencia, Spain	Ana J. García-Sáez	MPI für Biophysik Frankfurt, Germany	Unlocking BOK's Potential: Disrupting MCL1-BOK Interaction with a first in class inhibitor
Franco Nicolás D'Alessandro	University of Florence Firenze, Italy	Maximilian Reichert	Technische Universität München, Germany	Investigating the role of potassium channels in cell plasticity and intratumoral heterogeneity in pancreatic cancer using a branching organoid model
Katharina Schindlmaier	Medical University Graz, Austria	Cristina Muñoz Pinedo	Hospitalet de Llobregat Barcelona, Spain	Adaptation strategies of macrophages in the nutrient-poor tumor microenvironment
Alina Stockner	Medical University Graz, Austria	Anna Katharina Simon	University of Oxford, United Kingdom	Targeting the white adipose tissue to reverse heart failure with preserved ejection fraction
Gregor Wirnsberger	University Graz, Austria	Matteo Degiacomi	Durham University (UK), United Kingdom	ML-augmented MD Simulations for rationalizing stability differences of Phenolic Acid Decarboxylases
Cédric Schindfessel	Ghent University, Belgium	Karel Riha	Masaryk University Brno, Czech Republic	Investigating the role of molecular condensates in heat-induced meiotic restitution in plants
Ruben Schols	KU Leuven Leuven, Belgium	Benjamin Gourbal	Université Perpignan, France	TREFAS – Optimizing and conducting a reciprocal microbiota transplant experiment of the Fasciola-intermediate snail host Pseudosuccinea columella
Simon Strobbe	University of Geneva, Switzerland	Caroline Gutjahr	MPI für molekulare Pflanzenphysiologie Potsdam-Golm, Germany	Study of the contribution of B-vitamins to the arbuscular mycorrhiza symbioses in the model plant Lotus japonicus
Sarah Vorselmans	KU Leuven Leuven, Belgium	Eva Faurobert	Institut Albert Bonniot La Tronche, France	Incorporation and characterization of a FRET-based tension sensor library in a CCM disease model
Nejra Cosic Mujkanovic	Medical University Graz, Austria	Ana Janic	Universitat Pompeu Fabra Barcelona, Spain	Neutrophils-derived Myeloperoxidase causes DNA damage and impacts p53 signalling in lung cancer cells
Gabriel Aughey	University College London, United Kingdom	Brian McCabe	Swiss Federal Institute of Technology Lausanne, Switzerland	Investigating physiological consequences of cell-cycle gene expression in post-mitotic neurons
Amy Newell	University of Edinburgh, United Kingdom	Catharina Merchant	University of Malaga, Spain	Shade control of plant protein translation
Pooja Swali	University College London, United Kingdom	Hernan Eduardo Morales Villegas	GLOBE Institute Copenhagen, Denmark	Tracing avian pathogen evolution through historical museum collections
Di Peng	Uppsala University, Sweden	Julien Vermot	Imperial College London, United Kingdom	Defining the molecular interactions between Vegfc-Vegfr3 and piezo signalling during endothelial cell sprouting
Yuming Zhang	Uppsala University, Sweden	Vasiliki Koliaraki	BSRC Alexander Fleming Vari, Greece	Thermo-responsive magnetic hydrogel for local thermal ablation treatment of rectal cancer in murine models
Laura Gonzalez	École Normale Supérieure Lyon, France	Elwira Smakowska-Luzan	University and Research Wageningen, Netherlands	Is the KERBEROS protein a ROS sensor?
Ana-Marija Lulić	Institute for Medical Research and Occupational Health Zagreb, Croatia	Monika Oberer	University Graz, Austria	Biochemical and biophysical characterisation of lysophospholipase PNPLA7
Eva Chocholová	Masaryk University Brno, Czech Republic	Enrico Cappellini	University Copenhagen, Denmark	Palaeoproteomic insights into historic lung cancer trends: bridging past and future
Michaela Husová	Institute of Parasitology Biology Centre Czech Academy of Science, Czech Republic	Lucy Glover	Institut Pasteur Paris, France	Importance of the ATP synthase dimer for mitochondrial biogenesis

Name ▼	Home institute	Group leader	Host institute	Project
Michaela Pospíšilová	Masaryk University Brno, Czech Republic	J. Ross Chapman	University of Oxford MRC, United Kingdom	Exploring the role of RAD51 interaction with G4 in replication
Marie Sulcova	Stockholm University, Sweden	Madeline A. Lancaster	MRC Laboratory of Molecular Biology Cambridge, United Kingdom	Understanding of evolutionary regulation of human neocortex expansion by advanced epigenomic profiling
Adam Zeiner	Academy of Sciences of the Czech Republic Prague, Czech Republic	Dolf Weijers	Wageningen University, Netherlands	Analysis of selected Marchantia polymorpha callose synthases and their conserved regulators
Jasper Carlsen	Aarhus University, Denmark	Bart Ghesquière	KU Leuven Leuven, Belgium	Tracing Defective Mitochondrial Sulfide Metabolism in Ethylmalonic Encephalopathy
Kristoffer Højgaard	Aarhus University, Denmark	Christian Henneberger	Universität Bonn, Germany	Elucidating spatiotemporal dynamics of dopamine and norepinephrine co-release in the hippocampus via locus coeruleus axons
Jonas Julius Rudbæk	University Aalborg, Denmark	Claudia Fredolini	Science for Life Laboratory Solna, Sweden	Investigating systemic inflammatory changes at birth in individuals who later develop very early onset inflammatory bowel disease
Youri Bolsius	Weizmann Institute of Science Rehovot, Israel	Valentina Emiliani	Institut de la Vision Paris, France	Mastering two-photon optogenetics
Diede De Haan	Institut Pasteur Paris, France	Yannick Schwab	EMBL Heidelberg, Germany	Elucidating the ultrastructural basis of collective behavior in the closest living relatives of animals
Anneke Kastelein	University Medical Centre Leiden, Netherlands	Luís F. Moita	Instituto Gulbenkian de Ciência Oeiras, Portugal	Elucidating the role of GDF-15 in cancer related fatigue
Sjoerd Klaasen	Leiden University Medical Center Leiden, Netherlands	Iva Tolić	Ruđer Bošković Institute Zagreb, Croatia	Mitotic spindle adaptations cause KIF18A inhibitor therapy resistance in cancer
Michael Schakelaar	University Medical Centre (UMC) Utrecht, Netherlands	Juan José Rojas Expósito	Universitat de Barcelona Barcelona, Spain	Enhancing oncolytic Vaccinia virus therapy with trispecific NK cell engagers for Medulloblastoma
Anna White	GLOBE Institute Copenhagen, Denmark	Nicolas Rascovan	Institut Pasteur Paris, France	The ecology and evolution of the human oral microbiome
Carmela Rieline Cruz	Universität Göttingen, Germany	M. Azim Surani	University of Cambridge, United Kingdom	Investigating the role of the histone variant H3.3 in programming of human primordial germ cells
Pascale Cossart	Institut Pasteur Paris, France	Sophie Helaine	Harvard Medical School Boston, United States	Interaction of Listeria monocytogenes and Prevotella copri
Robin Journot	Institut Curie Paris, France	Kim B. Jensen	Novo Nordisk Foundation Center for Stem Cell Biology (DanStem) Copenhagen, Denmark	MorphoFate glandular epithelia
Doriane Le Manach	Medical University of Lublin Lublin, Poland	Philippe Nghe	École Supérieure de Physique et de Chimie Industrielles (ESPCI) Paris, France	Development of HNSCC co-culture models in microfluidic chips to investigate Cisplatin resistance regarding the NOTCH signalling pathway
Hugo Le Roy	Swiss Federal Institute of Technology Lausanne, Switzerland	David Zwicker	MPI für Dynamik und Selbstorganisation Göttingen, Germany	Equilibrium phase behavior of alpha-Synuclein
Pierre Paillard	Université de Rennes 1 Rennes, France	Giulia Zanetti	The Francis Crick Institute London, United Kingdom	Structural characterization of the conjugative Type IV secretion system during DNA transfer mode
Camille Noé Servin Barthet	Universitat Autònoma de Barcelona Barcelona, Spain	Andrew Zalesky	University of Melbourne, Australia	Unravelling changes in the brain's connectome during the transition to motherhood
Miriam Ulrike Albensoeder	Goethe University Frankfurt, Germany	Joerg Bewersdorf	Yale University New Haven, United States	Supramolecular organization of the antigen processing machinery (PLC) in the context of ER morphology

Name ▼	Home institute	Group leader	Host institute	Project
Janna Becker	Universität Tübingen, Germany	Benoit Marteyn	IBMC Strasbourg, France	Effects of synergistic activation of formyl-peptide-receptor 1 and 2 on proteoglycophili release by human neutrophils during Staphylococcus aureus infection
Lars Eicholt	University of Münster, Germany	Richard Goldstein	University College London, United Kingdom	Proteins uncharted: mapping the sequence space between conserved, de novo, and random proteins
Rosa Einenkel	Humboldt University BerlinHumboldtUniversity Berlin, Germany	Julien Bergeron	King's College London, United Kingdom	Single-particle cryo-electron microscopy for structural studies of the flagellar filament cap of Salmonella enterica
Rieke Keller	Goethe University Frankfurt, Germany	Peter Steinberger	Medical University of Vienna, Austria	Supramolecular organization of T cell receptor complexes in early signaling
Gwendolyn Kirschner	The James Hutton Institute Dundee, Ireland	Timo Engelsdorf	Philipps-Universität Marburg, Germany	Cell wall properties of the hypergravitropic mutant enhanced gravitropism 2
Michael Naumann	Otto-von-Guericke-Universität Magdeburg, Germany	Mario Delios	University of Siena, Italy	Investigation of the molecular crosstalk between Helicobacter pylori-infected gastric mucosoids and isolated Th 17 cells from patients
Philipp Ostermann	University of Cologne, Germany	Janos Vörös	ETH Zurich, Switzerland	Excitation-transcription coupling alters activity of nociceptors
Georgios Aindelis	Democritus University of Thrace Alexandroupoli, Greece	Eran Elinav	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Evaluating microbiome and metabolic alterations associated with glioblastoma pathogenesis
Konstantina Chanoumidou	University of Crete Heraklion, Greece	Anne Gruenewald	University Luxembourg, Luxembourg	Studying glucose neurotoxicity in a human-ipsc based model to unravel the therapeutic benefits of p75NTR targeting
Panagiota Georgiadou	Bogazici University Istanbul, Türkiye	Alain Prochiantz	Collège de France Paris, France	In depth characterization of the motor neurons of a novel ALS mouse model driven by tNEK1-expression and further investigation of the cellular mechanisms underlying the clinical response to interferon therapy
Elena Gkantzou	Foundation for Research and Technology Hellas Patras, Greece	Iwan Burgener	University of Veterinary Medicine Vienna, Austria	Development and evaluation of a new organ-specific bioink for enhanced organoid growth and drug testing
Dimitrios Koumadorakis	Biomedical Sciences Research Center 'Alexander Fleming' Athens, Greece	Julio Saez-Rodriguez	Institute for Computational Biomedicine Heidelberg, Germany	Decoding the antigen-presenting stroma landscape of lung tumors
Konstantinos Ntatsoulis	BSRC Alexander Fleming Vari, Greece	Vassilis Pachnis	Francis Crick Institute London, United Kingdom	Investigation of the fibroblast-neuronal interactions in intestinal inflammation
Katerina Spyridopoulou	Democritus University of Thrace Alexandroupoli, Greece	F. Nina Papavasiliou	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	The impact of protein corona on the efficiency of immunogenic cell death-inducing biogenic selenium nanoparticles
Polychronis Tatsis	Institute of Evolutionary Biology (IEB) Barcelona, Spain	Jordi Solana	University of Exeter, United Kingdom	Unraveling arthropod respiration at single cell resolution
Abris Bendes	University Turku, Finland	Marta Carroni	Science for Life Laboratory Solna, Sweden	A Clever-1 approach towards targeted oncotherapy
Dalma Dojcsák	University of Miskolc Miskolc, Hungary	Manfred Wuhrer	University Medical Centre Leiden, Netherlands	Total blood and IgG N-glycosylation analysis of Sclerosis Multiplex, Appendicitis and Diabetes cohorts as compared to different inflammatory diseases
Barbara Erdélyi-Furka	University Szeged, Hungary	Peter Van Lwijk	University Medical Center Groningen, Netherlands	Investigation of the pivotal role of endothelial cell damage in radiation-induced cardiotoxicity

Name ▼	Home institute	Group leader	Host institute	Project
András Jipa	Biological Research Centre Szeged, Hungary	Terje Johansen	University of Tromsø, Norway	Understanding the in vivo role of a selective ER-phagy pathway
Teitur Sævarsson	University of Iceland Reykjavík, Iceland	Else Marit Inderberg	University Hospital Oslo, Norway	Mechanism and functional activity of high PD-L1 expression in melanoma
Spraha Bhandari	National Centre for Biological Sciences Bangalore, India	Reinhard Bauer	Universität Bonn, Germany	Exploring potential interactions or regulatory mechanisms involving pannier and innexin during embryonic development
Abhijit Das	Indian Institute of Technology Mumbai, India	Ulrike Binder	Medical University Innsbruck, Austria	Galleria mellonella: a model system for understanding the beta-glucosidase mediated virulence of human pathogenic fungi <i>Candida glabrata</i>
Mamatharani Deepa Venugopal	Indian Institute of Science Education and Research Pune, India	Till Voss	Swiss Tropical and Public Health Institute Allschwil, Swaziland	Investigating the mechanism of PfHP1 (Plasmodium falciparum Heterochromatin Protein 1) mediated virulence (var) gene regulation
Ashna Fathima	Birla Institute of Technology and Science Pilani Hyderabad, India	Philippe Lesnik	Sorbonne University Paris, France	Study the functional role of host gut microbiota-derived secondary bile acids in the differentiation of tolerogenic dendritic cells and ameliorate intestinal inflammation
Biswajit Ghosh	Freie Universität Berlin, Germany	Hans-Wilhelm Nuetzmann	University of Exeter, United Kingdom	Role of PW01 protein on 3D chromatin organization in plants
Jaiganesh Jagadeesh	Instituto de Medicina Molecular Lisboa, Portugal	Bart Deplancke	Swiss Federal Institute of Technology Lausanne, Switzerland	Learning single cell computational tools to identify novel regulators in Trypanosome cell identity
Mabel Maria Mathew	Indian Institute of Science Education and Research Pune, India	Joris Sprakel	Wageningen University, Netherlands	Probing the interplay between mechanics, cell division and cell polarity during de novo shoot regeneration
Barsha Baisakhi Nayak	Medical University Graz, Austria	Anne Van Der Does	University Medical Centre Leiden, Netherlands	The role of JAK/STAT signaling in neutrophilic airway inflammation in COPD
Lavanya Ranganathan	Universitaetsklinik Freiburg, Germany	Florent Mouliere	Cancer Research UK Manchester Institute, United Kingdom	Comprehensive exploration of genome-wide fragmentation patterns in cell-free DNA from PCNSL patients
Poonam Rawat	Banaras Hindu University Varanasi, India	Jeanne Mialet-Perez	Université Angers, France	Effect of estrogenic plant extracts on alleviating menopause associated cardiovascular diseases: role of MAO-A inhibition
Rajlakshmi Sawale	Aarhus University, Denmark	Alexander F. Schier	Biozentrum University of Basel, Switzerland	Single-cell visualization of the impact of the gut microbiome on the gut cell responses in autism spectrum disorders
Dipika Sharma	All India Institutes of Medical Sciences (AIIMS) Delhi, India	Andrew Quigley	Harwell Research Complex Didcot, United Kingdom	Structural investigation of ABC transporter from Mycobacterium tuberculosis
Parth Trivedi	Indian Institute of Technology Mumbai, India	Yue Wang	Agency for Science Technology and Research A*STAR, Singapore	Molecular basis of host-pathogen interactions during mixed-species candidiasis
Yaron Carmi	Tel Aviv University, Israel	Michael L. Dustin	University of Oxford, United Kingdom	Elucidate the mechanism through which FcγRI is exclusively activated by immune complexes
Lavi Coren	Technion Haifa, Israel	Megan Killian	University of Michigan Ann Arbor, United States	Identifying the role of muscle contraction during fibroblast diversification and embryonic development of muscle connective tissue
Elisa Adani	Università di Modena e Reggio Emilia (UNIMORE) Modena, Italy	Vasiliki Kalatzis	Institute for Neurosciences Montpellier, France	Investigation of metabolic dysregulations in Retinal Degeneration organoid models
Fabio Alfieri	European Institute of Oncology (IEO) Milano, Italy	Teresa Davoli	NYU Langone Medical Center, United States	Identifying selection acting on chromosomal aneuploidy using an in vitro mini-aneuploidy screening

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Stefano Bosio	Università Bologna, Italy	Massimiliano Bonomi	Institut Pasteur Paris, France	Integrating computational approaches for advancing RNA-targeted drug discovery
Federica Brunoni	Palacký University Olomouc, Czech Republic	Andrea Chini	Centro de Biotecnología y Genómica de Plantas Madrid, Spain	Functional analysis of the cis-OPDA conjugative pathway in the liverwort <i>Marchantia polymorpha</i>
Valeria Buoli Comani	Università degli Studi di Parma, Italy	Mattia Zampieri	University of Basel, Switzerland	Impact of carbon source type and iron deprivation on the growth of <i>Staphylococcus aureus</i> mutants impaired in siderophore biosynthesis: a metabolomic study
Joaquin Clua	University Lausanne, Switzerland	Thierry Desnos	Institut de Biologie environnementale et de biotechnologie Saint Paul Lez Durance, France	Application of the smFISH technique to unveil the regulatory mechanisms underlying root responses to abiotic stress at single cell resolution
Sara Colanero	Università degli Studi Milano, Italy	Boris Parent	Institut National de Recherche pour l'Agriculture l'Alimentation et l'Environnement (INRAE), France	Unlocking crop potential: high-throughput phenotyping evaluation of ABA Signaling mutants obtained with CRISPR-Cas9
Federica Corigliano	San Raffaele Institute (HSR/TIGET) Milano, Italy	Gaetano Gargiulo	Max-Delbrück-Centrum Berlin, Germany	Unravelling plasticity in Glioblastoma: engineering primary cells with synthetic reporters towards a more effective treatment
Azzurra Costantino	University of Florence Sesto Fiorentino, Italy	Pär Nordlund	Karolinska Institutet Stockholm, Sweden	Investigating the binding of new sulfonamide compounds to cytosolic carbonic anhydrases by Cellular Thermal Shift Assay (CETSA)
Giorgia D'Ariano	Università degli Studi di Roma 'Tor Vergata' Rome, Italy	Mattia Francesco Maria Gerli	University College London, United Kingdom	Amniotic fluid – derived lung organoids for advancing prenatal medicine
Valerio Di Domenico	CSIC Institut de Biología Molecular Barcelona, Spain	Justin Benesch	University of Oxford, United Kingdom	Unveiling the capsule polysaccharide recognition mechanism by bacterial polymerases
Lara Di Leonardo	Università Palermo, Italy	Mareike Lehmann	Philipps-Universität Marburg, Germany	Investigating the impact of dsRNA-induced macrophage pyroptosis on lung fibrotic remodeling using human Precision-Cut Lung Slice (hPCLS) models
Alessandro Esposito	Istituto di Neuroscienze Vedano al Lambro, Italy	Vassiliki Nikolopoulou	University Lausanne, Switzerland	Characterizing autophagic defects in models of infantile neuronal ceroid lipofuscinosis
Francesco Farris	Istituto Firc di Oncologia Molecolare Milano, Italy	Guillaume Montagnac	Institut Gustave Roussy Villejuif, France	RESCUE: Remodelling Extracellular matrix in Stroma-Cancer crosstalk. Unravelling the role of BACE2
Alex Fissore	Università Torino, Italy	Milagros Medina	Universidad Zaragoza, Spain	Characterization of a new lipase from hazelnut seed
Francesca Forno	Telethon Institute of Genetics & Medicine (TIGEM) Pozzuoli, Italy	Franck Perez	Institut Curie Paris, France	Correlating transcriptional responses with membrane transport activation during de novo Golgi biogenesis
Roberta Genova	Estación Experimental del Zaidín CSIC, Spain	Ashleigh Holmes	The James Hutton Institute Dundee, Ireland	Understanding the role of chemotaxis in <i>Pectobacterium atrosepticum</i> SCRI1043 infection
Flavia Giacalone	Università Cattolica del Sacro Cuore Rome, Italy	Frédérique Magdinier	Aix-Marseille Université Marseille, France	Determining the contribution of non-myogenic mesenchymal cells in facioscapulohumeral muscular dystrophy-related degeneration using a 3D disease model
Benedetta Guagnini	University Trieste, Italy	Manuele Muraro	University of Basel, Switzerland	Assessing the osteogenic potential of innovative alginate-based composite scaffolds: exploring intramembranous and endochondral ossification pathways using a perfusion-based bioreactor approach for bone regeneration

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Alice Gualerzi	Institut national du cancer (Istituto Nazionale dei Tumori Fondazione IRCCS) Milano, Italy	Marco Monopoli	Royal College of Surgeons in Ireland Dublin, Ireland	Exploring the role of glycans in alpha-synuclein/membrane interaction and in the progression of Parkinson's Disease
Lucia Iannotta	CNR Institute of Neuroscience Milano, Italy	Florian Fröhlich	University Osnabrück, Germany	A lipidomic approach to untangle VPS13D's physiological role
Donatella Lobraico	Universita Bari, Italy	Clara Martin		Investigating astrocytes and dopamine involvement in hedonic value coding in the olfactory bulb
Giovanni Loprete	Università di Padova, Italy	Robert Kourist	Technical University Graz, Austria	Scale-up of a light-fueled whole-cell system for biocatalysis using <i>Synechocystis</i> sp. PCC6803
Andrea Magni	Università Pavia, Italy	Massimiliano Bonomi	Institut Pasteur Paris, France	Mechanistic studies of Hsp70: combining structural and biophysical methods for therapeutic advances
Chiara Marchioro	University Padua, Italy	Francesco Saverio Tedesco	University College London, United Kingdom	Deciphering the role of BAG6 in neural and myogenic development to understand Medulloblastoma pathogenesis
Salvatore Martino	Università Palermo, Italy	Viji Draviam	University of London London, United Kingdom	Exploring the effects of DNA hypomethylation on kinetochore-microtubule attachment and the Spindle Assembly Checkpoint in DLD-1 Cancer Cells
Sara Menegazzo	Institute for Pediatric Research (IRP) Padova, Italy	Song Li	University of California Los Angeles, United States	Dissecting the phenotypic rewiring of neuroblastoma cells to overcome drug resistance
Livia Merendino	Université Paris-Saclay Gif-sur-Yvette, France	Daan Weits	Utrecht University, Netherlands	Study of the response to hypoxic stress in Arabidopsis seedlings during emergence from the soil
Simone Messina	University of Tuscia Viterbo, Italy	Frank Rheindt	National University of Singapore, Singapore	Genomic markers to inform spatial conservation actions in the tropics
Daniele Migliorati	University Trento, Italy	Manuel Kaulich	Goethe University Frankfurt, Germany	Precision engineering: reprogramming the m6A writer for controlled functional alterations
Ludovica Montesi	University Urbino Carlo Bo Urbino, Italy	Anna Herland	Karolinska Institutet Stockholm, Sweden	Advancing neurodegenerative disease models: integrating human iPSCs and Real-Time sensing in NeuroVascular Unit-on-a-Chip Systems
Alessandra Mussi	Stazione Zoologica 'Anton Dohrn' Napoli, Italy	Flora Vincent	EMBL Heidelberg, Germany	Morphological and molecular responses of the planktonic diatom <i>Chaetoceros</i> cf. <i>affinis</i> under nitrogen starvation
Chiara Nappi	Instituto de Neurociencias San Juan de Alicante, Spain	Graziana Gatto	University of Cologne, Germany	Exploring the evolution of spinal circuits and behavioral patterns in chronic pain
Bernardo Papini Gabiatti	University Würzburg, Germany	Eva Kowalinski	EMBL Grenoble, France	In vitro reconstitution of the unique Ran GTP gradient system of <i>Trypanosoma</i> using the baculovirus expression system
Ida Pelosi	Istituto Italiano Di Tecnologia Napoli, Italy	Zacharias Kontarakis	ETH Zurich, Switzerland	Harnessing anti-cancer T-Cells: the dual approach of IL-18 gene delivery and TIGIT suppression
Matilde Perrino	Center for Mind/Brain Sciences (CIMeC) Rovereto, Italy	Johannes Larsch	University Lausanne, Switzerland	Neural circuits for visual motion perception and group size assessment in zebrafish
Laura Pignata	University of Campania 'Luigi Vanvitelli' Caserta, Italy	Erik Garrison	University of Tennessee Memphis, United States	Unraveling molecular mechanisms underlying Imprinting Disorders through long-read sequencing and pangenomics
Eugenia Pignataro	Universita Bari, Italy	Cristiano Varrone	University Aalborg, Denmark	Expression of novel PE-ase DEMETRA to investigate polyolefins degradation mechanism

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Mara Pisani	Istituto Italiano Di Tecnologia Napoli, Italy	Irene Otero-Muras	Institute for Integrative Systems Biology Valencia, Spain	Stochastic modelling and population distribution analysis of a combinatorial genetic naringenin biosensor
Luca Ponzone	Università Torino, Italy	Anna C. Obenauf	IMP Vienna, Austria	Unraveling the link between MAPK pathway and Type I Interferon in targeted-therapy resistant melanomas
Vinicio Rosano	University of Zurich, Switzerland	Pei-Chi Wei	Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany	Role of RECQ5 DNA helicase in the resolution of Transcription-Replication Conflicts
Marco Sala	Università di Padova, Italy	Alexis Hervais-Adelman	University of Geneva, Switzerland	The role of pre-stimulus alpha power for speech comprehension in acoustically challenging conditions
Angelica Severino	Università 'Federico II' Napoli, Italy	Chase Biesel	University Würzburg, Germany	CRISPR goes psychrophilic: development of genome engineering tools for the psychrophilic <i>Pseudoalteromonas haloplanktis</i> TAC125
Veronica Testa	Hospitalet de Llobregat Barcelona, Spain	Chiara Zurzolo	Institut Pasteur Paris, France	Investigating tunnelling nanotubes presence using a Parkinson's disease hiPSCs-based brain model
Daniele Trivellato	University Verona, Italy	Michele Vendruscolo	University of Cambridge, United Kingdom	Impact of site-specific ubiquitination on the assembly of Alzheimer's tau fibrils through a brain-seeded aggregation assay
Valeria Uleri	Institute of Molecular Genetics of the ASCR Prague, Czech Republic	Susana Minguet	Universität Freiburg, Germany	The role of LCK and FYN in peripheral T cell
Luigia Valsecchi	Università degli Studi di Milano Bicocca Milano, Italy	Diu Nguyen	Queen Mary University of London, United Kingdom	Identification of MSI2 direct targets in KMT2A-rearranged infant Acute Lymphoblastic Leukemia through HyperTRIBE system
Alessandro Vitriolo	Università degli Studi Milano, Italy	Ana Pombo	Max-Delbrück-Centrum Berlin, Germany	Integration of genome architecture mapping and multiomics across species to decouple GTF2I and LSD1 regulatory activity in neuronal differentiation and neurodevelopmental disease pathogenesis
Elena Zaccheroni	European Institute of Oncology (IEO) Milano, Italy	André Görgens	Karolinska Institutet Stockholm, Sweden	Liquid biopsy in Glioblastoma (GBM): characterization of plasma extracellular vesicles for non-invasive GBM diagnosis, monitoring and identification of circulating biomarkers
Sabrina Zappone	Italian Institute of Technology Genova, Italy	Murat Sunbul	Universität Heidelberg, Germany	Fluorescent aptamer-based detection of NEAT1 long non-coding RNA in paraspeckles with a single-photon array detector
Fukuaki Kinoshita	University of Tokyo, Japan	Mino Belle	University of Manchester, United Kingdom	Investigating synaptic dynamics during the sleep-wake cycle
Ali Haidar	CNRS Institute of Human Genetics Montpellier, France	Mandy Jeske	Biochemie-Zentrum (BZH) der Universität Heidelberg, Germany	Using ReLo assay to identify Aubergine domains involved in translation activation
Clara Paola Igisch	École Normale Supérieure Lyon, France	Piers Hemsley	University of Dundee, United Kingdom	Understanding the role of S-acylation in the regulation of small Rho GTPase signaling
Emma Jayne Spiteri	University of Malta Msida, Malta	Carmine Carbone	Università Cattolica del Sacro Cuore Rome, Italy	Reconciling cellular and 2D spatial transcriptomics with proteomic networks in human pituitary neuroendocrine tumours (PitNETs)
Patricio Aguirre Pineda	Institut de Physiologie et de Chimie Biologique Strasbourg, France	Florian Fröhlich	University Osnabrück, Germany	Role of Lec1 in autophagy mediated by Vps15, adaptor of the lipid kinase Vps34
Cheng-Han Ho	University of Tokyo, Japan	Julia Mahamid	EMBL Heidelberg, Germany	Acquisition of advanced in-cell cryo-electron tomography techniques for the study of chromatin structure

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Peter Dougherty	University of Copenhagen Frederiksberg, Denmark	Eduardo P.C. Rocha	Institut Pasteur Paris, France	Hidden Giants; identifying jumbo phages in bacterial assemblies
Ahmer Bin Hafeez	University Gdansk, Poland	Sarah Barry	King's College London, United Kingdom	Exploring secondary metabolites from bee product-associated bacteria: isolation, purification, Mass-Spec analysis, and potential structural Insights
Sheeza Mughal	Institut de Bioenginyeria de Catalunya (IBEC) Barcelona, Spain	Karl Morten	University of Oxford, United Kingdom	Investigating skeletal muscle tissue response to ME/CFS and long COVID-19 Sera through bioengineered 3D models and multi-omics approaches
Andrea Cecilia Garcia Sandoval	Institute for Advanced Biosciences La Tronche, France	David Tollervey	Wellcome Centre for Cell Biology Edinburgh, United Kingdom	Identifying RNA partners of a novel disordered nucleolar protein involved in tumour progression
Juan De Dios Palomino Villcas	University of Florence Firenze, Italy	Nnennaya Kanu	University College London, United Kingdom	Characterising the impact of chemotherapy on ecDNA formation and amplification
Estefania Torrejón	Nova Medical School Lisbon, Portugal	Anaïs Baudot	Aix-Marseille Université Marseille, France	Deciphering the gut-to-kupffer cell communication network mediated by gut-derived extracellular vesicles
Dominika Drapała	Jagiellonian University Krakow, Poland	Claudio Cantù	Linköping University, Sweden	Epigenetics and innate immunity: Exploring the role of histone acetylation in the regulation of host innate immune responses in periodontitis
Maria Gorczyca	University of Life Sciences Poznan, Poland	Irina Borodina	Technical University of Denmark Kongens Lyngby, Denmark	Yarrowia lipolytica's native transcription factors knock-outs and their impact on stress resistance and heterologous protein production
Klaudia Kołodziejaska	The Polish Academy of Sciences Warsaw, Poland	Patrick Laurent	Université Libre de Bruxelles Brussels, Belgium	Unveiling the exopher logic: neuronal AND gates in extracellular vesicle regulation
Aleksandra Korba-Mikołajczyk	Wrocław University of Science and Technology Wrocław, Poland	Charaf Benarafa	University Bern, Switzerland	The study of the role of granzyme A in neutrophil homeostasis and death
Jan Mikołajczyk	The Polish Academy of Sciences Warsaw, Poland	Nick Gilbert	MRC Human Genetics Unit Edinburgh, United Kingdom	Investigating transcriptional crosstalk between human RNA polymerases
Kacper Szymański	University of Environmental and Life Sciences Wrocław, Poland	Lionel Ballut	Université Claude Bernard Lyon 1 Lyon, France	Elucidation of Yarrowia lipolytica hexokinase 1 structure
Katarzyna Szymczak-Kulus	Hirsfeld Institute of Immunology and Experimental Therapy Wrocław, Poland	Michał Grzybek	Technische Universität Dresden, Germany	Investigation of cSrc kinase interaction with globotriaosylceramide (Gb3) in human colon adenocarcinoma cells
Sara Trzos	Jagiellonian University Krakow, Poland	Hans Wandall	University Copenhagen, Denmark	Analysis of O-glycosylation of proteins involved in immune response and optimization of the COSMC gene knockout by CRISPR/Cas9 method
Vitória Baptista	Universidade do Minho Braga, Portugal	Ángel Vizoso Vázquez	University A Coruña, Spain	Lipocalin's interactome: unveiling the heme detoxification pathway of the malaria parasite
Mariana Colaço	Universidade Coimbra, Portugal	Fabio Sonvico	Università degli Studi di Parma, Italy	Exploring nasal mucosal immunization: adjuvant development for effective COVID-19 vaccines
Rachel Cordeiro	University of Lisbon, Portugal	Martin Stoddart	AO Research Institute (ARI) Davos, Switzerland	Chondrogenic factors and cell architecture in multi-axial stimulated hybrid scaffolds
Juliana Gonçalves	Technische Universität München, Germany	Steven Verhelst	KU Leuven Leuven, Belgium	Mass Spectrometry imaging: a high-throughput screening tool for combinatorial peptidomimetic libraries

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Malina Carmina Ilinca	Instituto de Biomedicina de Valencia (IBV) Valencia, Spain	Symeon Siniosoglou	University of Cambridge, United Kingdom	Study of the regulation of mitosis in Saccharomyces cerevisiae
Alexandra Mihut	Biological Research Centre Szeged, Hungary	Gilles Salbert	Université de Rennes 1 Rennes, France	Mapping Parp1 and Poly-ADP-ribosylation at specific chromatin loci during P19 neuronal differentiation
Anastasia Rakhimbekova	Medical University Graz, Austria	Sophie Zinn-Justin	CEA Paris-Saclay Paris, France	Solution NMR studies of beta-catenin and its interaction with FOXM1 transcription factor using methyl-specific isotope labelling
Donald Tay	Nanyang Technological University Singapore, Singapore	Manoj Duraisingh	Harvard School of Public Health Boston, United States	Deconvoluting the mechanisms of actions and resistances against novel antimalarial candidates
Petra Brisudová	Prague Institute of Biotechnology, Czech Republic	Luca Tiano	Università Politecnica delle Marche Ancona, Italy	The role of mitochondrial coenzyme Q redox cycling in glioblastoma formation
Barbora Bučková	Cornelius University Bratislava, Slovakia	Courtney Stairs	Lund University, Sweden	Identification of the biosynthetic pathway and external sources of quinones in the protists Blastocrithidia nonstop and Paradiplonema papillatum
Tomas Gybel	Masaryk University Brno, Czech Republic	Gopal P. Sapkota	University of Dundee, United Kingdom	CK1alpha/CK1epsilon chimeras as a tool to define role of FAM83 proteins in achieving CK1 specificity in the Wnt pathway
Petra Kompaníková	Masaryk University Brno, Czech Republic	Igor Adameyko	Medical University of Vienna, Austria	Resolving the Choroid Plexus multicellular architecture on the transcriptomic level
Matej Medla	Slovak Academy of Sciences Bratislava, Slovakia	Albrecht Haase	University Trento, Italy	Pioneering calcium imaging study of neuropeptide functions in the hard tick Ixodes ricinus
Antonia Mikulova	Masaryk University Brno, Czech Republic	Igor Adameyko	Medical University of Vienna, Austria	Study of the mechanisms underlying the embryonic development of the choroid plexus by means of advanced single-cell RNA sequencing data analysis
Martina Skopkova	Slovak Academy of Sciences Bratislava, Slovakia	Sebastien Kúry	Université de Nantes, France	Evaluating the impact of a candidate variant in the PSMB5 gene on proteasome function
Miha Modic	King's College London, United Kingdom	Leo Kurian	Goethe University Frankfurt, Germany	MERFISH screen to decipher the networks of RNA scaffolding developmental transcripts during embryogenesis
Anja Palandacic	Natural History Museum Vienna Vienna, Austria	Nicolas Straube	University Bergen, Norway	Genotyping reference specimens for conservation management of sharks and rays
Ana Trobec	University of Ljubljana, Slovenia	Karine Raymond	University Medical Centre Leiden, Netherlands	Epidermolysis bullosa: insights into disease development and mechanisms through isogenic iPSC-based modeling and skin organoid analysis
Sojung Han	University Vienna, Austria	Mark Stidworthy	International Zoo Vet Group Pathology West Yorkshire, United Kingdom	Understanding the impact of species-specific methylation patterns in diverse tissues of great apes
Beatriz Alvarez Gonzalez	Universidad Granada, Spain	Konstantinos Kasiotis	Benaki Phytopathological Institute Athens, Greece	Environmental exposure to organic and inorganic contaminants that may be associated with prostate cancer
Sabina Andreu	Autonomous University of Madrid Madrid, Spain	Timothée Buel	Institut Pasteur Paris, France	Characterization of antibody-mediated phagocytosis of SARS-CoV-2 viral particles and its impact on viral spread
Diaz-Rovira Anna M.	Barcelona Supercomputing Center (BSC) Barcelona, Spain	Bruno Correia	Swiss Federal Institute of Technology Lausanne, Switzerland	Enhancing neoantigen immunogenicity predictions through surface-informed multilevel fingerprints derived via multimodal machine learning

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Maidor Apodaka Biguri	University Medical Centre Leiden, Netherlands	Patrick Rensen	University Medical Centre Leiden, Netherlands	The role of glycerophosphodiester phosphodiesterase domain containing 3 (GDPD3) in metabolic dysfunction-associated steatotic liver disease and related dyslipidemias
Verónica Arenas Rodríguez	Center for Genomics and Oncology Research (GenYO) Granada, Spain	Ferran Valderrama	University College London, United Kingdom	Study of the functional role of rs3828743 polymorphism as a possible biomarker of treatment response in prostate cancer
Luis Felipe Arias Giraldo	University Córdoba, Spain	Stéphane Compant	AIT Austrian Institute of Technology GmbH Tulln an der Donau, Austria	Deciphering beneficial plant-microbiome networks for managing vascular diseases in olive trees
Alba Ayats Fraile	Instituto de Biología Molecular de Barcelona (IBMB) Barcelona, Spain	Madhusudhan Srinivasan	University of Oxford, United Kingdom	Analysis of cohesin interplay with DNA topology to unravel the molecular mechanism of sister chromatid cohesion
Carlos Azogue	Universidad Sevilla, Spain	Karsten Hiller	Technische Universität Braunschweig, Germany	Pseudomonas putida: a potential strategy for sustainable bioremediation of waste frying oil
Fernando Baile Nuñez	Universidad Sevilla, Spain	Jose Gutiérrez Marcos	University of Warwick Coventry, United Kingdom	Crosstalk between writers and erasers of PcG marks to regulate gene expression in Arabidopsis
Pere Boadas Vaello	University Girona, Spain	Stamatina Tzanoulinou	University Lausanne, Switzerland	Neuroinflammation role in social avoidance behaviour and extinction
Alicia Cabrera Martín	Universidad Complutense de Madrid (UCM) Madrid, Spain	Giovanna Lombardi	King's College London, United Kingdom	VIP and VPAC receptors characterisation in human regulatory T cells
Rosana Cáceres	Universidad Pablo de Olavide Sevilla, Spain	Nicolas C. Rivron	IMBA Vienna, Austria	Extra embryoids: studying the influence of extra-embryonic tissues in epiblast symmetry-breaking
Aurora Campos Diaz	Instituto de Biología Molecular y Celular del Cáncer (IBMCC) Salamanca, Spain	Silvia Remeseiro	Umeå University, Sweden	Impact of METTL1 in Glioblastoma Multiforme development and intratumoral immune response using genetic mouse models
Sara Carracedo	University of Bordeaux Bordeaux, France	Bart Eggen	University Medical Center Groningen, Netherlands	Transcriptomic profile of P2X4 cell-specific SOD1 mice and its implication in ALS pathogenesis
Gloria Carruana	The Foundation for the Promotion of Health and Biomedical Research Valencia, Spain	Stephane Mesnage	University Sheffield, United Kingdom	Functional and structural characterization of the capsule required for intestinal colonization by vancomycin-resistant Enterococci
Ana Casado-García	Institute for Biomedical Research of Salamanca (IBSAL) Salamanca, Spain	Anindita Roy	University of Oxford, United Kingdom	Modeling ETV6-RUNX1-driven preleukemia and leukemia in human fetal liver hematopoietic stem and progenitor cells using CRISPR-Cas9
Ester Casajus Pelegay	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Glenn Masson	University of Dundee, United Kingdom	Unraveling the dynamic complexity of the shelterin complex by HDX-MS
Helena Castañé	Institut d'Investigació Sanitària Pere Virgili - CERCA Reus, Spain	Madalena Cipriano	Universität Tübingen, Germany	Dysfunctional adipose tissue signals in severe obesity-associated liver disease: insights from a multi-organ-on-a-chip model
Alonso Cerdeño-Arévalo	Universidad Sevilla, Spain	Wilfried Haerty	Research Park The Genome Analysis Centre, United Kingdom	Molecular and functional profiling the oculomotor system
Laura Clares Villa	Hospital La Paz Institute for Health Research (IDIPAZ) Madrid, Spain	Aurélie Tchoghandjan-Auphan	Aix-Marseille Université Marseille, France	BrainTRUCK: Improving NKG2D CAR-T therapy as a treatment for pediatric central nervous system tumors
Víctor Coca Ruiz	University Cadiz, Spain	Sascha Beutel	Leibniz Universität Hannover Hannover, Germany	Production of the sesquiterpene cyclases: BcStc2, BcStc3 and BcStc5 to gain a better understanding of the respective products
Sofía De Francisco	Centro de Investigaciones Biológicas (CIB / CSIC) Madrid, Spain	Pablo Ivan Nikel	Technical University of Denmark Kongens Lyngby, Denmark	Developing a new-to-nature deaminase activity of aromatic compounds for sustainable bioplastics production

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Ana Del Canizo	Universitat de Barcelona Barcelona, Spain	Niels Bovenschen	University Medical Centre (UMC) Utrecht, Netherlands	Enhancing Oncolytic Virus therapy with bispecific NK cell activators
Daniel Del Hoyo	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Stefano Forli	The Scripps Research Institute La Jolla, United States	Developing a molecular characterization software for the accurate identification and preparation of the different species in structural files
Susana Delgado Martín	Fundación Para la Investigación Biomedica de El Hospital Clínico San Carlos Madrid, Spain	Po-Wah So	King's College London, United Kingdom	Unraveling the role of NCLX in ischemic stroke: ferroptosis and iron regulation
Ramon Diez-Feijó Varela	Hospital del Mar Medical Research Institute (IMIM) Barcelona, Spain	Davide Rossi	Institute Of Oncology Research (Ior) Bellinzona, Switzerland	Genetic characterization of marginal zone lymphomas in tissue and ctDNA
Amaia Elicegui	Biodonostia Donostia, Spain	Ludo Van Den Bosch	KU Leuven Leuven, Belgium	Study of the skeletal muscle involvement in the degeneration of neuromuscular junctions using microfluidic devices in Amyotrophic Lateral Sclerosis
Monica Emili Garcia-Segura	University of Cambridge, United Kingdom	Marie-Eve Tremblay	University Victoria, Canada	Ultrastructural characterization of microglia with dysregulated lipid metabolism in Progressive Multiple Sclerosis White Matter Lesions
Ainhoa Eriz	University of the Basque Country Leioa, Spain	Sergio Perez Acebron	Centre for Organismal Studies (COS) Heidelberg, Germany	Assessing the role of E2F factors in the control of a proliferative to invasive switch using colorectal cancer patient-derived organoid models
Pilar Espiau	Aragon Health Science Institute Zaragoza, Spain	Allan Stensballe		Multiomic analysis of EVs for improved diagnosis of PDAC
Carlos Estella	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Jean-Paul Vincent	Francis Crick Institute London, United Kingdom	Unraveling the role of p53 isoforms maintaining tissue homeostasis and tumorigenesis
Luis Carlos Fernandez Beltran	Instituto de Investigación Sanitaria Madrid, Spain	Urmi Trivedi	University of Edinburgh, United Kingdom	Applying long-read sequencing to evaluate genetic variations in cholesterol related genes in ALS patients
Sara Fernández De Córdoba Oñate	Instituto de Investigación Sanitaria Madrid, Spain	Isidro Cortes Ciriano	European Bioinformatics Institute Hinxton Cambridge, United Kingdom	Towards precision oncology: interrogating genomic complexity with whole-genome sequencing
Belén Paula Fernández Requena	Universidad CEU San Pablo Madrid, Spain	Ron M.a. Heeren	University Maastricht, Netherlands	Deciphering the macrophages' metabolic alterations after Leishmania infection combining Single-Cell analysis with Mass Spectrometry imaging
Rebeca Fernandez Ruiz	Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) Barcelona, Spain	Paul Cohen	Rockefeller University New York, United States	Role of the young blood-borne factor Wisp1 in the adipose tissue expansion in the face of obesity
Ángel Fernández Sanromán	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Trevor A. Graham	Institute of Cancer Research London, United Kingdom	Chromosomal instability and immunoeediting in the development of colitis-associated colorectal cancer
Margarita Ferriz Salcedo	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Jan Van Den Bossche	University Amsterdam, Netherlands	Metabolic profiling of resident peritoneal macrophages in various disease conditions
Marc Fornt Suñé	Universitat Autònoma de Barcelona Cerdanyola, Spain	Mathew Horrocks	University of Edinburgh, United Kingdom	Targeting alpha-Synuclein oligomers with human neuropeptides: a promising approach for Parkinson's Disease treatment and diagnosis
Lidia Fortuny Martí	Universitat de Barcelona Barcelona, Spain	Paolo Ettore Porporato	Università Torino, Italy	Metabolic regulation of the stem cell activity in Pdk1+ intestinal epithelial cells
Judith Fuentes Llanos	Institut de Bioenginyeria de Catalunya (IBEC) Barcelona, Spain	Robert Katzschmann	ETH Zurich, Switzerland	3D bioengineering of myotendinous biohybrid actuators

Name ▼	Home institute	Group leader	Host institute	Project
Paola Gallardo Palomo	University Medical Center Groningen, Netherlands	Beidong Liu	University of Gothenburg Göteborg, Sweden	An innovative microscopy-based high-content screening to identify novel modulators of dysfunctional FG-Nup phase transitions
Raquel García García	CABIMER Sevilla, Spain	Kristine Freude	University Copenhagen, Denmark	Study of MOK-mediated inflammatory responses in human iPSC-derived microglia
Alicia García Roldán	Universidad Sevilla, Spain	Shinichi Sunagawa	ETH Zurich, Switzerland	Exploring the prokaryotic biodiversity along a salinity gradient of two multipond salterns through metagenomic analysis
Juan García Sáez	Complutense University of Madrid (UCM) Madrid, Spain	David Gómez-Matalanas	Trinity College Dublin, Ireland	Characterization of changes in Met interactome and hepatic progenitor cell proteome after chronic treatment with TGF-beta
Belén García Soler	University Oviedo, Spain	Giovanni Mann	King's College London, United Kingdom	Cell cultures in normoxia: establishing a translational in vitro adipogenic model to study redox interactions in the tumor microenvironment
María García	University Vienna, Austria	Tineke Lenstra	Netherlands Cancer Institute Amsterdam, Netherlands	Regulation of burst kinetics at promoters through enhancer elements
Auba Gaya	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Sergio Quezada	University College London, United Kingdom	Deciphering the protective role of asthma on PDAC development
Ana Gázquez-Gutiérrez	Universidad Granada, Spain	Torben Heick Jensen	Aarhus University, Denmark	Crosstalk between DGCR8 and nuclear RNA decay machinery in the post-transcriptional regulation of SINE-rich mRNAs
Beatriz Gil Marti	Cajal Institute Madrid, Spain	Tamara Boto	Trinity College Dublin, Ireland	Searching for a conserved memory retrieval signature
Ricardo Gómez Oliva	University Cadiz, Spain	Ira Mercedes Espuny Camacho	University Liège, Belgium	Diterpenes to promotes human brain organoid growth and maturation
José Carlos González Álvarez	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Roser Vento-Tormo	Wellcome Genome Campus Hinxton, United Kingdom	Comprehensive analysis of TRF1-mediated pluripotency through single-cell RNA sequencing
Coral González-Martínez	Universidad Granada, Spain	Pieter Vader	University Medical Centre (UMC) Utrecht, Netherlands	Profiling the origins of microRNAs from Plasma-Derived Extracellular Vesicles to solve a dilemma in Breast Cancer
Daniel Guerra-Mateo	Universitat Rovira i Virgili (URV) Tarragona, Spain	Pedro W Crous	Utrecht University, Netherlands	Unravelling the diversity of Preussia in Mediterranean marine sediments to understand its phylogenetic and morphological variability
Irene Herrero Gómez	Universidad Sevilla, Spain	Tim Urich	Ernst-Moritz-Arndt-Universität Greifswald Greifswald, Germany	Proteomics and interactomics of membrane vesicle-related proteins of Rhizobium tropici CIAT 899 during the establishment of symbiosis with leguminous plants
Miguel Ángel Huerta Martínez	Universidad Granada, Spain	Marzia Malcangio	King's College London, United Kingdom	Characterization of peripheral and central neuroinflammation associated with rheumatoid arthritis in a rat model by using fluorescence-activated cell sorting
Gema Hurtado-Genovés	University Valencia, Spain	Pedro Sousa-Victor	Instituto de Medicina Molecular Lisboa, Portugal	Impact of cytokine LIGHT signalling on immune regulation of skeletal muscle metabolic health and mechanical overload response in aging
Jesus Hurtado	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Marcel Alexander Müller	Charité - Universitätsmedizin Berlin, Germany	Comparative analysis of the contribution of SARS-CoV-2 accessory proteins to the innate immune response of human and bat cells
Sergio Izquierdo Gea	Universidad Complutense de Madrid (UCM) Madrid, Spain	Francisco Cubillos	Universidad (USACH) Santiago de Chile, Chile	Population genomics of Yarrowia lipolytica

Name ▼	Home institute	Group leader	Host institute	Project
Raul Izquierdo-Serrano	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Judith Sluimer	University Maastricht, Netherlands	Reversal of hypoxia effect in smooth muscle cell phenotype upon murine atherosclerosis development
Sara Jiménez González	Universidad Complutense de Madrid (UCM) Madrid, Spain	Jennifer Rieusset	Université Claude Bernard Lyon 1 Lyon, France	Effects of galectin-3 on mitochondrial-associated membranes (MAMs) and its relevance in the cardiac alterations associated with myocardial infarction in the context of obesity
José Jiménez Villegas	Autonomous University of Madrid Madrid, Spain	Ludo Van Den Bosch	KU Leuven Leuven, Belgium	Understanding the role of HDAC6 inhibition on C9orf72-ALS redox status and its relationship with transcription factor NRF2
Andrea Laguillo Gómez	Centro Nacional de Investigaciones Cardiovasculares (CNIC) Madrid, Spain	Jesper Olsen	University Copenhagen, Denmark	Differential analysis of the FGR-dependent post-translationally modified proteome and its implication in inflammation and cardiovascular biology using newly developed computational algorithms
Leticia Lemus Rodriguez	Universidad Sevilla, Spain	Pedro Carvalho	University of Oxford, United Kingdom	Ultrastructural studies on the mechanisms of GPI-anchored protein quality control
Sergio León Valencia	Center for Applied Medical Research Pamplona, Spain	Maria José Oliveira	Instituto de Investigação e Inovação em Saude (i3S) Porto, Portugal	Deciphering the role of macrophages and regulatory T cells as key factors of immunoresistance in lung cancer
Miriam López Fagúndez	Universidade Santiago de Compostela, Spain	Juan Gallo Paramo	International Iberian Nanotechnology Laboratory Braga, Portugal	Novel drug delivery systems for new and repurposed anti-inflammatory compounds
Rafael López	Universidad de Salamanca, Spain	Simon K. Whitehall	Newcastle University, United Kingdom	Role of the Greatwall-Endosulfina-PP2A/B55 (GEP) pathway in silencing TF2 retrotransposons during entry into quiescence
María Luque Tévar	Instituto de Biomedicina de Valencia (IBV) Valencia, Spain	André Boonstra	Erasmus University MC Rotterdam, Netherlands	Role of COX-2 in the inflammatory and immune profile in NAFLD
Laura Mancera Miranda	University of Malaga, Spain	Alice Guidot	The Laboratory of Plants Microbes and Environment Interactions (LIPME) Toulouse, France	Understanding the role of the methylome in plant-pathogen interactions
Mario Manzanares	Instituto de Salud Carlos III-ISCIII Majadahonda, Spain	Asier Saez Cirion	Institut Pasteur Paris, France	Analysis of Tyrosine Kinase Inhibitors (TKI) treatment effects in metabolism modulation on HIV-1 infection
Cristina Marin Garcia	University Autonomous of Barcelona Bellaterra, Spain	Florencia Pratto	NIH Bethesda, United States	Unveiling the genome-wide impact of chromosomal fusions on meiotic recombination: implications for gene diversity and fertility
Raquel Martín Baquero	Complutense University of Madrid (UCM) Madrid, Spain	Marco Milanese	University of Genoa Genova, Italy	Characterization and modulation of the endocannabinoid system in SODG93A astrocytes as a potential therapeutic strategy for Amyotrophic Lateral Sclerosis (ALS)
Isabel Martin Blecua	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Jeremy Rock	Rockefeller University New York, United States	Characterizing new DNA repair pathways in Mycobacterium tuberculosis through CRISPRi
Miguel Martin Salgado	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Doreen A. Cantrell	University of Dundee, United Kingdom	Deciphering the contribution of IL-15 to T cell signaling and peripheral tolerance utilizing proteomics analysis
Natalia Martinez Reyes	Universidad León, Spain	Hans-Ulrich Humpf	University of Münster, Germany	Identification and toxicity assessment of trichothecene derivatives obtained by bacterial detoxification of deoxynivalenol (DON), a trichothecene mycotoxin, in aerobic conditions

Name ▼	Home institute	Group leader	Host institute	Project
María Del Mar Martínez Sánchez	Centro Nacional de Investigaciones Oncológicas (CNIO) Madrid, Spain	Nils Krietenstein	University Copenhagen, Denmark	Topoisomerase dynamics in genome organization and metabolism
Elisa Melón	Institut D'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) Barcelona, Spain	William Agace	University Copenhagen, Denmark	Assessing the influence of the local microenvironment on shaping the effect of tofacitinib on human dendritic cells
Maria Merino	Universidad de Cantabria Santander, Spain	Constantinos Mikelis	University Patras, Greece	PKCtheta controls malignant CTCL-endothelium interactions
Daniel Mora	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Luis Francisco Lorenzo Martín	Swiss Federal Institute of Technology Lausanne, Switzerland	Influence of gut microbiome and myeloid cells on tumour development using Mini-Colons: implications of p38gamma/p38delta deficiency
Emma Moreno Jiménez	Universidad de Salamanca, Spain	Lesly Calderon	Helmholtz Zentrum München, Germany	sgRNA-CRISPR/Cas9 mediated gene inactivation in type 2 memory B cells
Juan Morillas	Josep Carreras Leukaemia Research Institute Badalona, Spain	Miguel Branco	Queen Mary University of London, United Kingdom	Characterization of ATF7IP's role in the onco-exaptation of transposable elements in lung cancer
Celeste Moya	Instituto de Investigación Sanitaria (INCLIVA) Valencia, Spain	Nicholas Gleadall	University of Cambridge, United Kingdom	Large-scale rare variant analysis from whole-genome sequencing data to unravel the mutational spectrum of Mendelian Disorders
Marta Muñoz	Universidad Sevilla, Spain	Daphne Selvaggia Cabisanica	Helmholtz Zentrum München, Germany	Analysis of HLH-30 function in chromatin organization
Carmen Navarrete Sirvent	University Córdoba, Spain	Lionel Le Bourhis	French Institute of Health and Medical Research (INSERM) Paris, France	Enhancing of NK-cell mediated ADCC by combined treatment directed against targets in NK cells in colorectal cancer patients
Sara María Ortega-Campos	Instituto de Biomedicina de Sevilla Sevilla, Spain	Alan Serrels	Cancer Research Centre Edinburgh, United Kingdom	Study of the effect of the mutational background of PDAC in the function of Focal Adhesion Kinase (FAK)
Sara Otaegi Ugartemendia	Centro Nacional de Biotecnología (CNB) Madrid, Spain	Fan Liu	Leibniz-Institut für Molekulare Pharmakologie (FMP) Berlin, Germany	Molecular characterization of the giant marine virus Pymnesium kappa virus RF02 by cross-linking mass-spectrometry
Veronica Pablo-Fontecha	Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) Barcelona, Spain	Patrick Meraldi	University of Geneva, Switzerland	Molecular mechanism determining chromosome instability tolerance in aneuploid cells
Manuel Palacios	CIEMAT Madrid, Spain	Raffaella Di Micco	San Raffaele Institute Milano, Italy	Elucidating the impact of gene editing on Diamond-Blackfan anemia, a bone marrow failure syndrome
Rebeca Paris-Ogayar	IMDEA Nanociencia Madrid, Spain	Zdeněk Lánský	Prague Institute of Biotechnology, Czech Republic	Chemical control of the microtubule structure as regulator of the tubulin code
Maria Pazos	Universitat de Lleida Lleida, Spain	Sandro Altamura	Universität Heidelberg, Germany	Analysis of iron metabolism in a mouse model of Friedreich Ataxia with systemic partial frataxin deficiency
Arancha Peñil	Institute of Biomedicine and Biotechnology of Cantabria (IBBTEC) Santander, Spain	Tue Kjærsgaard Nielsen	University Copenhagen, Denmark	Tracking plasmids relevant for antimicrobial resistance dissemination in polymicrobial populations by using CRISPR-Cas9 targeted sequencing
Marta Pérez Rodrigo	University Valencia, Spain	Ralph Bock	MPI für molekulare Pflanzenphysiologie Potsdam-Golm, Germany	Development of stable genetic transformation of <i>Trebouxia lynniae</i> , <i>Asterochloris erici</i> , and <i>Watanabea lichenicola</i>
Diana Pérez San José	University Valladolid, Spain	Soham Gupta	Karolinska Institutet Huddinge, Sweden	Translational development of an antiviral treatment against human respiratory RNA viruses based on CRISPR/CasRx technology

Name ▼	Home institute	Group leader	Host institute	Project
Miguel Perez-Rodríguez	University Córdoba, Spain	Nathan Basisty	National Institute of Aging Baltimore, United States	MOALSA: Multi-Omic Approach to the Longitudinal Study of Aging
Marina Piñol-Cancer	CIC nanoGUNE Donostia, Spain	Ana Pardo-Saganta	Universitätsklinikum Giessen, Germany	Study how influence the encapsulation of miRNA-29a in lung surfactant-based nanomedicines in its gene regulation of lung fibroblasts cells
Carlos Pintado Grima	Universitat Autònoma de Barcelona Cerdanyola, Spain	Kresten Lindorff-Larsen	University Copenhagen, Denmark	Molecular dynamics simulations of human endogenous peptides for inhibiting alpha-Synuclein aggregation
Ainara Pintor-Rial	University of the Basque Country Leioa, Spain	Sara Zanivan	Beatson Institute for Cancer Research Glasgow, United Kingdom	Studying the crosstalk between prostate cancer cells, Cancer-Associated Fibroblasts (CAFs) and the Extracellular Matrix
Daniel Polo Megías	Universidad Granada, Spain	Patrizia Polverino De Laureto	Università di Padova, Italy	Epitope Mapping of Nanobodies Directed to the HR1 Region of the SARS-CoV-2 Spike Protein Using Hydrogen-Deuterium Exchange Coupled to Mass Spectrometry
Llara Prieto Fernandez	University Oviedo, Spain	Jazmina L. Gonzalez Cruz	The University of Queensland Brisbane, Australia	Spatial characterization of CAFs heterogeneity in head and neck cancer microenvironment
Lucía Prohens Coll	Universitat de Barcelona Barcelona, Spain	Sophie Erhardt	Karolinska Institutet Stockholm, Sweden	Investigating brain cell contributions to the Kynurenine response to in vivo LPS Challenge in mice using the immunopanning method
Gema Puebla Planas	University Córdoba, Spain	Daniel Croll	University Neuchâtel, Switzerland	Role of genetic drivers in chromosome stability of <i>Fusarium oxysporum</i>
Jonathan Ramirez Cardenas	Institute for Chemical Research (IIQ) Sevilla, Spain	Marta Artola Pérez De Azanza	Leiden University, Netherlands	Antibacterial PROTACs: targeted degradation of NleB1 for combatting bacterial infections
Maria Isabel Recio	Estación Experimental del Zaidín CSIC, Spain	Pablo Ivan Nikel	Technical University of Denmark Kongens Lyngby, Denmark	Rational engineering to awaken latent CO ₂ fixation routes in <i>Pseudomonas putida</i>
Miguel Reyes-Torres	Universidad Politecnica Valencia, Spain	Sebastiaan Zaat	University Amsterdam, Netherlands	Validation of synergistic antimicrobial nanodevices for biomedical applications
Jesús Rodríguez Úbeda	Universidad Murcia, Spain	Rosa Lozano Duran	Universität Tübingen, Germany	Unmasking Potexvirus strategies: host transcription factors in viral replication complexes
Nerea Ruiz Solaní	Centre for Research in Agricultural Genomics (CRAG) Cerdanyola del Vallès, Spain	Antoine Danon	Sorbonne University Paris, France	Evolutionary insights of the proteostatic role of Metacaspases in green plants using the unicellular algae <i>Chlamydomonas reinhardtii</i> as a model
Félix Sánchez-Valverde Ortega	Autonomous University of Madrid Madrid, Spain	Anne-Kathrin Classen	Universität Freiburg, Germany	Cellular senescence and its role during central nervous system regeneration in <i>Drosophila melanogaster</i>
Cristina Sanz	Universidad de Salamanca, Spain	Anabela Cordeiro Da Silva	Instituto de Biologia Molecular e Celular (IBMC) Porto, Portugal	Antiparasitic studies of diaryl sulfonamides
Laura Isabel Sarasola	Universitat de Barcelona Barcelona, Spain	Sophie Hernot	Vrije Universiteit (VUB) Brussels, Belgium	Study of the pharmacokinetics and biodistribution of the pharmacologically active nanobody Nb43 against mGluR5
Amalia Solana Orts	CEU Cardenal Herrera University Valencia, Spain	Francis Szele	University of Oxford, United Kingdom	Role of Rnd3 in neuroblast migration
Irene Soler-Sáez	Centro de Investigacion Principe Felipe (CIPF) Valencia, Spain	Sara Vieira-Silva	Johannes-Gutenberg-Universität Mainz, Germany	Dissecting sex-based microbiome disparities in multiple sclerosis: characterization of metagenomic profiles by sex and disease subtype
Andrés Soto Zaragoza	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Robert Tampé	Goethe University Frankfurt, Germany	Antigen presentation in the absence of TAP: alternative peptide translocation pathways and MHC class I trafficking routes

Name ▼	Home institute	Group leader	Host institute	Project
Lucía Talavera	Universidad Politécnica Madrid, Spain	Rayko Halitschke	MPI für Chemische Ökologie Jena, Germany	Unveiling the metabolic signatures of seed defense priming that mitigate defense-growth trade-offs
Ainoa Tejedera-Villafranca	Institut de Bioenginyeria de Catalunya (IBEC) Barcelona, Spain	Penney Gilbert	University of Toronto, Canada	Establishing a 96-well culture assay to study skeletal muscle cell membrane fragility of Duchenne muscular dystrophy
Rut Tercero	Centre for Molecular Biology 'Severo Ochoa' Madrid, Spain	Pavel Tolar	University College London, United Kingdom	Recreation of T:T and T:B interactions in vitro as a system to understand new physiological and pathological lymphoid functions
Antoni Torres Coll	Instituto Químico de Sarrià (IQS) Barcelona, Spain	Olivia Merkel	Ludwig-Maximilians-Universität München, Germany	Engineering spray dried RNA loaded polymeric nanoparticles
Daniel Torres	Universitat de Barcelona Barcelona, Spain	Francesca Aguilo	Umeå University, Sweden	Unraveling the epitranscriptomic impact of hepatic FGF21 depletion in ageing females
Ane Urigoitia Asua	CIC nanoGUNE Donostia, Spain	Joseph DeSimone	University Stanford, United States	CLIP-printing of polymer scaffolds for 3D in vitro alveolar model development
David Valdivieso González	Complutense University of Madrid (UCM) Madrid, Spain	Karin Busch	University of Münster, Germany	Self-assembly of rotating F1Fo-ATP synthases in vivo
Javier Vicente	Universidad Complutense de Madrid (UCM) Madrid, Spain	Warren Albertin	University of Bordeaux Bordeaux, France	Unveiling the role of chitosan as an adjuvant in Lactic Acid production by Lachanea thermotolerans: a multi-omics approach
Laura Vilà Valls	Pompeu Fabra University Barcelona, Spain	Aida Andres	University College London, United Kingdom	Tracing genomic signals of local adaptation in East African and Sahara/Sahelian populations
Jesus Vilchez Garcia	University of the Basque Country Leioa, Spain	Ruben Fernandez Busnadiago	University Medical Center Göttingen, Germany	In situ observation of an obligate half-football variant of human mitochondrial mHsp60-mHsp10 chaperonin
Nuria Viudes Sarrion	KU Leuven Leuven, Belgium	Emma Blain	Cardiff University, United Kingdom	Investigating the role of mechanical loading and chondrocyte's mechano-responsiveness in the context of early osteoarthritis
Laura Zarzuola Moncada	CABIMER Sevilla, Spain	Vignir Helgason	University of Glasgow, United Kingdom	Crosstalk between FGFR1 and Notch2 pathways in glioblastoma chemoresistance and metabolism
Erik Hartman	Lund University, Sweden	Peter Bond	Agency for Science Technology and Research A*STAR, Singapore	Combining large-scale peptidomics data and computational structural modeling for immunomodulatory peptide discovery
Emmanuelle Munger	Erasmus University MC Rotterdam, Netherlands	Simon Dellicour	Université Libre de Bruxelles Brussels, Belgium	Phylogenetic analyses to unravel Usutu virus emergence and maintenance in the Netherlands
Efil Bayam	Institute of Genetics and Molecular and Cellular Biology (IGBMC) Illkirch, France	Simona Lodato	Istituto Clinico Humanitas Rozzano, Italy	Deciphering the human specific cellular and molecular mechanisms underlying ADAT dysfunction in patients with Neurodevelopment Disorders
Ortaç Çetintaş	Zonguldak Bülent Ecevit University Zonguldak, Türkiye	Ondřej Mikula	University of South Bohemia Ceske Budejovice, Czech Republic	Genomic insights into species limits of Genus Dryomys using ddRAD Sequencing
Buse Cinar	Institut fuer Mikrobiologie Leibniz Universitaet, Germany	Susan Schlimpert	John Innes Centre Norwich, United Kingdom	Determining the spatio-temporal distribution and organization of c-di-GMP and locally-acting c-di-GMP modules in multicellular Streptomyces
Hatice Duman	Canakkale Onsekiz Mart University Canakkale, Türkiye	Cleo Kontoravdi	Imperial College London, United Kingdom	Advancing therapeutic protein glycosylation: novel in vitro modification methodology and enzyme portfolio expansion

Name ▼	Home institute	Group leader	Host institute	Project
Gül Kozalak	Sabancı University Istanbul, Türkiye	Oya Tagit	University of Applied Sciences and Arts Muttentz, Switzerland	Comparing PEG-PLGA nanoparticle production methods and evaluating their cytotoxicity on Multiple myeloma cells
Fadia Bou Dagher	Cancer Research UK Cambridge Institute Cambridge, United Kingdom	Román González Prieto	Universidad Sevilla, Spain	Uncovering the role of UBE2K in the repair of TOP2-damage
Courtney Hermes	University of Copenhagen Frederiksberg, Denmark	Eric Ober	National Institute of Agricultural Botany (NIAB) Cambridge, United Kingdom	Revealing the potential of root morphology as a driver of microbiome structure and function in the wheat rhizosphere
Virginia Pérez Carrasco	Center for Genomics and Oncology Research (GenyO) Granada, Spain	Jennifer Rohn	University College London, United Kingdom	Combined effects of urinary microbiota isolated from UTI patients in a human urothelial microtissue model
Laura Fernández Méndez	CIC biomaGUNE San Sebastian, Spain	Elena Lopez-Rodriguez	Charité - Universitätsmedizin Berlin, Germany	Nanozymes in biomedical applications
Lucía Ramos Lage	Universidade, Santiago de Compostela	Evi Soutoglou	University of Sussex Brighton, United Kingdom	Modulation of structure-specific Endonucleases in pluripotency for innovative strategies of healthy aging
María Flores López	Institute of Biomedical Research (IBIMA) Malaga, Spain	Filipe Carvalho	University Porto, Portugal	Metabolomic profile in men and women with substance use disorder
Sara Petrosino	Telethon Institute of Genetics & Medicine (TIGEM) Pozzuoli, Italy	Morten Nielsen	Technical University of Denmark Kongens Lyngby, Denmark	GLUT1 Deficiency Syndrome: dissecting the mechanisms that orchestrate the subcellular localization of the glucose transporter 1
Giuseppe Gangarossa	Université Paris Cité Paris, France	Ivan De Araujo	MPI für Biologische Kybernetik Tübingen, Germany	Decoding brain-body interoceptive dynamics to untangle allostatic mechanisms of binge eating
Deeksha Singh	Polish Academy of Sciences Poznan, Poland	Alexander Jones	University of Cambridge, United Kingdom	Visualising cellular gibberellin (GA) dynamics using FRET-sensor nlsGPS2 within Plasmodiophora brassicae-induced galls in Arabidopsis during clubroot disease
Celia Delgado Zahinos	Institute for Biomedical Research of Salamanca (IBSAL) Salamanca, Spain	Sandra López Avilés	University Oslo, Norway	Identification of PP2A-Rts1 substrates during DNA double strand break repair
Luis Corrochano	Universidad Sevilla, Spain	Thomas A. Richards	University of Oxford, United Kingdom	The mechanism of vision in unicellular fungi
Filip Kus	University Gdansk, Poland	Konstanze Winklhofer	Ruhr-Universität Bochum, Germany	Cooperation of Hsp70 and the E3 ubiquitin ligase CHIP in determining the fate of non-native proteins
Tim Baldensperger	University Vienna, Austria	Michael J. Davies	University Copenhagen, Denmark	The causes and consequences of age-related lipofuscin accumulation
Concepción Panadero Morón	CABIMER Sevilla, Spain	Natalia Rodriguez Muela	Center for Regenerative Therapies Dresden, Germany	Study of MSC-mediated neuroprotection in patient-derived ALS models

EMBO New Venture Fellowships

EMBO New Venture Fellows 2024

Name ▼	Home institute	Group leader	Host institute	Project
Gabriele Andreatta	University Vienna, Austria	Maria Ina Arnone	Stazione Zoologica 'Anton Dohrn' Napoli, Italy	Investigating the evolution of reproductive strategies and timing using Platynereis annelids and Gene Regulatory Networks reconstruction
Evanthia Pangou	Institute of Genetics and Molecular and Cellular Biology (IGBMC) Illkirch, France	Tatjana Kleele	ETH Zurich, Switzerland	Linking mitochondrial function to chromosome segregation and genome integrity during mitosis
Marine Petit	University of Surrey Guildford, United Kingdom	Jan Perner	Biology Centre Ceske Budejovice, Czech Republic	Tick-Talk: decoding tick-borne viruses infection in tick organs
Carla Solé	BioDonostia Health Research Institute San Sebastian, Spain	Sébastien Lecommandoux	University of Bordeaux Bordeaux, France	Optimization of polypeptides as non-viral delivery system for CAR-T therapy

EMBO Core Facility Fellowships

EMBO Core Facility Fellows 2024

Name ▼	Home institute	Group leader	Host institute	Project
Yuan-Chih Chang	Academia Sinica Taipei, Taiwan	Daniel Bollschweiler	MPI für Biochemie, Martinsried	Exchange of professional opinions on both facilities and establishment of a tomography service workflow model
Katherina García	Universidad Pablo de Olavide Sevilla, Spain	Gabriel Krens	Institute of Science and Technology Austria (ISTA) Klosterneuburg, Austria	High-end imaging technology and quality control in light microscopy
Sasirekha Mathaiyan	Indian Institute of Technology Chennai, India	Tony Larson	University York, United Kingdom	Proteomics – proteins and small molecule analysis using Liquid Chromatography and Mass Spectrometry
Stephane Rigaud	Institut Pasteur Paris, France	Guillaume Jacquemet	Abo Akademi University Turku, Finland	Enhancing automated microscopy and image analysis expertise for cell tracking and analysis

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EMBO Advanced Collaboration Grants

EMBO Advanced Collaboration Grantees 2024

Name ▼	Home institute	Group leader	Host institute	Project
Ceren Damla Durmaz	Hacettepe University Ankara, Türkiye	David J. Adams	Wellcome Sanger Institute Cambridge, United Kingdom	Hereditary cancer syndromes in Turkey: genomic insights and new discoveries
Panagiotis Moschou	IMBB - FORTH Heraklion, Greece	Pingtao Ting	University of Leiden The Netherlands	Noisy signaling based on condensates in plants
Georgios Spyroulias	University Patras, Greece	Lucia Banci	University of Florence Sesto Fiorentino, Italy	Elucidating the activation mechanism of human soluble guanylate cyclase enzyme by potential drugs
Joanna Sulkowska	University Warsaw, Poland	Sophie Jackson	University of Cambridge United Kingdom	Biological code of knots – identification of knotting patterns via in vivo approach
Lilla Turiak	Research Centre for Natural Sciences, Budapest, Hungary	Guinevere Lageveen-Kam-meijer	University Groningen, The Netherlands	Uncovering changes in heparan sulfate sulfation and O-glycosylation in small extracellular vesicles isolated from different non-small-cell lung cancer cell subtypes

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EMBO Young Investigators

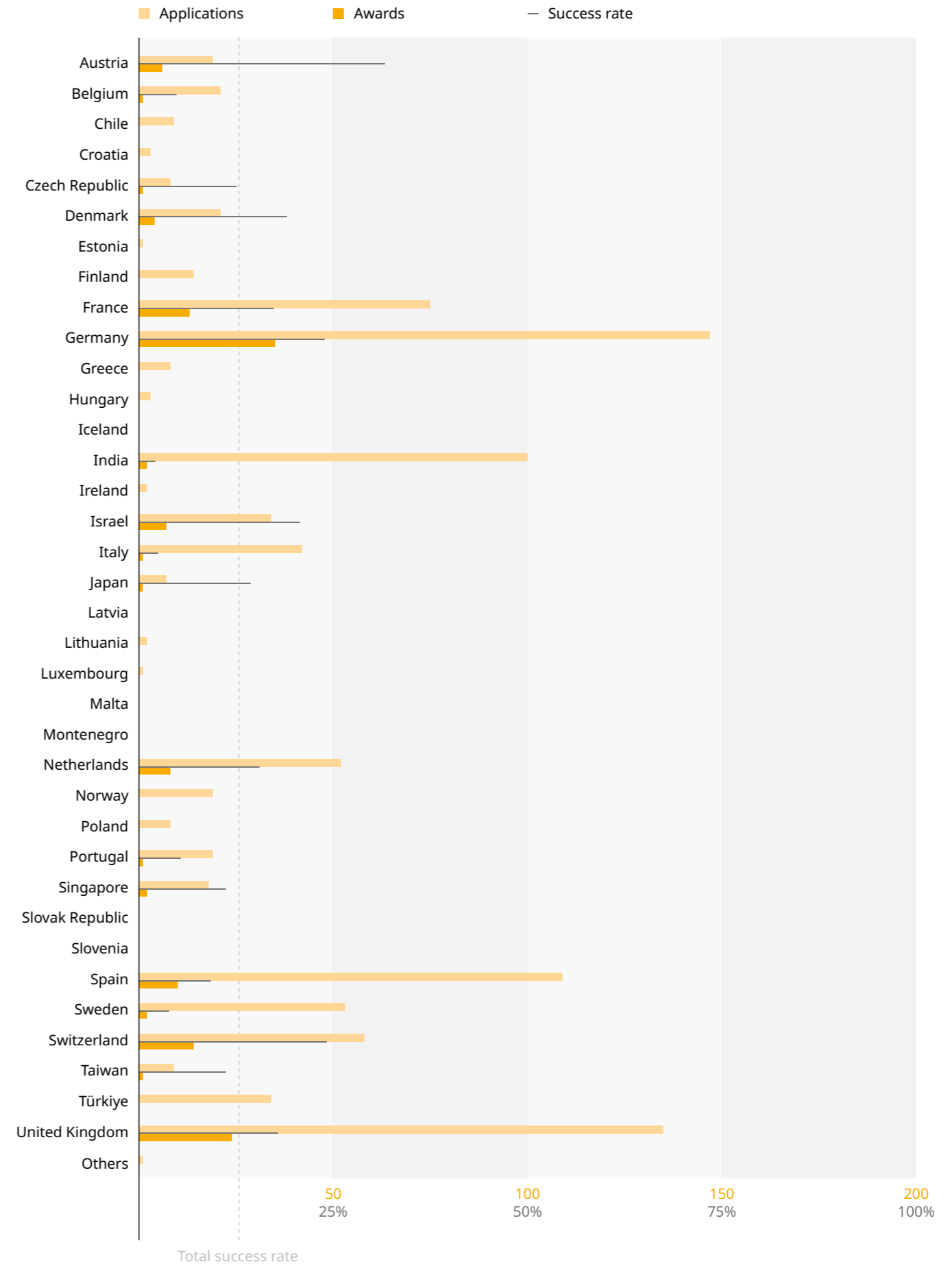
Applications and awards 2020-2024

Nationality	Applications (total, eligible and ineligible)		Awards (total)		Success rate (%)
		%		%	
Austria	19	1,8	6	4,5	31,6
Belgium	21	2,0	1	0,8	4,8
Chile	9	0,9	0	0,0	0,0
Croatia	3	0,3	0	0,0	0,0
Czech Republic	8	0,8	1	0,8	12,5
Denmark	21	2,0	4	3,0	19,0
Estonia	1	0,1	0	0,0	0,0
Finland	14	1,4	0	0,0	0,0
France	75	7,3	13	9,8	17,3
Germany	147	14,2	35	26,3	23,8
Greece	8	0,8	0	0,0	0,0
Hungary	3	0,3	0	0,0	0,0
Iceland	0	0,0	0	0,0	0,0
India	100	9,7	2	1,5	2,0
Ireland	2	0,2	0	0,0	0,0
Israel	34	3,3	7	5,3	20,6
Italy	42	4,1	1	0,8	2,4
Japan	7	0,7	1	0,8	14,3
Latvia	0	0,0	0	0,0	0,0
Lithuania	2	0,2	0	0,0	0,0
Luxembourg	1	0,1	0	0,0	0,0
Malta	0	0,0	0	0,0	0,0
Montenegro	0	0,0	0	0,0	0,0
Netherlands	52	5,0	8	6,0	15,4
Norway	19	1,8	0	0,0	0,0
Poland	8	0,8	0	0,0	0,0
Portugal	19	1,8	1	0,8	5,3
Singapore	18	1,7	2	1,5	11,1
Slovakia	0	0,0	0	0,0	0,0
Slovenia	0	0,0	0	0,0	0,0
Spain	109	10,6	10	7,5	9,2
Sweden	53	5,1	2	1,5	3,8
Switzerland	58	5,6	14	10,5	24,1
Taiwan	9	0,9	1	0,8	11,1
Türkiye	34	3,3	0	0,0	0,0
United Kingdom	135	13,1	24	18,0	17,8
Others	1	0,1	0	0,0	0,0
Total	1032		133		

Year	Applications (total, eligible and ineligible)		Awards (total)		Success rate (%)
		%		%	
2024	220		27		12.3
2023	206		26		12.6
2022	182		24		13.2
2021	198		26		13.1
2020	225		30		13.3

Scientists of the following programmes of the Japan Science and Technology Agency (JST) were first eligible to apply in 2024: ASPIRE, FOREST (創発的研究支援事業), PRESTO (さきがけ), ACT-X

Applications and awards 2020-2024 (graphical representation)



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EMBO Young Investigators 2024

Name ▼	Institute	Research Interest
Ilary Allodi	St Andrews University, St Andrews, UK	Understanding the role of neural circuit dysfunctions in ALS-FTD pathophysiology
Benedetta Artegiani	Princess Maxima Center for Pediatric Oncology, Utrecht, NL	Enlightening brain and liver biology and disease with novel human-based models
Thibaut Brunet	Institut Pasteur, Paris, FR	Evolutionary origin of animal morphogenesis
Johan Decelle	University Grenoble Alpes, Grenoble, FR	Structural and metabolic connection in planktonic cell-cell symbioses
Gautam Dey	EMBL, Heidelberg, DE	Evolutionary cell biology of mitosis and nuclear remodelling
Basil Greber	The Institute of Cancer Research, London, UK	Structure and function of DNA repair assemblies and cyclin-dependent kinases
Itamar Harel	The Alexander Silberman Institute of Life Sciences, Jerusalem, IL	Experimental biology of vertebrate aging and age-related diseases
Katharina Höfer	Max Planck Institute for Terrestrial Microbiology, Marburg, DE	Bacterial Epitranscriptomics
Momoko Ikeuchi	Institute of Science and Technology, Nara, JP	Self-organization of Plant Cells during Organ Regeneration
Claudia Keller Valsecchi	Biozentrum, University of Basel, CH	Gene Dosage and Sex Differences
Charlotte Kirchhelle	International Agency for Research on Cancer, Lyon, FR	From edge to organ: how plants shape organs
Eva Kummer	University of Copenhagen, Copenhagen, DK	Mitochondrial Genome Maintenance and Gene Expression
Felix Leroy	Instituto de Neurociencias, San Juan de Alicante, ES	Neuronal circuits supporting cognition and social interactions in the mouse
Gabriel Neurohr	ETH Zurich, CH	Cell Size and Crowding Homeostasis
Mor Nitzan	Hebrew University, Jerusalem, IL	Representation, inference, and design of multicellular systems
Sylvie Noordermeer	Leiden University Medical Center, Leiden, NL	DNA double-strand break repair pathways in health and disease
Tomáš Pluskal	Institute of Organic Chemistry and Biochemistry of the CAS, Prague, CZ	Decoding the chemical universe of plants
Lucia Prieto-Godino	Francis Crick Institute, London, UK	Mechanisms of neural circuit evolution: from molecules to networks
Julia Qüesta	Centre for Research in Agricultural Genomics, Barcelona, ES	Epigenetic mechanisms underlying plant developmental transitions
Johannes Rebelein	Max Planck Institute for Terrestrial Microbiology, Marburg, DE	Microbial Metalloenzymes - Characterizing and Engineering Microbial Nitrogenases
Erdinc Sezgin	Karolinska Institutet, Solna, SE	Restoring immune fitness through biophysical manipulations
Marta Shahbazi Alonso	MRC Laboratory of Molecular Biology, Cambridge, UK	Mechanisms of self-organisation in the early mammalian embryo
Ralph Stadhouders	Erasmus University MC, Rotterdam, NL	Molecular mechanisms underlying lymphocyte memory and dysfunction
Teresa Thurston	Sir William Dunn School of Pathology, University of Oxford, UK	Host pathogen interactions and innate immune signaling
Agnes Toth-Petroczy	Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG), Dresden, DE	Protein plasticity and evolution
Florian Wilfling	Max Planck Institute of Biophysics, Frankfurt, DE	Deciphering autophagosome assembly and cargo selection using correlative cryo-ET
Simone Zaccaria	University College London, UK	Investigating metastatic cancer evolution at single-cell whole-genome resolution

EMBO Young Investigator Lectures 2024

Young Investigator	Conference	Location	Date ▼
Yaniv Elkouby	10th strategic conference of zebrafish investigators	US-Pacific Grove	6–9 January
Uri Ben-David	43rd annual conference of the indian association for cancer research	IN-Pune	19–22 January
Nicholas M. I. Taylor	Lorne conference on protein structure and function	AU-Lorne	4–8 February
Joseph Yeeles	EMBO Workshop on Evolution and diversity of the DNA damage response	IN-Lonavala	19–23 February
Julian Stingele	EMBO Workshop on Evolution and diversity of the DNA damage response	IN-Lonavala	19–23 February
Verena Ruprecht	Nanoengineering for mechanobiology N4M symposium	IT-Genova	3–7 March
Darío Lupiáñez	XXXV Jornada de biología del desenvolviment - devbiocat synergy meeting 2024	ES-Barcelona	11 March
Yanlan Mao	Latin american developmental biology conference	CL-Valparaiso	17–20 March
Elvan Böke	Latin american developmental biology conference	CL-Valparaiso	17–20 March
Elvira Mass	EMBO Workshop: Tissue resident immune cells in health and disease	FR-Marseille	20–23 March
Benjamin D. Engel	17th Annual cell & developmental biology spring symposium on "systems cell biology"	US-Berkeley	25 March
Melanie Hamon	EMBO Workshop: Pathogen immunity & signaling	IT-Venice	8–12 April
Franklin Zhong	EMBO Workshop: Pathogen immunity & signaling	IT-Venice	8–12 April
Charlotte Odendall	EMBO Workshop: Pathogen immunity & signaling	IT-Venice	8–12 April
Benjamin D. Engel	EMBO Lecture Course: Imaging marine organisms across scales	IT-Napoli	9–12 April
Tommaso Patriarchi	Optogen 2024	CZ-Praha	15–17 April
Alexander Borodavka	Microsymposium on RNA biology	AT-Vienna	24–26 April
Danny Nedialkova	Microsymposium on RNA biology	AT-Vienna	24–26 April
Sebastian Falk	Todos santos small RNA meeting	MX-Todos Santos	27–29 April
Marieke Oudelaar	Genome organization & nuclear function	US-Cold Spring Harbor	30 April–4 May
Lars Velten	EMBO Workshop: Intercepting childhood blood cancer: from single cells to malignant clones	DE-Düsseldorf	3–6 May
Paul Guichard	Microtubule meeting UK	GB-Edinburgh	13 May
Susan Schlimpert	EMBO Workshop: Archaeal and bacterial cell division: beyond the Z-ring	PT-Alcobaca	14–17 May
Elias Barriga	Society for cell biology singapore annual conference 2024	SG-Singapore	16–17 May
Elvira Mass	EMBO Workshop: Microglia in health and disease	IT-Genoa	21–24 May
Mahima Swamy	Nencki conference for life science – focus on lipid metabolism	PL-Warsaw	23–24 May
Siddhesh Kamat	Nencki conference for life science – focus on lipid metabolism	PL-Warsaw	23–24 May
Tanmay Bharat	Junior scientists microbiology JSM3 congress 2024	FR-Marseille	23–24 May
Danny Nedialkova	2nd workshop on codon usage: function, mechanism and evolution	GB-Edinburgh	24–27 May
Guadalupe Sabio	11th interNAtional ascona workshop on cardiomyocyte biology	CH-Ascona	26–30 May
Emmanuelle Bayer	EMBO FEBS Lecture Course: Membranes, lipids and proteins in organelle biogenesis	GR-Spetses	26 May–1 June
Benjamin Schumann	7th canadian glycomics symposium and the 10th warren workshop	CA-Alberta	27–29 May
Celine Vallot	EMBO Workshop: The many faces of cancer evolution	IT-Rimini	29–31 May
Hind Medyouf	EMBO Workshop: The many faces of cancer evolution	IT-Rimini	29–31 May
Yaniv Elkouby	GRC Cell polarity signaling (polarity and asymmetry in tissue agordon research conferencerchitecture and cell fate)	US-Manchester	2–7 June
Elodie Segura	19th International conference on innate immunity	GR-Loutraki	6–11 June
Einat Segev	GRC: Linking genes, rates, and biogeochemistry in marine microbiology	CH-Les Diablerets	9–14 June

EMBO Young Investigator Lectures 2024 (continued)

Young Investigator	Conference	Location	Date ▼
Hayley Sharpe	EMBO Workshop: Pseudoenzyme functions across life - challenges and opportunities	ES-Girona	10–13 June
Christoph Zechner	Theory across biology	CH-Bern	14 June
Daniele Fachinetti	EMBO Workshop: Dynamic kinetochore	CH-Caux	17–20 June
Julie Welburn	EMBO Workshop: Dynamic kinetochore	CH-Caux	17–20 June
Cécile Charrier	41st Blankenese conference “synaptopathies – molecular mechanisms of brain disease”	DE-Hamburg-Blankenese	22–25 June
Uri Ben-David	Gordon conference on drug resistance	US-Rhode Island	23–25 June
Aydan Bulut Karslioglu	Building advanced multicellular systems in 3D (BaCell3dD)	CH-Basel	24–26 June
Mina Gouti	Building advanced multicellular systems in 3D (BaCell3dD)	CH-Basel	24–26 June
Omayya Dudin	Diversity and evolution in cell biology	ES-Catalonia	24–27 June
Sebastian Marquardt	International plant molecular biology conference (IPMB)	AU-Cairns	24–28 June
Nicholas M. I. Taylor	21st IUPAB congress 2024 (IUPAB2024)	JP-Kyoto	24–28 June
Mauro Gaya	EMBO Workshop: Lymphatic tissues and germinal centres in immune reactions	IE-Galway	3–5 July
Sebastian Marquardt	Plant epigenetics epiplant-seb conference	FR-Clermont-Ferrand	10–12 July
Hayley Sharpe	GRC thiol-based redox regulation and signaling	ES-Barcelona	14–19 July
Yaniv Elkouby	Society for the study of reproduction (SSR) 2024 annual conference	IE-Dublin	15–19 July
Tommaso Patriarchi	GRC: Linking brain circuits to behavior and biological insights derived from optogenetic approaches	IT-Lucca	21–26 July
Daniele Fachinetti	GRC: Centromere biology- sequence, identity, function and genome stability	US-Portland	28 July–2 August
Danny Nedialkova	FASEB: Biological methylation: fundamental mechanisms in health and disease	PT-Porto	28 July–1 August
Hayley Sharpe	FASEB: Protein phosphorylation in health and disease	IE-Dublin	4–8 August
Omayya Dudin	Plant and microbial cytoskeleton gordon research conference - functional diversity of the cytoskeleton	US-Andover	11–16 August
Tanmay Bharat	EMBO Practical Course: Advances in cryo-electron microscopy and 3D image processing	DE-Heidelberg	11–26 August
Uri Ben-David	Joint EMBO FEBS Lecture Course: Molecular mechanisms in signal transduction and cancer EFLC24-020	GR-Spetses	18–26 August
Tineke Lenstra	EMBL Conference: Transcription and chromatin	DE-Heidelberg	24–27 August
Jan Schuller	EBEC2024: 22nd European bioenergetics conference	AT-Innsbruck	26–31 August
Georg Hochberg	EBEC2024: What is life?	AT-Innsbruck	26–31 August
Joseph Yeeles	7th DNA polymerases meeting	PL-Warsaw	28–31 August
Tanmay Bharat	Pseudomonas 2024	DK-Copenhagen	1–5 September
Hind Medyof	46th Congress of the spanish society of biochemistry & molecular biology	ES-A Coruña	3–6 September
Yaron Fuchs	53rd Annual ESDR meeting	PT-Lisbon	4–7 September
Mahima Swamy	FASEB: Gastrointestinal tract XXI: Life, death, and disease	CA-Banff	8–12 September
Benjamin Schumann	EMBO Workshop: Chemical biology 2024	DE-Heidelberg	9–12 September
Daniele Fachinetti	Summer school in quantitative biology	IT-Milan	9–20 September
Francesca Mattioli	2024 UK DNA replication meeting	GB-Cambridge	10–12 September
Elif Nur Firat-Karalar	Cilia2024: 6th European meeting of cilia biology	IE-Dublin	10–13 September
Sebastian Marquardt	PhD-level course: epigenetics for developmental and metabolic regulation in plants and algae	NO-Bodø	11–13 September
Uri Ben-David	FASEB Meeting on the consequences of aneuploidy	US-Melbourne	15–19 September

Young Investigator	Conference	Location	Date ▼
Wanda Kukulski	EMBO FEBS Lecture Course: Mitochondria in life, death and disease	DE-Landshut	16–20 September
Emmanuelle Bayer	11th International conference on intercellular communication in plants (PD2024)	US-St Louis	17–20 September
Cécile Charrier	25th Biennial meeting of the international society for developmental neuroscience (ISDN 2024)	FR-Montpellier	21–24 September
Boyan Bonev	25th Biennial meeting of the international society for developmental neuroscience (ISDN 2024)	FR-Montpellier	21–24 September
Elvan Böke	EMBO Workshop: Autophagy across scales	IT-Sorrento	23–27 September
Francesca Mattioli	International symposium 'Chromatin dynamics'	DE-Munich	9–11 October
Marieke Oudelaar	International symposium 'Chromatin dynamics'	DE-Munich	9–11 October
Nicholas McGranahan	The 2nd Young scientist cancer congress 2024 (YS2C) – “New translational approaches in cancer therapy”	FR-Montpellier	10–11 October
Barbara Treutlein	EMBO Workshop: Unlocking human brain complexity using 3D culture and single-cell omics	IT-Capri	13–16 October
Daniele Fachinetti	EMBO Workshop: The DNA damage response in cell physiology and diseases	GR-Sounio	14–18 October
Martijn Luijsterburg	EMBO Workshop: The DNA damage response in cell physiology and diseases	GR-Sounio	14–18 October
Bonnie Murphy	Cryonet symposium	DK-Aarhus	16–17 October
Mounia Lagha	From cell to organism - Cell Dev	FR-Paris	16–19 October
Alexey Amunts	10th Metnet international meeting on mitochondria and metabolism	ES-Barcelona	24–25 October
Tineke Lenstra	FEBS Advanced Lecture Course: 5th Danube conference on epigenetics	HU-Budapest	28–31 October
Nicola Iovino	FEBS Advanced Lecture Course: 5th danube conference on epigenetics	HU-Budapest	28–31 October
Alexey Amunts	15th World congress on targeting mitochondria 2024	DE-Berlin	29–31 October
Leila Akkari	Evomet conference: Deconstructing the evolution of metastasis	BE-Brussels	6–8 November
Mauro Gaya	4th Joint french innate T cell symposium	FR-Paris	7–8 November
Bonnie Murphy	7th Annual austrian Cryo-EM (ACE) symposium	AT-Vienna	12–13 November
Hauke Hillen	7th Annual austrian Cryo-EM (ACE) symposium	AT-Vienna	12–13 November
Tanmay Bharat	7th Annual austrian Cryo-EM (ACE) symposium	AT-Vienna	12–13 November
Marc Güell	IAS Frontiers conference on genome engineering	SG-Singapore	13–15 November
Yaniv Elkouby	Cell Bio 2024 - An ASCB EMBO meeting	US-San Diego	14–18 December
Eva Maria Novoa	The 29th tRNA conference	JP-Kanazawa	18–22 November
Tineke Lenstra	EMBL Conference: Quantitative biology to molecular mechanisms	DE-Heidelberg	19–22 November
Elias Barriga	Workshop in cell and developmental biology	AR-Buenos Aires	20–22 November
Susan Schlimpert	DMF Impromptu symposium: The bacterial cell across scales	CH-Lausanne	20–23 November
Elif Nur Firat-Karalar	UK Cilia meeting 2024	GB-Liverpool	22 November
Marc Güell	26th Annual EMBL PhD symposium: Biology outside the box	DE-Heidelberg	4–6 December
Nicholas M. I. Taylor	26th Annual EMBL PhD symposium: Biology outside the box	DE-Heidelberg	4–6 December
Yen-Ping Hsueh	26th Annual EMBL PhD symposium: Biology outside the box	DE-Heidelberg	4–6 December

EMBO Installation Grants

EMBO Installation Grantees 2024

Name ▼	Moving From	Moving to	Research interest
Dimitrios Anastasakis	National Institutes of Health, Maryland, US	University of Crete, GR	Developing innovative methods to identify novel pre-mRNA processing factors
Damir Baranasic	Ruđer Bošković Institute, Zagreb, HR	Ruđer Bošković Institute, Zagreb, HR	PROSPER: PROMoter STRucture and Protist Evolutionary Resilience
Jelena Bujan	Ruđer Bošković Institute, Zagreb, HR	Ruđer Bošković Institute, Zagreb, HR	Unraveling insect resistance to extreme heat stress
Sara Calafate	Universidade do Minho, Braga, PT	Universidade do Minho, Braga, PT	Unveiling the impact of sleep-dependent processes on neuronal homeostasis in AD
Grzegorz Grabe	University of Gdańsk, PL	University of Gdańsk, PL	Investigation of Salmonella pathogenicity and survival
Ioanna Keklikoglou	University of Crete, Heraklion, GR	University of Crete, Heraklion, GR	Understanding myeloid cell heterogeneity in metastatic niches after chemotherapy
Mattia Morandi	Institute of Organic Chemistry and Biochemistry of the CAS, Prague, CZ	Institute of Organic Chemistry and Biochemistry of the CAS, Prague, CZ	Membrane biophysics of extracellular vesicles in health and disease
Mari Sepp	Universität Heidelberg, DE	Tartu University, EE	Cellular phenotypes in the cerebellum: implications in evolution and disease
Petr Tesina	Central European Institute of Technology (CEITEC), Brno, CZ	Central European Institute of Technology (CEITEC), Brno, CZ	Mechanistic studies of human co-translational quality control
Lidia Wrobel	University of Cambridge, UK	International Institute of Molecular and Cell Biology, Warsaw, PL	Spatial organisation of protein quality control in neurodegenerative diseases

EMBO Global Investigator Network

EMBO Global Investigators 2024

Name ▼	Institute	Research interest
Krishanpal Karmodiya	Indian Institute of Science Education and Research, Pune	Mechanisms of Antigenic variation and Drug Resistance in Plasmodium falciparum
Prem Kaushal	Regional Centre for Biotechnology, Faridabad	Protein synthesis & ribosome assembly in pathogenic microbes
Yinghui Li	Nanyang Technological University Singapore	Unravelling the role of non-canonical NF-κB signalling in the cancer epigenome
Wei Ma	Nanyang Technological University Singapore	Gene regulation in seed metabolism and fruit development
Rajender Motiani	Regional Centre for Biotechnology, Faridabad	Calcium driven inter-organelle crosstalk: a master regulator of pigmentation
Bhavana Muralidharan	Institute for Stem Cell Science and Regenerative Medicine, Bangalore	Dissecting Molecular Mechanisms of Neurodevelopmental Chromatinopathies
Gyaviira Nkurunungi	MRC/UVRI and LSHTM Uganda Research Unit, Entebbe	Biological predictors of vaccine-specific response
Jogender Singh	Indian Institute of Science Education and Research (IISER), Mohali	Microbiota-mediated modulation of cellular stress responses and lifespan
Vincenzo Sorrentino	National University of Singapore	Targeting the mitochondria-proteostasis axis to promote healthy longevity
Chih-Hang Wu	Academia Sinica, Taipei	Evolutionary and Functional Dynamics of Plant Immunity Networks
Wei-Li Wu	National Cheng Kung University, Tainan	Microbial modulation of emotional responses: unraveling the gut-brain connection

EMBO Global Investigator Lectures 2024

Global Investigator	Conference	Location	Date ▼
Yansong Miao	TSL Summer Conference (International Early Career Researchers)	UK-Norwich	15 - 26 July
Yansong Miao	The 7th International Conference on Biotic Plant Interactions	CN-Hangzhou	13 - 17 October

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EMBO Courses & Workshops

Practical Courses 2024 EMBC Member States

Title	Organizer	Location	Date ▼
Imaging Marine Organisms Across Scales	M.I. Arnone	IT-Napoli	9–12 April
Evolutionary and Comparative Genomics	N. Vakirlis	GR-Nafplion	3–6 November
Hands-on course in genome sequencing, assembly, and downstream analyses	A. Bombarely	ES-Valencia	28 January–3 February
Integrative analysis of multi-omics data	B. Velten	DE-Heidelberg	27 February–1 March
iCLIP2: An advanced technique for protein-RNA interaction mapping	E. Bechara	IT-Genoa	7–12 April
In situ structural biology by Cryo-FIB and Cryo-ET	J. Plitzko	DE-Martinsried-Planegg	14–22 April
Ultrastructure expansion microscopy	V. Hamel	DE-Heidelberg	15–19 April
Deep learning for microscopy image analysis (EMBO-DL4MIA)	F. Jug	IT-Milan	8–16 May
Structural characterisation of macromolecular complexes	W. Galej	FR-Grenoble	1–8 June
C. elegans, from genome editing to imaging	S. Köhler	DE-Heidelberg	9–15 June
Population genomics: background and tools	V. Colonna	IT-Naples	10–16 June
Intensive course in Electron Microscopy for Cell Biology	N. Roos	NO-Oslo	17–26 June
Volume Correlative Light Electron Microscopy	P. Verkade	UK-London	7–12 July
Breathless Microbes: Life With No Oxygen	C. Welte	NL-Nijmegen	8–12 July
Time-resolved macromolecular serial crystallography	S. Basu	FR-Grenoble	8–12 July
EGGED 2024- Edinburgh Gallus Genomics and Embryonic Development Workshop	M. Davey	UK-Midlothian	8–13 July
Summer School for Advanced Modeling of Behavior	C. Summerfield	ES-Barcelona	16–25 July
Advances in cryo-electron microscopy and 3D image processing	S. Eustermann	DE-Heidelberg	18–26 August
Structure, dynamics and function of biological macromolecules by NMR	M.R. Jensen	FR-Grenoble	30 August–6 September
Current methods in cell biology	S. Koehler	DE-Heidelberg	1–10 September
Membrane protein expression, purification & characterisation 3 (mPEPC3)	M. Garcia Alai	DE-Hamburg	9–16 September
Synthetic biology in action: Engineering synthetic systems	V. Pinheiro	DE-Heidelberg	15–22 September
Small Angle Neutron and X-ray Scattering from biomacromolecules in solution	F. Gabel	FR-Grenoble	16–20 September
Metabolite and species dynamics in microbial communities	M. Zimmermann	DE-Heidelberg/ IN-Bangalore	13–18 October
The Fundamentals of High-End Cell Sorting	B. Ramasz	DE-Heidelberg	4–8 November
Humanized mice: immunotherapy and regenerative medicine	R. Strieppe	DE-Heidelberg	17–22 November

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Title	Organizer	Location	Date ▼
Integrative structural biology: Solving molecular puzzles	J. Kosinski	DE-Hamburg	17–24 November

Practical Courses 2024 EMBC Global partners

Title	Organizer	Location	Date ▼
Cryo electron microscopy and 3D image processing (CEM3DIP)	V. Mangala Prasad	IN-Bengaluru	30 June–7 July

Workshops 2024 EMBC Member States

Title	Organizer	Location	Date ▼
The new cardiobiology	J. Backs	DE-Heidelberg	20–23 February
Tissue-resident immune cells in health and disease	T. Lawrence	FR-Marseille	20–23 March
Pathogen immunity and signaling	M. Iannacone	IT-San Servolo (Venice)	8–12 April
Developmental circuits in aging	E. Gilson	FR-Nice	9–12 April
Nuclear mechano-genomics	G. Shivashankar	IT-Sardegna	16–19 April
Trafficking and Glycosylation at the Golgi apparatus	K. Schjoldager	IT-Sorrento	16–19 April
Intercepting Childhood Blood Cancer: From Single Cells To Malignant Clones	A. Borkhardt	DE-Düsseldorf	3–6 May
Building networks 2024: Engineering in vascular biology	M. Bernabeu	ES-Barcelona	6–8 May
Telomere function and evolution in health and disease	S. Boulton	IT-Rome	6–11 May
Molecular neurobiology	J. Elegheert	GR-Heraklion	13–17 May
Recoding and the diversity of genetic decoding	P. Baranov	IE-Bantry	13–18 May
Archaeal and bacterial cell division: Beyond the Z-ring	M.G. Pinho	PT-Alcobaça	14–17 May
Molecular biology of mitochondrial gene maintenance and expression	R. Szczesny	PL-Jozefów	19–23 May
Microglia in health and disease	A. Sierra	IT-Genoa	21–24 May
Principles of dendritic function and computation	J. Gjorgjieva	GR-Platanias, Chania	21–24 May
Workshop to establish state-of-the-art mollusc genomics	A. Dennis	BE-Namur	28–31 May
The many faces of cancer evolution	A.C. Obenauf	IT-Rimini	29–31 May
Pseudoenzyme functions across life - challenges and opportunities	H. Sharpe	ES-Girona	10–13 June
Plant genome stability and change 2024	A. Pecinka	CZ-Olomouc	16–19 June
Chromatin dynamics and nuclear organization in genome maintenance	H. van Attikum	NL-Leiden	17–20 June
Dynamic kinetochores	F. Steiner	CH-Caux	17–20 June
Limb development: Fundamental mechanisms, evolution, disease and regeneration	T. Sandoval Guzman	DE-Dresden	17–21 June
Molecular and developmental biology of Drosophila	I. Miguel-Aliaga	GR-Kolymbari	23–29 June

Workshops 2024

EMBC Member States (continued)

Title	Organizer	Location	Date ▼
Molecular biology of Archaea (MBoA)	H. Myllykallio	FR-Paris	24–27 June
Plant Calcium Signaling	J. Feijo	PT-Lisbon	1–4 July
Lymphatic Tissues and Germinal Centres in Immune Reactions	R. Ceredig	IE-Galway	3–5 July
Mechanisms of Citrullination Regulation in Health and Disease.	P. Sharma	FR-Toulouse	8–11 July
The Spatial Biology of Cancer	F. Ciccarelli	UK-London	1–3 September
Imaging mouse development	R. Prevedel	DE-Heidelberg	2–5 September
Chemical biology 2024	Y. Aye	DE-Heidelberg	9–12 September
BACNET24	T. Mignot	ES-Sant Feliu de Guixols	15–20 September
Advances and challenges in protein translocation across membranes	R.P. Jarvis	ES-Sant Feliu de Guixols	21–25 September
Nuclear Receptors: No Disease is Safe	C.J. De Vries	HR-Cavtat	23–26 September
Autophagy across scales	S. Martens	IT-Sorrento	23–27 September
The inflammasomes - 2024	V. Hornung	DE-Planegg-Martinsried	24–27 September
Ubiquitin and ubiquitin-like proteins in health and disease	Y. Merbl	HR-Cavtat-Dubrovnik	27 September–1 October
The molecular and cellular basis of regeneration and tissue repair	E. Röttinger	FR-Saint-Jean-Cap-Ferrat	7–11 October
Molecular mechanisms in evolution and ecology	A. Rokas	DE-Heidelberg	8–11 October
Cell death: friend or foe in animal and plant immunity	N. Sanchez Coll	ES-Sant Feliu de Guixols	11–15 October
Unlocking human brain complexity using 3D culture and single-cell omics	A. Fico	IT-Capri	13–16 October
Skeletal Muscle Development, Metabolism, and Repair during Homeostasis and Disease	R. Mounier	IT-Aci Castello CT	13–18 October
The DNA Damage Response in cell physiology and diseases	S. Rottenberg	GR-Sounio	14–18 October
The endoplasmic reticulum – guardian of cellular homeostasis	J. Christianson	IT-Barga	20–25 October
Spatial Omics and complexities of human diseases: Resolve and Solve	P. Trivedi	IT-Rome	23–25 October

Workshops 2024

EMBC Global partners

Title	Organizer	Location	Date ▼
International symposium on plant photobiology (ISPP)	K. Panigrahi	IN-Bhubaneswar, Odisha	9–12 January
Evolution and diversity of the DNA damage response	A. Ray Chaudhuri	IN-Lonavala	19–23 February
Latin American developmental biology conference	M.L. Concha	CL-Valparaiso	17–20 March
Chromatin biology in cancer 2024	C. Vallot	SG-Singapore	23–26 April
Neuropeptides and behavioural flexibility	P. Singru	IN-NISER-Bhubaneswar	5–8 December

EMBO | The Company of Biologists Workshops 2024

Title	Organizer	Location	Date ▼ (postponed from)
Plant tropisms	M. Morita	JP-Okazaki	9–12 July
Axonal Degeneration and Regeneration	M. Terenzio	JP-Onna, Kunigami district, Okinawa	6–10 October
Molecular mechanisms of developmental and regenerative biology	I. Chambers	JP-Kobe	6–8 November

EMBO | FEBS Lecture Courses 2024

EMBC Member States

Title	Organizer	Location	Date ▼
Membranes, lipids and proteins in organelle biogenesis	E. Breukink	GR-Spetses	26 May–1 June
Molecular mechanisms in signal transduction and cancer	B.M. Burgering	GR-Spetses	18–26 August
Molecular mechanisms of ageing and regeneration: From hydra to humans	C. Englert	GR-Spetses	5–12 September
Mitochondria in life, death and disease	N. Voegtli	DE-Landshut	16–20 September

EMBO Global Lecture Courses 2024

EMBC Global partners

Title	Organizer	Location	Date ▼
Small brains, big ideas	J. Ewer	CL-Las Cruces	17–27 October

India | EMBO Lecture Courses 2024

EMBC Global partners

Title	Organizer	Location	Date ▼
Post-transcriptional regulation in ageing and age-related diseases	G. Chawla	IN-Greater Noida, Uttar Pradesh and New Delhi	10–15 June

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EMBO | EMBL Symposia 2024

EMBC Member States

Title	Organizer	Location	Dates ▼
Microtubules: from atoms to complex systems	C. Janke, T. Müller-Reichert, S. Niwa, K. Ori-Mckenney	DE-Heidelberg	5–8 June
AI and biology	M. AlQuraishi, W. Huber, A. Kreshuk, E. Lundberg, O. Stegle	DE-Heidelberg	12–15 March
Biological oscillators: rhythms and synchronisation across scales	A. Aulehla, A. Hastings, H. Herzel, C. Partch	DE-Heidelberg	19–22 March
Diversity of plants: From genomes to metabolism	B. A. Halkier, S.E. O'Connor, D. Weigel	DE-Heidelberg	9–12 April
The mechanics of life: from development to disease	P. Liberali, N. Petridou, A. Shyer, A. Saric, X. Trepap	DE-Heidelberg	15–18 April
Organismal physiology	G. Karsenty, I. Miguel-Aliaga, A. Rolls, M. Soares	DE-Heidelberg	23–26 April
Cellular mechanisms driven by phase separation	S. Alberti, S. Cuylen-Häring, D. Dormann, A. Holehouse	DE-Heidelberg	14–17 May
Innate immunity in host-pathogen interactions	G. Brown, M. Gack, F. Randow, D. Soldati-Favre, C. Zipfel	DE-Heidelberg	18–21 June
Reconstructing the human past: using ancient and modern genomics	J. Krause, I. Moltke, M. Raghavan, P. Skoglund	DE-Heidelberg	17–20 September
Defining and defeating metastasis	E. Batlle, J. Joyce, D. Klimmeck, J. Massagué, S. Turajlic	DE-Heidelberg	30 September–3 October
The complex life of RNA	E. Conti, O. Duss, T.H. Jensen, K. Neugebauer	DE-Heidelberg	15–18 October
DNA replication: from basic biology to disease	A. Groth, T. Halazonetis, H. Ulrich	DE-Heidelberg	5–8 November

EMBO Member Keynote Lectures

EMBO Member Keynote Lectures EMBC Member States 2024

Name of EMBO Member	Title	Location	Date ▼
Pavel Tomancak	'Exploring the wonders of Life' - LS2 Annual Meeting 2023	CH-Lausanne	13–15 February
Ton N.M. Schumacher	EACR-AACR-IACR 'How to Bring Basic Science Discoveries to the Clinic'	IE-Dublin 1	27–29 February
Clare Isacke	The Tumour Ecosystem: Cellular Interactions and Therapeutic Opportunities	IT-Bergamo	19–21 March
Richard Durbin	International Congress on Transposable Elements	FR-Saint Malo	20–24 April
Núria López-Bigas	EACR Conference Cancer Multiomics and Computational Biology	IL-Rehovot	30 April–2 May
Miguel Soares	Molecular mechanisms of interorgan crosstalk in health and disease	GR-Spetses	9–17 May
Charles Swanton	The International Symposium of Institut Curie From basic science to cancer research	FR-Paris	15–17 May
Helle Ulrich	15 th 3R meeting in France	FR-Leucate	21–24 May
Richard P. Harvey	Workshop on Cardiomyocyte Biology	CH-Ascona	26–30 May
Agnieszka Chacinska	Membranes, Lipids and Proteins in Organelle Biogenesis	GR-Spetses	26 May–1 June
Andrea Brand	Nordic Developmental Biology & Michael Sars Symposium Joint Meeting	NO-Bergen	28–31 May
John Hardy	5th T21RS International Conference - Promoting research excellence in Down syndrome	IT-Rome	5–8 June
Caroline Dive	EACR 2024 Congress: Innovative Cancer Science	NL-Rotterdam	10–13 June
Ivan Dikic	Ligating the Ubiquitin Family: Physiology, Disease, and Future Directions	ES-Bilbao	24–25 June
Miguel A. Del Pozo	2nd International Conference on Mesenchymal Cells in Health & Disease	GR-Chania, Crete	27 June–2 July
Elena Conti	48th FEBS Meeting: Mining biochemistry for human health and well-being	IT-Milano	29 June–3 July
Fatima Mechta-Grigoriou	11th Annual Meeting of the International Society for Cancer Metabolism (ISCaM)	BE-Brussels	3–5 July
Tom Baden	27th International Colour Vision Society Meeting	SI-Ljubljana	5–9 July
Liam Dolan	'Life in Context – Organismal sensing and adaptation in the natural environment'	DE-Heidelberg	22–23 July
George Diallinas	Small Meeting on Yeast Transport and Energetics (SMYTE) 2024	UK-York	28 August–1 September
Bassem Hassan	Neurofly 2024 (Biennial 20th European Drosophila Neurobiology Research Conference)	UK-Birmingham	2–6 September
Kristin Tessmar-Raible	10th Congress of The Italian Society for Evolutionary Biology (SIBE-ISEB)	IT-Naples	8–11 September
Andrés Aguilera	Jacques Monod conference on 'Transcription and Genome maintenance'	FR-Roscoff	9–13 September
Simona Radutoiu	The Plant Peptides and Receptors Meeting	NL-Wageningen	11–13 September
Cédric Blanpain	European Summer School on Stem Cell Biology and Regenerative Medicine, 2024	GR-Spetses	13–20 September
Matthias P. Lutolf	From Stem Cells to Human Development	UK-Dorking	16–19 September

Name of EMBO Member	Title	Location	Date ▼
Andrea Musacchio	2nd DivIDE conference: Spindle Structure from Protein to Architecture	ES-Barcelona	25–28 September
Wendy Bickmore	7th International Conference on Epigenetics and Bioengineering	NL-Amsterdam	3–5 October
Karen Vousden	EACR Conference Cancer Metabolism	ES-Bilbao	8–10 October
Anja Groth	6th Munich International Chromatin Symposium – Chromatin Dynamics	DE-Planegg-Martinsried	9–11 October
Caren Norden	From Cells to Organism: When Cell Biology meets Development	FR-Paris	16–19 October
Maria Elena Torres Padilla	FEBS Advanced Lecture Course: 5th Danube Conference on Epigenetics	HU-Budapest	28–31 October
Mathias Uhlén	EACR Conference 'Liquid Biopsies'	FR-Lyon	12–14 November
Olivier Pourquié	Conference Institut Cochin 'Muscle, Exercise and Health'	FR-Paris	14–15 November
Nils Christian Stenseth	26th Annual EMBL PhD Symposium: Biology Outside the Box	DE-Heidelberg	4–6 December

EMBO Member Keynote Lectures EMBC Global partners 2024

Name of EMBO Member	Title	Location	Date ▼
Frédéric Allain	Understanding the Breathing of Biomolecules: Recent Advances in Cryo-EM and Chemical Biology	IN-Mumbai	7–9 March
William Schafer	10th Asia Pacific Worm Meeting	IN-Bengaluru	13–16 June
Roman Jerala	IUPAB 2024 meeting	JP-Kyoto	24–28 June
Kim B. Jensen	ISSCR - SCSS International Symposium 2024 - Stem Cells in Tissue Maintenance, Repair, and Aging	SG-Singapore	11–12 December

EMBO Member Keynote Lectures Non-EMBC Member States 2024

Name of EMBO Member	Title	Location	Date ▼
Petra Schwille	49th Lorne Conference on Protein Structure and Function (Keynote Lecture to be given by EMBO Member Petra Schwille)	AU-Lorne	4–7 February
Raffaella Santoro	'Nuclear Bodies: Hubs of Genome Activity'	US-Niagara Falls	2–7 June
Kairbaan Hodivala-Dilke	Cell Signaling in Cancer: From Mechanism to Therapy	US-Tucson	16–20 June
Robin C. Allshire	2024 FASEB Meeting on Yeast Chromosome Biology and Cell Cycle	CA-Winnipeg, MB	23–27 June
Anne Ridley	Regulation and Function of Small GTPases	US-Southbridge	23–27 June
Roman Jerala	IUPAB 2024 meeting	JP-Kyoto	24–28 June

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EMBO Member Keynote Lectures

Non-EMBC Member States 2024 (*continued*)

Name of EMBO Member	Title	Location	Date ▼
Robb Krumlauf	International Retinoids Conference VII - Federation of American Societies for Experimental Biology (FASEB) Science Research Conference	US-Saint Paul, MN	7–11 July
Erin M. Schuman	RNA localization and local translation FASEB Summer Research Conference	US-Melbourne	7 July–11 September
Volker Haucke	2024 FASEB Conference on 'Phospholipid Signaling in Aging and Disease'	US-Saint Paul, MN	21–25 July
Petr Cejka	FASEB conference on 'Dynamic DNA Structures in Biology'	US-Melbourne	21–25 July

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EMBO Global Lecture Series

Lectures 2024

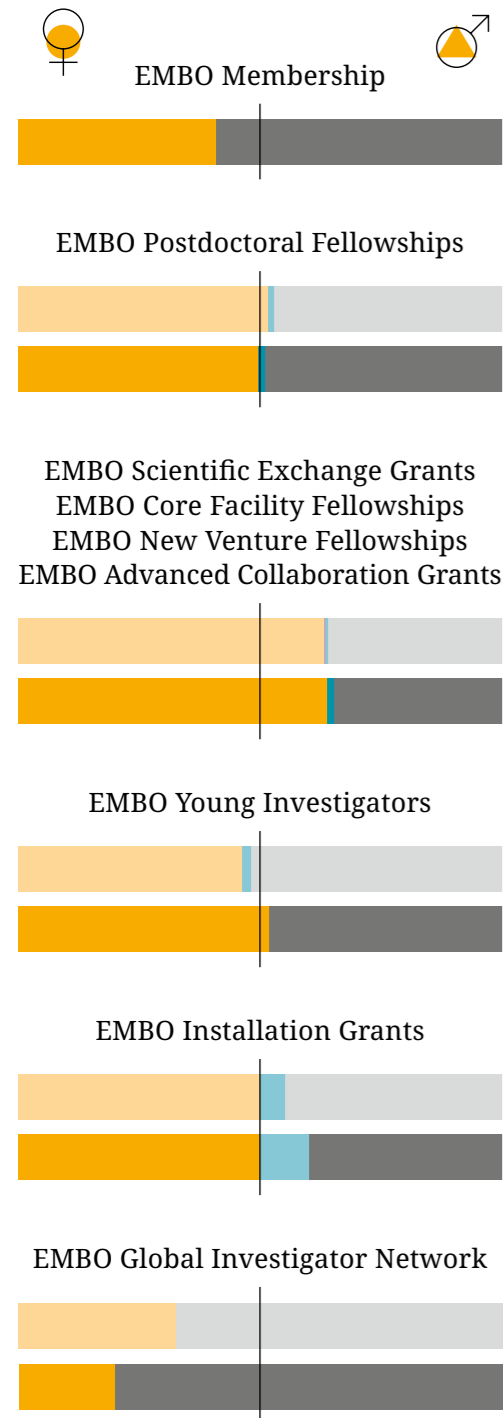
Speaker	Meeting or Institution	Location	Date ▼
Liam Nolan	National Institute of Science Education and Research	IN-Jatni	8–15 January
	SOA University	IN-Bhubaneswar	
	University of Delhi	IN-New Delhi	
Christian Fankhauser	National Institute of Science Education and Research	IN-Jatni	8–15 January
	Utkal University	IN-Bhubaneswar	
	University of Delhi	IN-New Delhi	
Michael Hall	CSIR-CLRI, in collaboration with Indian Institute of Technology Madras, Anna University and University of Madras	IN-Chennai	5–9 February
	Indian Institute of Science Education and Research, Pune	IN-Pune	
	National Center for Biological Sciences, Bangalore	IN-Bengaluru	
Vivek Malhotra	CSIR-CLRI, in collaboration with Indian Institute of Technology Madras, Anna University and University of Madras	IN-Chennai	5–9 February
	Indian Institute of Science Education and Research, Pune	IN-Pune	
	National Center for Biological Sciences, Bangalore	IN-Bengaluru	
Reinhard Faessler	CSIR-CLRI, in collaboration with Indian Institute of Technology Madras, Anna University and University of Madras	IN-Chennai	5–9 February
	Indian Institute of Science Education and Research, Pune	IN-Pune	
	National Center for Biological Sciences, Bangalore	IN-Bengaluru	
Wim Vermeulen	India Institute of Science Education and Research, Pune	IN-Pune	17–27 February
	EMBO workshop on Evolution and diversity of the DNA damage response, Aamby Valley	IN-Lonavala	
	Manipal School of Life Sciences	IN-Manipal	
Victor de Lorenzo	Centre for Integrative Biology & Systems Medicine	IN-Chennai	21 February–1 March
	Indian Institute of Technology Bombay	IN-Bombay	
	SASTRA University	IN-Thanjavur	
Frederic Berger	Guru Gobind Singh Indraprastha University, New Delhi	IN-New Delhi	3–16 March
	Shiv Nadar University	IN-Greater Noida	
	Centre for DNA Fingerprinting and Diagnostics, Hyderabad	IN-Hyderabad	
	Centre for Cellular & Molecular Biology, Hyderabad	IN-Hyderabad	
Yusuke Azuma	Rikkyo University	JP-Toshima	11–19 March
	Tokyo University of Technology	JP-Tokyo	
	Kyoto University	JP-Kyoto	

Speaker	Meeting or Institution	Location	Date ▼
Alfonso Martínez-Arias	EMBO Workshop: Latin American Developmental Biology Conference	CL-Valparaiso	13–20 March
	Outreach lecture open to the general public "The human embryo: between myth and reality"	CL-Santiago	
	Luis Izquierdo Memorial Lecture	CL-Santiago	
Roberto Mayor	EMBO Workshop: Latin American Developmental Biology Conference	CL-Valparaiso	13–20 March
	Jean Brachet Memorial Lecture	CL-Santiago	
	ISDB Lecture chair	CL-Santiago	
Pavel Tomancak	Universidad de Chile	CL-Santiago	13–20 March
	EMBO Workshop: Latin American Developmental Biology Conference, Valparaiso	CL-Valparaiso	
Cesar Antonio Ramirez Sarmiento	Young Investigators Meeting, Bhopal	IN-Bhopal	14–16 March
	Azim Premji University, Bhopal	IN-Bhopal	
	Indian Institute of Science Education and Research, Bhopal	IN-Bhopal	
Ping-Chih Ho	Academia Sinica	TW-Taipei	27–30 March
	Taipei Medical University	TW-Taipei	
	Chang Gung Medical University	TW-Linkou	
Uri Ben-David	N2CR Precision Cancer Medicine (PCM) Thematic Seminar Series, Yong Loo Lin School of Medicine	SG-Singapore	5–11 April
	A*STAR Institute of Molecular and Cell Biology	SG-Singapore	
	Duke-NUS Medical School Cancer and Stem Cell Biology Seminar Series	SG-Singapore	
Celine Vallot	EMBO Workshop "Chromatin biology in cancer 2024", Cancer Science Institute of Singapore	SG-Singapore	23–26 April
	A*STAR Genome Institute of Singapore	SG-Singapore	
	National University of Singapore	SG-Singapore	
Chris Marine	EMBO Workshop "Chromatin biology in cancer 2024", Cancer Science Institute of Singapore	SG-Singapore	23–26 April
	A*STAR Genome Institute of Singapore	SG-Singapore	
	National University of Singapore	SG-Singapore	
Axel Imhof	Cancer Science Institute of Singapore	SG-Singapore	23–26 April
	A*STAR Institute of Molecular and Cell Biology	SG-Singapore	
	East China Normal University	CN-Shanghai	
Eva Benkova	Hokkaido University	JP-Hokkaido	29 June–14 July
	Osaka University	JP-Osaka	
	National Institute for Basic Biology, National Institutes of Natural Sciences	JP-Okazaki	
Jiri Friml	EMBO The Company of Biologists Workshop "Plant Tropisms"	JP-Okazaki	29 June–14 July
	Hokkaido University	JP-Hokkaido	
	Osaka University	JP-Osaka	
Nicholas M. I. Taylor	Nagoya University	JP-Aichi	3–11 July
	Osaka University	JP-Osaka	
	National Institute of Infectious Diseases, Tokyo	JP-Tokyo	
Malcom Bennett	EMBO The Company of Biologists Workshop "Plant Tropisms"	JP-Okazaki	4–12 July
	Chiba University	JP-Chiba	
	Nara Institute of Science and Technology	JP-Ikoma	
Christian Fankhauser	EMBO The Company of Biologists Workshop "Plant Tropisms"	JP-Okazaki	8–16 July
	RIKEN Center for Sustainable Resource Science	JP-Saitama	
	Kyoto University	JP-Kyoto	

Speaker	Meeting or Institution	Location	Date ▼
Buzz Baum	Shandong University	CN-Shandong	6–10 August
	2024 International symposium on cryo-electron microscopy technology, Shenzhen	CN-Shenzhen	
Yaniv Elkouby	The Biological Symposium, National Institute of Genetics	JP-Mishima	21–24 August
	The International Zebrafish Society Conference	JP-Kyoto	
L. Felipe Barros	NeuroCentre Magendie, Université de Bordeaux	FR-Bordeaux	10–20 September
	Institute of Functional Biology and Genomics, Universidad de Salamanca	SP-Salamanca	
John Wood	Neuroscience Program of Academia Sinica, Academia Sinica	TW-Taipei	14–19 November
	Keynote lecture at 2024 Neurobiology of Sng, Institute of Biomedical Sciences, Academia Sinica	TW-Taipei	
	Taiwan Mouse Clinic, BioTReC, Academia Sinica	TW-Taipei	
Kenneth H. Wolfe	XLVI Chilean Microbiology Congress	CL-Coquimbo	25 November–6 December
	Pontificia Universidad Católica de Valparaíso	CL-Valparaíso	
Marcos González-Gaitán	Universidad de Chile	CL-Santiago	10–16 December
	Keynote Lecture, Annual Meeting of the Chilean Developmental Biology Society	CL-Concepción	
Anna Bigas	Universidad de Chile	CL-Santiago	10–16 December
	Keynote Lecture, Annual Meeting of the Chilean Developmental Biology Society	CL-Concepción	
	The Millennium Institute of Integrative Biology (iBio)	CL-Santiago	
Julien Vermot	Tata Institute of Fundamental Research, Bombay	IN-Bombay	12–24 December
	Indian Institute of Science Education and Research, Pune	IN-Pune	
	National Center for Biological Sciences, Bangalore	IN-Bengaluru	
Evanthia Soutoglou	Tata Institute of Fundamental Research, Bombay	IN-Bombay	12–24 December
	Indian Institute of Science Education and Research, Pune	IN-Pune	

Gender distribution

Visual distribution 2024



applicants (female/other/not specified/male)

members/awardees (female/other/not specified/male)

Overview 2020–2024

	EMBO Postdoctoral Fellowships			EMBO Scientific Exchange Grants EMBO Core Facility Fellowships EMBO New Venture Fellowships EMBO Advanced Collaboration Grants ¹			EMBO Young Investigators			EMBO Installation Grants ²			EMBO Global Investigator Network											
	Applications (total)	%	Awards (total)	%	Success rate (%)	Applications (total)	%	Awards (total)	%	Success rate (%)	Applications (total)	%	Awards (total)	%	Success rate (%)									
2020																								
Female	662	51.4	66	44.0	10.0	194	58.8	122	57.0	62.9	75	33.3	11	36.7	14.7	19	37.3	1	12.5	14	22.6	1	11.1	7.1
Male	625	48.6	84	56.0	13.4	136	41.2	92	43.0	67.6	150	66.7	19	63.3	12.7	32	62.7	7	87.5	48	77.4	8	88.9	16.7
Overall	1287		150		11.7	330		214		65.3	225		30		13.3	51		8		62		9		14.5
2021																								
Female	578	49.6	104	46.4	18.0	219	60.7	121	58.7	55.3	80	40.4	12	46.2	15.0	18	40.9	3	50.0	9	22.5	2	25.0	22.2
Male	588	50.4	120	53.6	20.4	142	39.3	85	41.3	59.9	118	59.6	14	53.8	11.9	26	59.1	3	50.0	31	77.5	6	75.0	19.4
Overall	1166		224		19.2	361		206		57.1	198		26		13.1	44		6		40		8		20.0
2022																								
Female	530	48.1	91	39.9	17.2	405	59.6	230	59.1	56.8	77	42.3	10	41.7	13.0	24	38.7	6	54.5	15	34.9	2	25.0	13.3
Male	566	51.4	136	59.6	24.0	265	39.0	155	39.8	58.5	103	56.6	14	58.3	13.6	37	59.7	4	36.4	28	65.1	6	75.0	21.4
Other	—	—	—	—	—	2	0.3	2	0.5	100.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not specified	5	0.5	1	0.4	20.0	7	1.0	2	0.5	28.6	2	1.1	0	0.0	0.0	1	1.6	1	9.1	—	—	—	—	—
Overall	1101		228		20.7	679		389		57.3	182		24		13.2	62		11		43		8		18.6
2023																								
Female	617	53.7	68	50.4	11.0	436	64.5	199	63.4	45.6	100	48.5	12	46.2	12.0	37	50.0	6	60.0	11	26.8	5	50.0	45.5
Male	513	44.6	65	48.1	12.7	237	35.1	113	29.0	47.7	106	51.5	14	53.8	13.2	37	50.0	4	40.0	30	73.2	5	50.0	16.7
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not specified	19	1.7	2	1.5	10.5	3	0.4	2	0.6	66.7	0	0.0	0	0.0	0.0	0	0.0	0	0.0	—	—	—	—	—
Overall	1149		135		11.7	676		314		46.4	206		26		12.6	74		10		41		10		24.4
2024																								
Female	698	51.7	72	49.7	10.3	446	63.3	205	64.1	46.0	102	46.4	14	51.9	13.7	20	50.0	5	50.0	13	32.5	2	20.0	15.4
Male	636	47.1	71	49.0	11.2	253	35.9	111	34.7	43.9	114	51.8	13	48.1	11.4	18	45.0	4	40.0	27	67.5	8	80.0	29.6
Other	—	—	—	—	—	1	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not specified	16	1.2	2	1.4	12.5	5	0.7	4	1.3	80.0	4	1.8	0	0.0	0.0	2	5.0	1	10.0	—	—	—	—	—
Overall	1350		145		10.7	705		320		45.4	220		27		12.3	40		10		40		10		25.0
2020–2024																								
Female	3085	51.0	401	45.5	13.0	1700	61.8	877	60.8	51.6	434	42.1	59	44.4	13.6	118	43.5	21	46.7	62	27.4	12	26.7	19.4
Male	2928	48.4	476	54.0	16.3	1033	37.5	556	38.5	53.8	591	57.3	74	55.6	12.5	150	55.4	22	48.9	164	72.6	33	73.3	20.1
Other	—	—	—	—	—	3	0.1	2	0.1	66.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not specified	40	0.7	5	0.6	12.5	15	0.5	8	0.6	53.3	6	0.6	0	0.0	0.0	3	1.1	2	4.4	—	—	—	—	—
Overall	6053		882		14.6	2751		1443		52.5	1031		133		11.9	271		45		226		45		19.9

¹ EMBO Scientific Exchange Grants: formerly called EMBO Short-Term Fellowships
EMBO Core Facility Fellowships: introduced in 2020
EMBO New Venture Fellowships: introduced in 2021
EMBO Advanced Collaboration Grants: introduced in 2021

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² The success rate for the EMBO Installation Grants scheme is not an accurate measurement of success. The number of awarded grants depends primarily on the funding provided by the ministries or agencies supporting the grants, and not on the scientific excellence of the applicants.

EMBO Membership (incl. Associate Members)

Year	Members (total)	Women (%)
2020	1877	21.6
2021	1915	22.2
2022	1964	22.8
2023	2010	24.0
2024	2098	25.2

EMBO Courses & Workshops³

Year	Female participants (%)	Female speakers (%)	Events covered (%)
2020	51	37	75
2021	50	46	100
2022	53	41	77
2023	54	43	84
2024	55	47	99

³ Including: EMBO | EMBL Symposia (except for 2020 and 2024), EMBO | FEBS Lecture Courses (except for 2024), EMBO Global Exchange Lecture Courses, EMBO | Company of Biologists Practical Courses and Workshops (for 2024), EMBO Practical Courses, EMBO Workshops

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¹ Departed in August

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