



HFSP AWARDS 2026

FELLOWSHIPS

as approved by the Board of Trustees (March 2026)

Please note that this list does not include the applicants listed as reserves, some of which may be awarded in case any awardees decline the award.

The HFSP fellowship program funds innovative, ground-breaking projects that have the potential to advance knowledge in the applicants' fields of study or open a new approach to a research problem. High risk research is supported.

Long-Term Fellowships provide 3 years of support for applicants with a degree in the life sciences to obtain training in a new area of research in an outstanding laboratory of their choice in another country. Applicants are expected to broaden their horizons and to move into a new research field that differs significantly from their doctoral studies or previous postdoctoral training.

Cross-Disciplinary Fellowships are intended for postdoctoral fellows with a degree from outside the life sciences (e.g. physical sciences, chemistry, mathematics, engineering or computer sciences) who wish to receive training in biology. Fellows receive 3 years of support to train in an outstanding laboratory of their choice in another country. Applicants for this fellowship are expected to move into a new research field through a significant change in discipline.

Long-Term Fellowships (LTF) and Cross-Disciplinary Fellowships (CDF) are presented in separate tables, with the awardees listed in alphabetical order.

LONG-TERM FELLOWSHIPS

Long-Term Fellowships

BACKMAN, Talia USA	From	University of Utah Salt Lake City USA	<i>Decoding Microbial Coalescence: A Machine Learning Approach to Ecosystem Resilience</i>
	To	National University of Singapore Singapore	Supervisors: CHANG, Ying ZAHN, Geoffrey
BEN NISSAN, Roee Israel	From	Weizmann Institute of Science Rehovot Israel	<i>The PlantFit Atlas: functional validation of trait-associated genes towards engineering symbiosis</i>
	To	University of Malaga Málaga Spain	Supervisor: CARRION, Victor
BENDER, Philip USA	From	West Virginia University School of Medicine Morgantown USA	<i>Stimulus-dependent recruitment of auditory afferent neurons by inner hair cells</i>
	To	Institut Pasteur Paris France	Supervisor: BARRAL, Jérémie
BENINGER, John Canada/UK	From	University of Ottawa Ottawa Canada	<i>An information theoretic framework for optimal neuroprosthetic stimulation of human cortex</i>
	To	Chalmers University of Technology Gothenburg Sweden	Supervisor: VALLE, Giacomo
BILODEAU, Anthony Canada	From	Laval University Québec Canada	<i>Dissecting mitochondrial compartmentalization and identity with smart microscopy</i>
	To	EPFL Lausanne Switzerland	Supervisor: MANLEY, Suliana

LONG-TERM FELLOWSHIPS

BISOT, Corentin France	From	ENS Lyon Lyon France	<i>Bridging the gap, Dictyostelium collective behaviour for migration in soil</i>
	To	EMBL Heidelberg Heidelberg Germany	
BREINYN, Isaac USA	From	Princeton University Princeton USA	<i>The biophysical and cognitive mechanisms of human collective behaviors</i>
	To	MPI of Animal Behavior Radolfzell Germany	
BROWN, Luke UK	From	University of Calgary Calgary Canada	<i>A lung-neural-marrow axis for tailored immune responses to pathogens</i>
	To	Yale University New Haven USA	
CONNOLLY, John UK	From	Royal College of Surgeons in Ireland Dublin Ireland	<i>Encrypted peptides as antimicrobial prodrugs</i>
	To	University of Pennsylvania Philadelphia USA	
DAPINO, Antonella Uruguay/Italy	From	Universidad de la República Montevideo Uruguay	<i>Hierarchy of cortical plasticity through circuit diversity</i>
	To	Paris Brain Institute (Institut du Cerveau, ICM) Paris France	

LONG-TERM FELLOWSHIPS

DAVILA, Aida USA/Ecuador	From	Albert Einstein College of Medicine Bronx USA	<i>Understanding visual input to the head direction system for spatial navigation</i>
	To	University College London London UK	Supervisors: SALEEM, Aman JEFFERY, Kate
DE LUCA, Kim Netherlands	From	Hubrecht Institute Utrecht Netherlands	<i>Tracing somatic evolution in corals: implications for longevity and adaptation</i>
	To	Helmholtz Institute for Functional Marine Biodiversity Oldenburg Germany	Supervisor: BAUMS, Iliana
DELIGIA, Eleonora Italy	From	Université de Lille Lille France	<i>Decoding the functional architecture of hormone-responsive POMC neurons across reproductive states</i>
	To	FRCB Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) Barcelona Spain	Supervisor: HADDAD TOVOLLI, Roberta
DOMINGUEZ ARRIOLA, Marcos Eliseo Mexico/France	From	McGill University Montreal Canada	<i>Uncovering the neural mechanisms of shared social reward during real-time interaction</i>
	To	Princeton University Princeton USA	Supervisor: TAMIR, Diana
GAULT, Stewart Ireland/UK	From	University of Edinburgh Edinburgh UK	<i>The rules of life in subzero environments</i>
	To	EPFL Lausanne Switzerland	Supervisor: ALTSHULER, Ianina

LONG-TERM FELLOWSHIPS

GLIGOROVSKI, Vojislav Serbia	From	EPFL Lausanne Switzerland	<i>Reconstructing Hox clusters' architecture across vertebrates</i>
	To	NYU Grossman School of Medicine New York USA	Supervisor: BOEKE, Jef
GROH, Adam Canada	From	McGill University Montreal Canada	<i>Age-associated remodeling of the periventricular cerebrospinal fluid-brain interface</i>
	To	University of Oxford Oxford UK	Supervisor: SZELE, Francis
HAN, Daehee Korea	From	Seoul National University Seoul Korea	<i>The role of instructive synaptic inputs in guiding credit assignment during motor learning</i>
	To	UC San Diego La Jolla USA	Supervisor: KOMIYAMA, Takaki
HIRANO, Kotaro Japan	From	Kyoto University Kyoto Japan	<i>A biohybrid approach to investigate force-regulated fate decisions in stem cells</i>
	To	Massachusetts Institute of Technology (MIT) Cambridge USA	Supervisor: RAMAN, Ritu
HOSOMI, Kento Japan	From	Shinshu University Nagano Japan	<i>Mechanistic dissection of how systemic aging disrupts wound healing via neuro-immune dysregulation</i>
	To	Monash University Clayton Australia	Supervisor: MARTINO, Mikael

LONG-TERM FELLOWSHIPS

KAPOOR, Rohan India	From	International Max Planck Research School (IMPRS) for Molecular Biology Göttingen Germany	<i>The role of hearing in shaping the synaptome architecture of the brain</i>
	To	University of Edinburgh Edinburgh UK	Supervisor: GRANT, Seth
KASUGA, Yusuke Japan	From	University of Tokyo Tokyo Japan	<i>Uncovering neural circuit principles of cross-regional synchronous communications in the brain</i>
	To	UC San Francisco San Francisco USA	Supervisor: GANGULY, Karunesh
KLIESMETE, Zane Latvia	From	Ludwig Maximilian University Munich Germany	<i>Evolution of alternative splicing programs underlying cortical neurogenesis across mammals</i>
	To	Pompeu Fabra University Barcelona Spain	Supervisor: IRIMIA, Manuel
KULSUPTRAKUL, Jessie USA	From	University of Washington Seattle USA	<i>EvoAntiViro: An evolution-guided approach to uncover novel immune targets</i>
	To	International Center for Infectiology Research (CIRI – ENS Lyon) Lyon France	Supervisor: ETIENNE, Lucie
LEMMIK, Hanna Estonia	From	King's College London London UK	<i>Astrocyte control of behavioural state switching in the transparent vertebrate <i>Danio rerio</i></i>
	To	Sorbonne University Paris France	Supervisor: BORMUTH, Volker

LONG-TERM FELLOWSHIPS

LERMA MARTIN, Celia Spain	From	Ruprecht Karl University of Heidelberg Mannheim Germany	<i>Tracking spatiotemporal glial inflammation dynamics with synthetic RNA reporters</i>
	To	Arc Research Institute Palo Alto USA	Supervisor: HORNS, Felix
MAGLIERI, Veronica Italy	From	University of Pisa Pisa Italy	<i>Tickling the Mind: Exploring the evolutionary roots of humour in apes</i>
	To	University of Zurich Zurich Switzerland	Supervisor: BURKART, Judith
MAIMON, Shir Rachel Israel	From	Weizmann Institute of Science Rehovot Israel	<i>A new animal model for studying neural mechanisms of behavior and neural network regeneration</i>
	To	Massachusetts Institute of Technology (MIT) Cambridge USA	Supervisor: WEISSBOURD, Brandon
MAMERI, Amel Canada/Algeria	From	Laval University Quebec Canada	<i>Role of histone acetylation in 3D chromatin dynamics of early mammalian embryos</i>
	To	Helmholtz Munich Neuherberg Germany	Supervisor: TORRES-PADILLA, Maria-Elena
MATEOS-JAIMEZ, Judith Spain	From	FRCB Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) Barcelona Spain	<i>Illuminating the dark proteome of B cell lymphoma</i>
	To	Wellcome-MRC Cambridge Stem Cell Institute Cambridge UK	Supervisor: HODSON, Daniel

LONG-TERM FELLOWSHIPS

MCDOWELL, Sasha Barbados	From	University of British Columbia Vancouver Canada	<i>A hunt for blood: how mosquitoes smell humans</i>
	To	Harvard Medical School Boston USA	Supervisor: DEL MARMOL, Josefina
MINAMI, Katsuhiko Japan	From	The Graduate University for Advanced Studies, SOKENDAI Mishima Japan	<i>Unraveling the mechanics of crossover interference through single-molecule imaging</i>
	To	Harvard University Cambridge USA	Supervisor: KLECKNER, Nancy
MIYAMOTO, Kazuhide Japan	From	Tohoku University Sendai Japan	<i>Testing the saltational evolution hypothesis modeled on gill morphology of mayfly larvae</i>
	To	University of Barcelona Barcelona Spain	Supervisor: ALMUDÍ, Isabel
MIYASAKA, Ai Japan	From	University of Tsukuba Tsukuba Japan	<i>Dissecting the brain-placenta axis in shaping pregnancy</i>
	To	Stanford University Redwood City USA	Supervisors: SHAH, Nirao SVENSSON, Katrin
MIZUNO, Kosuke Japan	From	Kanazawa University Kanazawa Japan	<i>Dissecting blastocyst invasion into the endometrium via interface-specific perturbation screening</i>
	To	University of Cambridge Cambridge UK	Supervisor: BOROVIK, Thorsten

LONG-TERM FELLOWSHIPS

PAOLI, Emanuele Italy	From	Technical University of Munich Munich Germany	<i>Beyond vision: the role of rodent visual cortex in the neural instantiation of visual knowledge</i>
	To	Champalimaud Foundation Lisbon Portugal	Supervisor: PETREANU, Leopoldo
PEEDIKAYIL KURIEN, Sonu India	From	Weizmann Institute of Science Rehovot Israel	<i>Adaptive remodelling of olfactory circuits during pregnancy</i>
	To	University of Cambridge Cambridge UK	Supervisor: GALLIANO, Elisa
PEREZ BERTOLDI, Juan Argentina	From	UC Berkeley Berkeley USA	<i>A Multi-scale investigation of host-pathogen interfaces: from whole cells to molecular resolution</i>
	To	EMBL Heidelberg Heidelberg Germany	Supervisor: MAHAMID, Julia
PERSSON, Sebastian Sweden	From	University of Gothenburg Gothenburg Sweden	<i>Mapping Cell Cycle Tempo: Cyclin and Signaling Co-Regulation Across Human Tissues</i>
	To	The Francis Crick Institute London UK	Supervisor: FRÖHLICH, Fabian
RAGONIS BACHAR, Peleg Israel	From	Technion - Israel Institute of Technology Haifa Israel	<i>Computational design of light-harvesting organelles to gain new insights on photocatalysis</i>
	To	Max Planck Institute for Terrestrial Microbiology Marburg Germany	Supervisor: BUNZEL, Adrian

LONG-TERM FELLOWSHIPS

RAJAMANNAR, Preethi India	From	Weizmann Institute of Science Rehovot Israel	<i>Modulation of brain physiology by the choroid plexus secretome</i>
	To	Norwegian University of Science and Technology (NTNU) Trondheim Norway	Supervisor: JURISCH-YAKSI, Nathalie
REED, Paul Maximilian Meiering Canada	From	University of Toronto Toronto Canada	<i>Beyond AlphaFold: A novel computational approach for studies of protein dynamics</i>
	To	University of Cambridge Cambridge UK	Supervisor: VENDRUSCOLO, Michele
RIQUELME, Juan Luis Spain	From	Technical University of Munich Munich Germany	<i>Learning dynamics across cerebellum and motor cortex</i>
	To	ENS Paris Paris France	Supervisor: CAYCO-GAJIC, Alex
ROJAS VITE, Gilberto Mexico	From	McGill University Montreal Canada	<i>Neuromodulatory control of ultraslow medial entorhinal dynamics by the locus coeruleus</i>
	To	Norwegian University of Science and Technology (NTNU) Trondheim Norway	Supervisor: MOSER, May-Britt
SABATÉ, Thomas France	From	Pasteur Institute / Institute of Human Genetics (co-direction) Paris / Montpellier (co-direction) France	<i>Dissecting viral polymerase control of infection dynamics at single-molecule resolution</i>
	To	Hubrecht Institute Utrecht Netherlands	Supervisor: TANENBAUM, Marvin

LONG-TERM FELLOWSHIPS

SENDRA, Miquel Spain	From	Spanish National Centre for Cardiovascular Research (CNIC) Madrid Spain	<i>Metabolic adjustments in embryonic cells filling spaces in closed egg systems</i>
	To	Developmental Biology Institute of Marseille (IBDM) Marseilles France	Supervisors: GUIGNARD, Léo PAVLOPOULOS, Anastasios
SERWANJA, Jamil Uganda	From	Paris Lodron University of Salzburg Salzburg Austria	<i>miTAIL: Study of the role of miRNA tailing on target recognition</i>
	To	Aarhus University Aarhus C Denmark	Supervisor: BOFILL DE ROS, Xavier
SUN, Zachary China	From	Yale University New Haven USA	<i>Physical Learning of Keratin Network Across Scales: From EVL Formation to Cell Fate Reversal</i>
	To	Institute of Science and Technology Austria Klosterneuburg Austria	Supervisors: HEISENBERG, Carl-Philipp HANNEZO, Edouard
TAE, Hyunhyuk Korea	From	Nanyang Technological University Singapore	<i>Vesicle heterogeneity as a molecular code for secretory plasticity</i>
	To	Yale University New Haven USA	Supervisors: ROTHMAN, James RAMAKRISHNAN, Sathish
UZONYI, Anna Hungary	From	Weizmann Institute of Science Rehovot Israel	<i>A cross-species study of marine mammal skin and wound healing with single-cell and organoid methods</i>
	To	ETH Zürich Zurich Switzerland	Supervisor: TREUTLEIN, Barbara

LONG-TERM FELLOWSHIPS

ZHANG, Yuxin
China

From University College London
London
UK

To Harvard Medical School
Boston
USA

***Inter-cortical transfer of spatial
information with functional
connectomics***

Supervisor:
LEE, Wei-Chung

CROSS-DISCIPLINARY FELLOWSHIPS

Cross-Disciplinary Fellowships

BATRA, Abhilasha India	From	Indian Institute of Science Education and Research (IISER) Bhopal Bhopal India	<i>Cell fate transitions and adaptive responses in yeast under combinatorial stress environments</i>
	To	Laboratoire de Génétique Moléculaire, Génomique et Microbiologie (GMGM) Strasbourg France	Supervisor: CHARVIN, Gilles
REMBOTTE, Leon France	From	Centre de Recherche Paul Pascal Bordeaux France	<i>Reverse Engineering Morphogenesis Across Scales</i>
	To	University College London London UK	Supervisor: CHARRAS, Guillaume
SCHER, Yuval Israel/Portugal	From	Tel Aviv University Tel Aviv Israel	<i>Controlled Cross-Generational Delay of Gene Expression</i>
	To	Northwestern University Feinberg School of Medicine Chicago USA	Supervisor: GOYAL, Yogesh
SINGH, Pradeep India	From	Indian Institute of Technology Delhi (IIT Delhi) New Delhi India	<i>Cortical Microcolumn Reservoirs: An Excitatory–Inhibitory Blueprint for Cognitive-Map Stability</i>
	To	Massachusetts Institute of Technology (MIT) Cambridge USA	Supervisor: FIETE, Ila