



Research Careers in Germany: Opportunities in Life Sciences

Vid Nukala, PhD. MA.

Senior Community Engagement Officer | Director's Office
Head – Government Relations | Global Activities

DWIH/DAAD, India | 28 September 2023



Courtesy of EMBO Member
François Nédélec

EMBO is

an organization of leading life scientists that promotes excellence in the life sciences in Europe and beyond and helps build a research environment where scientists can achieve their best work

EMBO Fellowships and grants

Supporting researchers in Europe and around the world

EMBO Postdoctoral Fellowships

Two-year fellowships for postdocs with full social benefits

EMBO Scientific Exchange Grants

Supporting international collaborations, enabling transfer of expertise

EMBO New Venture Fellowships

Supporting young scientists to enter a new field

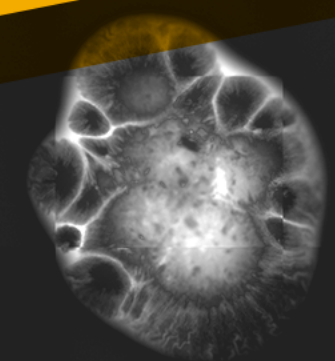
See details on
www.embo.org

EMBO Core Facility Fellowships

Supporting training and international exchanges of staff in core facilities



Marie-Steph Aschtgen
from The Karolinska Institute, Sweden,
visited Nanyang Technical University,
Singapore, to gain and transfer
expertise in biofilm work



EMBO Postdoctoral Fellowships

Funding junior scientists for international postdoctoral research

About the Programme

- Launched in 1966 as one of the first international postdoctoral schemes
- 150–200 awarded per year from 1,300 applicants

Benefits

- Two year contract (stipend outside of Europe)
- Childcare allowance
- Parental leave
- Part-time work
- Relocation allowance
- Participation in EMBO Fellows' Meeting
- Participation in EMBO Lab Leadership Courses



EMBO Fellow Matteo Allegretti,
working at EMBL

EMBO Scientific Exchange Grants

Supporting international collaborations, enabling transfer of expertise

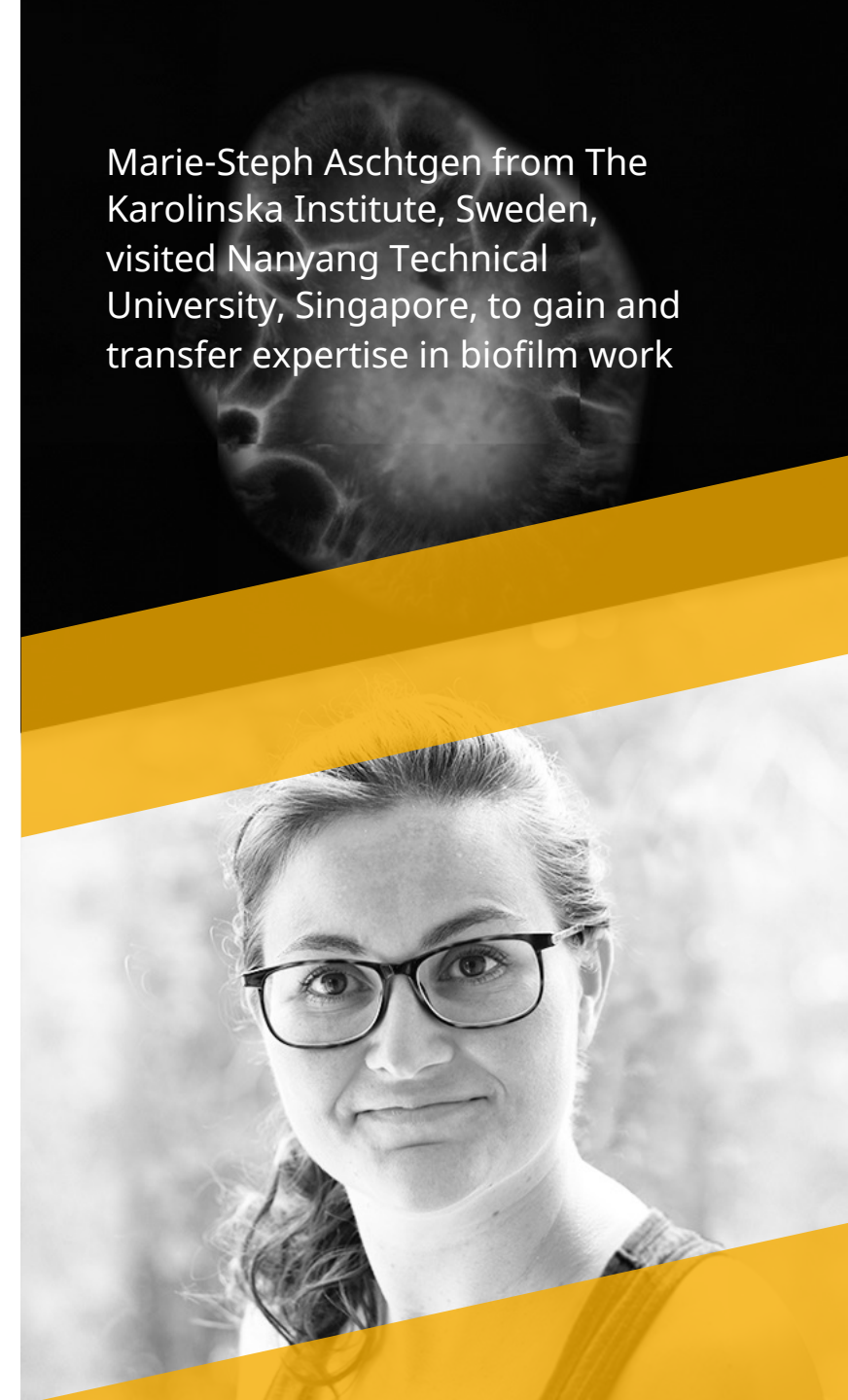
About the Programme

- For researchers at all career stages
- New collaborations favoured
- International mobility is required
- ~550 applications per year (~50% success rate)

Benefits

- Covering travel cost and daily rate (based on country of visit)
- Intended duration of visits: 1 week up to 3 months
- No deadline, continuous evaluation

Marie-Steph Aschtgen from The Karolinska Institute, Sweden, visited Nanyang Technical University, Singapore, to gain and transfer expertise in biofilm work



Core Facility Fellowships

Supporting training for staff of core facilities, funding international exchanges

About the Programme

- For core facility staff, including scientists and technicians
- For training in specific techniques used in core research facilities providing services to research institutions or universities
- For researchers at all career stages
- International mobility is required

Benefits

- Covering travel cost and daily rate (based on country of visit)
- Intended duration of visits: 1 week to 30 days
- No deadline, continuous evaluation



EMBO Young Investigator Programme

All member states

- Launched in 2000 to highlight some of the best young group leaders in Europe and beyond

Aim

- Network and support

Benefits

- Networking grants
- Award of €15,000
- Membership for 4 years
- Small grants

Apply by 1 April



Young Investigator meeting
2019, Singapore

EMBO Global Investigators

Available for group leaders in Chile, India, Singapore and Taiwan

- Launched in 2019 for young group leaders in Associate Member States

Aim

- Support young group leaders in Associate Member States
- Support of local networks via programme members
- Network with Young Investigators and Installation Grantees

Benefits

- Networking grants
- Small grants

Apply by 1 June



EMBO Courses & Workshops

More than 90 meetings in the life sciences per year

- **Practical courses**
 - Hands-on training in new technologies in the life sciences
- **Workshops**
 - Conferences on the latest developments in the life sciences
- **Lecture Courses**
 - Train PhD students and postdocs with background and underlying concepts in the life sciences

Travel grants, childcare support and registration fee waivers available to scientists to attend EMBO meetings



EMBO Events

2023

Practical Courses

- CL-Vapariato | 4-16 January 2023 | R. Mayer
Developmental biology
- DE-Heldberg | 10-17 February 2023 | M. Scherb
In-situ CLEM at room temperature and in cryo
- DE-Heldberg | 15-16 March 2023 | M.A. Vianco
Techniques for mammary gland research
- DE-Heldberg | 12-17 March 2023 | A. Hendix
Extracellular vesicles: From biology to biomedical applications
- IT-Prisida | 13-18 March 2023 | V. Colonna
Population genomics: Background and tools
- DE-Heldberg | 26 March-1 April 2023 | J. Madenbach
Measuring translational dynamics by ribosome profiling
- DE-Heldberg | 17-24 April 2023 | J.E. González-Pastor
Microbial metagenomics: A 360° approach
- GR-Heraldo | 7-18 May 2023 | A. Stamatakis
Computational molecular evolution
- DE-Heldberg | 11-16 June 2023 | C. Ludwig
Quantitative proteomics: Strategies and tools to probe biology
- DK-Odense | 15-22 June 2023 | M.A. Larsen
Characterisation of post-translational modifications in cellular signalling
- ES-Sarriena | 18-23 June 2023 | J. Sharpe
Computational modelling of multicellular systems
- Hybrid | CZ-Prague | 18-23 June 2023 | J. Novotny
Super-resolution in light microscopy
- DE-Heldberg | 25-30 June 2023 | A. Crovella
Imaging-based spatial-omics
- Hybrid | DE-Heldberg | 16-21 July 2023 | J. Crocker
Drosophila genetics and genomics
- DE-Heldberg | 24 July-4 August 2023 | A. Aulaha
Plasticity in developing systems: Time, space and environment
- DE-Magdeburg | 4-15 September 2023 | S. Mikulovic
LINDscope: Neuroimaging and data analysis
- UK-London | 5-12 September 2023 | G. Zanetti
Image processing for cryo-electron microscopy
- Hybrid | DE-Heldberg | 10-15 September 2023 | C. Tschir
Advanced methods in bioimage analysis
- TR-Izmir | 17-22 September 2023 | E. Kavaz
Integrative modelling of protein interactions
- Hybrid | DE-Heldberg | 22-27 October 2023 | E. Perletti
FISHing for RNAs: Classical to single molecule approaches
- ES-Sarriena | 12-17 November 2023 | E. Sahlgren
Targeted proteomics: Experimental design and data analysis
- FR-Bordeaux | 19-26 November 2023 | A. Pleschammer
Preparation and biophysical/MS characterization of multiprotein complexes for cryo-EM analysis
- DK-Oslo | 6-16 February 2023 | A. Sadhyan
Bacterial morphogenesis, survival and virulence: Dynamic genomes & envelopes
- Hybrid | DE-Heldberg | 8-11 February 2023 | J. Mahamid
In-situ structural biology: From cryo-EM to multi-scale modelling
- IL-Ramat | 28 February-3 March 2023 | E. Sorek
Immune system of bacteria (SISIR2023)
- IL-Rabat | 14-18 March 2023 | M. Oros-Solis
Mechanisms of neuronal remodeling
- IL-Ramat | 13-16 March 2023 | S. Wolf
Visualizing the complex dynamics of biological membranes
- Hybrid | CL-Vapariato | 15-19 March 2023 | A. Calvo
Third Latin American C. elegans meeting
- CL-Santa Cruz | 26-30 March 2023 | C. Letterer
Emerging concepts of the neuronal cytoskeleton
- Hybrid | DE-Heldberg | 28-31 March 2023 | B. Knollmann
Visualizing biological data (VIZBI 2023)
- Hybrid | FR-Les Houches | 9-14 April 2023 | P.H. Pouch
Immunobiophysics: From fundamental physics to understanding the immune response
- Hybrid | HU-Poznan | 17-19 April 2023 | S. Kopecká
Time-resolved spectroscopy meets time-resolved crystallography: The future of dynamic photobiology
- DE-Osnabrück | 23-27 April 2023 | M. Conrad
Ferropneosis: When metabolism meets cell death
- Hybrid | ES-Sant Felu de Gualdes | 24-27 April 2023 | E. Martí
Hedgehog signalling: From molecular structure to developmental biology and diseases
- GR-Isovalon | 8-11 May 2023 | G. Terentis
Cell biology of the nervous system: Long-term resilience and vulnerability
- PL-Poznan | 15-18 May 2023 | B. Uzcaynik-Ratajczak
Non-coding RNA medicine
- ES-Sant Felu de Gualdes | 21-24 May 2023 | M. Lopez
Cell polarity and membrane dynamics
- HR-Sydney | 21-26 May 2023 | E. Wolke-Bar
Protein quality control: From molecular mechanisms to therapeutic intervention
- HR-Carpat | 23-26 May 2023 | O. Rastand
RNA-protein proteinase
- GR-Athens | 25-28 May 2023 | J.G. Gravel
Systems biology: Linking chromatin and epigenetics to disease and development
- CH-Montreal | 18-22 June 2023 | S. Wolf
European toxicology workshop 2023
- Hybrid | AT-Freiburg | 18-23 June 2023 | V. Janesch
Meiosis
- Hybrid | DE-Berlin | 19-22 June 2023 | E. Schurz
X-Chromosome inactivation: New insights on its 60th anniversary
- Hybrid | CZ-Brno | 20-23 June 2023 | S. Vafopoulou
Eukaryotic RNA turnover and viral biology
- HR-Split | 26-30 June 2023 | J. Stajler
Systems approaches in cancer
- ES-Gerona | 27 June-1 July 2023 | S. Bisioletti
Antibodies and complement: Effector functions, therapies and technologies
- CH-Lugano | 28-30 June 2023 | S. Fernandez Gonzalez
Imaging the immune system (IS)
- Hybrid | DE-Heldberg | 11-14 July 2023 | J. Crocker
Predicting evolution
- Hybrid | DK-Copenhagen | 6-10 August 2023 | J. Nielsen
Signal regulation by protein phosphatases: Mechanisms and pathways
- CH-Laus-Danvers | 9-7 September 2023 | J. Barter
DNA topology and topoisomerases in genome dynamics
- ES-Bilbao | 19-26 September 2023 | V. Torres
Gene regulatory mechanisms in neural fate decisions
- IT-Venice | 16-15 September 2023 | S. Spisni
When biology of endocytosis meets physics: Emerging mechanisms and functions
- Hybrid | DE-Heldberg | 17-21 September 2023 | A. Aulaha
Developmental mechanisms: Flow of energy, matter and information
- ES-Sant Felu de Gualdes | 17-22 September 2023 | B. Schral
Lipid droplets: Metabolic hubs in health and disease
- FR-Sures | 18-25 September 2023 | J. Gomperts-Bonica
The Great Wall symposium
- Hybrid | DE-Munich | 18-21 September 2023 | C. Beutels
Stroke-immunology conference
- ES-Sivella | 18-21 September 2023 | D. Lapiere
The evolution of animal genomes
- ES-Gerona | 19-22 September 2023 | E. Jahn
Mechanisms of membrane fusion
- PT-Pinho de Verdes | 25-28 September 2023 | A. Vertegaal
SUMOylation: From discovery to translation
- Hybrid | TR-Istanbul | 26-29 September 2023 | E. Fran Karlar
Centrosomes in development, disease and evolution

Workshops

- Hybrid | DE-Osnabrück | 27-29 September 2023 | S. Albert
Epigenetics and condensates in lineage decisions
- IT-Rugby | 1-4 October 2023 | A. Hanecher-Rodry
Inter-organelle contacts biology
- FR-Marseille | 17-20 October 2023 | S. Spigaglia
Enhanceropathies: Understanding enhancer function to understand human disease
- ES-Seville | 7-10 November 2023 | V. Sábido
CRISPR-Cas: From biology to therapeutic applications
- Hybrid | DE-Heldberg | 8-11 November 2023 | D. Bourc'his
The mobile genome: Genetic and physiological impacts of transposable elements
- PT-Evora | 17-21 November 2023 | S. Konevski
Proteostasis: From translation to degradation
- ES-Sant Felu de Gualdes | 26 November-1 December 2023 | A. Moragud
Computational models of life: From molecular biology to digital twins
- Hybrid | DE-Heldberg | 28 November-1 December 2023 | S. Rempant
Subcellular sensory circuits: Visual, auditory, somatosensory, and beyond
- Hybrid | DE-Heldberg | 5-9 December 2023 | J. Knorr
Computational structural biology

EMBO | The Company of Biologists Events

- Workshop | JP-Oakville | 25-27 July 2023 | S. Shigenobu
"Trans-Scale Biology" using exotic non-model organisms
- Workshop | Hybrid | CN-Kunming | 9-12 November 2023 | J. Hu
Membrane shaping and remodeling by proteins

EMBO | EMBL Symposia

- Hybrid | DE-Heldberg | 11-11 March 2023 | T. Klein, M. McCutcheon, T. Richards
The cellular mechanics of symbiosis
- Hybrid | DE-Heldberg | 25-28 April 2023 | R. Bonaso, M. Boudard, M. Götz, K. Aebi
Brain genome: Regulation, evolution, and function
- Hybrid | DE-Heldberg | 5-12 May 2023 | D. Arendt, E. Heard, M. Leptin, F. Weir, D. Weger
The organism and its environment
- Hybrid | DE-Heldberg | 4-7 June 2023 | J. Jacobs, G. Legube, B. Lohle, B. Zimm
The syngene genome: From mechanisms to disease
- Hybrid | DE-Heldberg | 13-16 June 2023 | R. Mutsaers, Z. Guo, KC Huang, E. Palko
Life at the periphery: Mechano-biology of the cell surface
- Hybrid | DE-Heldberg | 27-30 June 2023 | P. Casari, S. Fabbro, KC Huang, M. Lieb, N. Types
New approaches and concepts in microbiology
- Hybrid | DE-Heldberg | 18-21 July 2023 | A. Aulaha, J. Garcia-Ojeda, R. Phillips
Theory and concepts in biology
- Hybrid | DE-Heldberg | 20-23 September 2023 | M. Arumugam, A. Bharti, P. Boin, N. Segler
The human microbiome
- Hybrid | DE-Heldberg | 4-7 October 2023 | J. Ellenberg, J. Lippincott-Schwartz, S. Mayer, A. Miyake
Seeing is believing: Imaging the molecular processes of life
- Hybrid | DE-Heldberg | 11-14 October 2023 | M. Bührer, A. Eickholt, J. Mendel, G. Simeoni, J. Smey
The non-coding genome
- Hybrid | DE-Heldberg | 18-21 October 2023 | M. Hauck, K. Konner, M. Wustmann, E. Söllinger
Organoids: Modelling organ development and disease in 3D culture

Lecture Courses

- EMBO | FEBS Lecture Course
DE-Göttingen am Reuß | 3-4 October 2023 | C. March
Susan Lindqvist school on proteostasis
- EMBO Lecture Course
IT-Venice | 21-25 August 2023 | J. Jaeger
Venice Summer School: The Future of evolutionary-developmental systems biology
- India | EMBO Lecture Courses
Hybrid | IN-Pune | 30 January-3 February 2023 | A. Sahu
Complement in Kidney diseases
IN-Durgam | 6-9 February 2023 | S. Itoh
Modelling development and disease with human tissue organoids
Hybrid | IN-Hoida | 28-31 March 2023 | V. Kumar
Tumour metabolism: Current understanding and opportunities for novel drug discovery

Apply for funding to organize events for 2024

Courses and Workshops 1 March and 1 August 2023

Keynote lectures given by EMBO Members at major international scientific meetings 1 February, 1 June, 1 October

For further information see: embo.org/funding/ funding-for-conferences-and-training

For an up-to-date overview visit* embo.org/conferences-training



*Dates and/or formats are subject to change



EMBOpress

THE
EMBO
JOURNAL

EMBO
reports

EMBO
Molecular
Medicine

molecular
systems
biology



Life Science Alliance

EMBO Training

Leadership skills

- Communication
- Team development
- Conflict management
- Negotiation
- Project management

Scientific skills

- Research integrity
- Planning and writing papers
- Scientific presentations
- Peer review



EMBO training courses are delivered by EMBO Solutions, a not-for-profit EMBO subsidiary

Research skill courses co-developed by



View all trainings at
lab-management.embo.org

