



# NOTICIERO MAYO 2020



Universidad Austral de Chile  
*Conocimiento y Naturaleza*

## CONCURSO CARGO: INVESTIGADOR PROYECTO FONDEF

### 1. DESCRIPCIÓN DEL CARGO:

Investigador jornada completa para formar parte del equipo de trabajo de un proyecto FONDEF asociado al Instituto de Acuicultura, Universidad Austral de Chile, Sede Puerto Montt por dos años.

Se espera que contribuya en la investigación relacionada con el impacto de presiones antropogénicas sobre los sistemas submareales de fondos blandos en varias regiones del país a través del análisis de bases de datos.

### 2. EXPERIENCIA DESEADA:

Investigación en ecología bentónica o impacto ambiental de presiones antropogénicas en sistemas marinos costeros demostrable a través de publicaciones y participación en proyectos de investigación.

Estadística avanzada, Manejo de base de datos y software R.

### 3. REQUISITOS:

Poseer grado de Doctor/Doctora con una antigüedad máxima de 5 año.

Productividad científica demostrable a través de publicaciones y presentación/participación en proyectos

Capacidad de liderar investigación

Alto compromiso laboral, buenas relaciones interpersonales, capacidad para trabajar en equipo

Disponibilidad inmediata

Disponibilidad para ejercer en Puerto Montt

#### **4. DOCUMENTOS PARA POSTULAR:**

Certificado de título y grados académicos  
Currículum Vitae  
Una carta de recomendación

#### **5. ENVÍO DE ANTECEDENTES:**

Enviar antecedentes a [iacui@uach.cl](mailto:iacui@uach.cl)

Consultas a: [iacui@uach.cl](mailto:iacui@uach.cl)

Plazo de envío de antecedentes: 18 de mayo del 2020

Se coordinará entrevista con los preseleccionados la semana del 18 de mayo

La universidad se reserva el derecho de declarar desierto el concurso



Universidad Austral de Chile  
*Conocimiento y Naturaleza*

## CONCURSO CARGO 2: INVESTIGADOR PROYECTO FONDEF

### 1. DESCRIPCIÓN DEL CARGO:

Investigador jornada completa para formar parte del equipo de trabajo de un proyecto FONDEF asociado al Instituto de Acuicultura, Universidad Austral de Chile, Sede Puerto Montt por dos años.

Se espera que contribuya en la investigación relacionada con el reconocimiento y análisis de imágenes para identificar especies marinas que se pueden encontrar en sistemas submareales de fondos blandos.

### 2. EXPERIENCIA DESEADA:

Investigación en áreas de reconocimiento de patrones, análisis y reconocimiento de imágenes a través de publicaciones y participación en proyectos de investigación. Manejo de algoritmos y software del área de investigación mencionada.

### 3. REQUISITOS:

Poseer grado de Doctor/Doctora con una antigüedad máxima de 5 años.

Productividad científica demostrable a través de publicaciones y presentación/participación en proyectos

Capacidad de liderar investigación

Alto compromiso laboral, buenas relaciones interpersonales, capacidad para trabajar en equipo

Disponibilidad inmediata

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### 4. DOCUMENTOS PARA POSTULAR:

Certificado de título y grados académicos

Currículum Vitae

Una carta de recomendación

### 5. ENVÍO DE ANTECEDENTES:

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Consultas a: [iacui@uach.cl](mailto:iacui@uach.cl)

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## **PROGRAMA DE BECAS CHILE-FRANCIA ESTADÍAS DE INVESTIGACIÓN DE DOCTORADO CONVOCATORIA 2020**

El Instituto Francés de Chile (Embajada de Francia en Chile) lanza el llamado a concurso para su programa de becas para estadías de investigación de Doctorado - 2020, dirigido a estudiantes chilenos.

### **PROGRAMA DE BECAS COFINANCIADAS:**

Las becas están otorgadas para 2 meses de pasantía en Francia para los estudiantes de doctorado, en la disciplina y el laboratorio elegido por el estudiante.

El estudiante tiene que presentarse con el apoyo financiero de un laboratorio francés o una universidad francesa de un monto mínimo de 1000 € (el apoyo puede ser en forma material, como el alojamiento, por ejemplo).

La pasantía debe realizarse entre setiembre del 2020 y febrero del 2021.

### **BENEFICIOS:**

El Instituto Francés complementa el monto otorgado por el laboratorio o la universidad de Francia para llegar a una beca de un monto total de 2600€.

### **DISCIPLINAS INVOLUCRADAS:**

Está abierto a todas las áreas del conocimiento.

### **PROCESO DE POSTULACIÓN:**

Enviar la candidatura a [ifrances.movilidad@gmail.com](mailto:ifrances.movilidad@gmail.com) (asunto "Candidatura a una beca Doctorado").

**Adjuntar los documentos siguientes:**

**DESCRIPCIÓN DEL PROYECTO (VER MODELO)**

**CARTA DE MOTIVACIÓN**

**CURRICULUM VITAE**

**2 CARTAS DE RECOMENDACIÓN DE ACADÉMICOS**

**CARTA DE COMPROMISO DE SOPORTE FINANCIERO DE LA UNIVERSIDAD O LABORATORIO**

**CARTA DE ACEPTACIÓN DEL ESTUDIANTE EN UNA ESTADÍA DE INVESTIGACIÓN EN FRANCIA**

**No se aceptarán postulaciones que no incluyan documentación completa.**

**Fecha límite de postulación:** 15 de junio de 2020

**Para más información:** [ifrances.movilidad@gmail.com](mailto:ifrances.movilidad@gmail.com)

# EMBO FUNDING OPPORTUNITIES FOR LIFE SCIENTISTS IN CHILE

## ABOUT EMBO

EMBO is an organisation of more than 1800 leading researchers that promotes excellence in the life sciences in Europe and beyond. The major goals of the organisation are to support talented researchers at all stages of their careers, stimulate the exchange of scientific information, and help build a research environment where scientists can achieve their best work.

## EMBO GLOBAL ACTIVITIES

EMBO recognises the importance of interactions within the worldwide scientific community. EMBO Global Activities promote the engagement with researchers in countries or territories covered by formal cooperation agreements. These agreements give life scientists access to EMBO Programmes and thereby catalyse scientific collaboration that connects researchers from the cooperation partners with the research community in Europe.

## COOPERATION AGREEMENT WITH ANID, CHILE

The Agencia Nacional de Investigación y Desarrollo (ANID), EMBO and the European Molecular Biology Conference (EMBC) signed a co-operation agreement in 2018 to strengthen scientific interaction and collaborative research between Chile and Europe.

As part of this agreement, the following EMBO activities are open to scientists based in Chile\*:

- Group leaders based in Chile can apply to the EMBO Young Investigator Programme or the EMBO Global Investigator Network - next application deadline: 3 June, 2020
- EMBO Fellowships: Applications are invited for Short-Term, Core Facility and Postdoctoral Fellowships - applications open all year round
- Funding to organise EMBO Courses & Workshops in Chile - application deadlines: 1 March and 1 August
- Support for keynote lectures given by EMBO Members at international conferences in Chile - application deadlines: 1 February, 1 June and 1 October
- Support for lectures given by EMBO Young Investigators at international conferences in Chile - applications open all year round
- Support for Global Lecture Series by EMBO Members or EMBO Young Investigators at research institutions in Chile - applications open all year round
- Travel stipends and fee waivers for scientists in Chile to attend EMBO Courses & Workshops in Europe

\*All applications should be addressed directly to EMBO, except when applying for travel stipends and fee waivers. These should be addressed to the organisers of the event.



## Funding for excellent life scientists

EMBO supports life scientists around the world at all career stages, with programmes that stimulate the exchange of knowledge and help to build an environment in which scientific research can thrive.

Life scientists from Chile are eligible to apply to the following programmes:

### EMBO Global Investigator Network

Funding, networking and training opportunities for group leaders in the early stages of setting up their own independent laboratories

### EMBO Postdoctoral Fellowships

Contract-based funding opportunities for postdoctoral researchers for up to two years fostering their international mobility

### EMBO Short-Term Fellowships

Funding to support international research exchanges of up to three months between laboratories

### EMBO Courses and Workshops

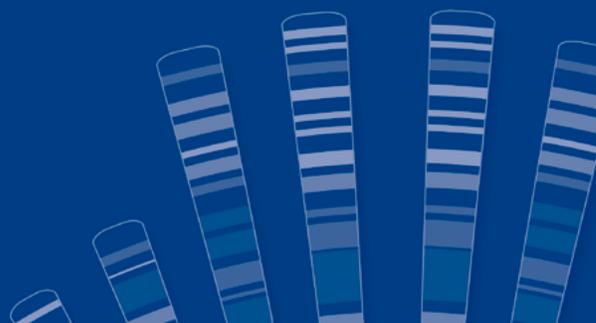
Funding for organizers of about 90 scientific meetings per year that attract more than 11,000 participants

### EMBO Core Facility Fellowships

Funding for training exchanges of up to one month between core research facilities to learn specific techniques and acquire expertise

For more information and to apply, visit [embo.org](http://embo.org)

EMBO programmes and activities are funded by





Are you a scientist or technician working in a core research facility? Would you like to visit another core facility to learn a new technique?

## **EMBO Core Facility Fellowships**

fund international training exchanges of up to one month between core research facilities. These fellowships facilitate the transfer of technology and expertise between core facilities that provide services to research institutions and universities, promoting excellence in the life sciences.

For detailed application guidelines, please visit  
**[embo.org](http://embo.org)**

EMBO programmes and activities are  
funded by

**EMBC**

## EMBO Global Investigator Network

Application deadline **3 JUNE**

## EMBO Global Investigator Network

View details and apply online [www.embo.org/funding-awards/global-investigators](http://www.embo.org/funding-awards/global-investigators)

Contact [global@embo.org](mailto:global@embo.org)

As of March 2020

# Connecting young research group leaders

Fostering networking and  
collaboration across the world



The EMBO Global Investigator Network will support the career development of the next generation of scientific leaders in Chile, India, Singapore and Taiwan by providing them with opportunities to interact and collaborate with leading scientists across international borders.

**Noel Lowndes**  
Committee Chair,  
EMBO Global Investigator Programme

## What are the benefits for EMBO Global Investigators? Funds are available for



Visiting laboratories to give a scientific seminar or to plan or continue a collaboration



Attending the biennial EMBO Global Investigator Network meeting



Training in research leadership and management skills through EMBO Lab Leadership Courses



A lab retreat



Inviting researchers to give a scientific lecture at their institute



Covering fees for publications in EMBO Press Journals



Organising joint group meetings with other laboratories



Access to childcare support when attending conferences



Attending or organising regional or international scientific meetings



For a complete list of benefits please look at the programme guide

## About the EMBO Global Investigator Network

The Global Investigator Programme was launched in 2019 to forge a network that supports the next generation of scientific leaders that have started their laboratories in EMBC Associate Member States (currently India and Singapore) or in countries or territories covered by a cooperation agreement with EMBC ([embc.embo.org](http://embc.embo.org)) (currently Chile and Taiwan). The Programme provides the selected scientists with opportunities to interact with other researchers worldwide, allowing for the establishment of cooperation.

## EMBO stands for excellence in the life sciences

EMBO is an organisation of more than 1800 leading researchers – the EMBO Members – that promotes excellence in the life sciences in Europe and beyond. The major goals of the organisation are to support talented researchers at all stages of their careers, stimulate the exchange of scientific information, and help build a research environment where scientists can achieve their best work.

[www.embo.org](http://www.embo.org)

## Eligibility and selection:

### Eligible candidates must:

- have been a group leader of a laboratory for at least one year and for less than six years on 1 January in the year of the application\*
- perform life science research in an EMBC Associate Member State (currently India and Singapore) or in a country or territory covered by a cooperation agreement with EMBC (currently Chile and Taiwan)
- have published at least one last author paper in an international peer-reviewed journal from work carried out in their laboratory

### Who selects the EMBO Global Investigators?

EMBO Global Investigators are selected by the EMBO Global Investigator Committee based on their scientific merit

\* Extended eligibility period for candidates with children or under exceptional circumstances may apply

## EMBO Courses & Workshops

"For me it was the first time as main organizer of an EMBO Practical Course and the patience and competence of the EMBO staff who helped me were outstanding. It facilitated the organization of the course tremendously."

**Frank Gabel**  
Institut de Biologie Structurale, Institut Laue-Langevin, FR  
EMBO Practical Course  
Small angle neutron and X-ray scattering from proteins in solution

## EMBO Courses & Workshops

**FUNDING FOR Practical Courses Workshops** **DEADLINE 1 March | 1 August**  
For events being held in the following year



**FUNDING FOR EMBO|FEBS Lecture Courses** **DEADLINE 1 March**  
For events being held in the following year  
[www.embo.org/funding-awards/courses-workshops](http://www.embo.org/funding-awards/courses-workshops)

**FUNDING FOR Keynote Lectures by EMBO Members** **DEADLINE 1 February | 1 June | 1 October**  
Apply at least four months in advance of meeting

**FUNDING FOR EMBO Young Investigator Lectures EMBO Global Lecture Series Science Policy Lectures Women in Science Lectures** **DEADLINE Applications accepted throughout the year.**



[www.embo.org/funding-awards/lecture-grants](http://www.embo.org/funding-awards/lecture-grants)

**FOR PARTICIPANTS Complete listing of EMBO Events**  
[www.embo.org/events](http://www.embo.org/events)



**CONTACT** [courses\\_workshops@embo.org](mailto:courses_workshops@embo.org)

As of March 2019

# EMBO Courses & Workshops AND Lecture Grants

Over **150** courses, workshops, symposia and lectures funded annually.

EMBO

EMBO

EMBO

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EMBO  
excellence in life sciences

## EMBO Courses & Workshops

### EMBO Practical Course

EMBO funds the largest number of life science meetings in Europe. EMBO Courses & Workshops provides financial support to over 90 meetings attracting more than 11,000 participants every year.

### EMBO Workshop

The consistent high quality and novelty of EMBO Courses & Workshops are ensured through a committee of EMBO Members, which selects the events that EMBO funds proposed by community members.

### EMBO | FEBS Lecture Course

Travel and childcare grants support the attendance of a diverse participant group. EMBO provides the organizer with the design of a poster, set-up of a website and registration system, and with promotion of the event.

### India | EMBO Symposium

"The workshop has been supported by EMBO for 30 years and has become a highly anticipated forum for researchers involved in the dynamic field of *Drosophila* molecular and developmental biology."

**Thomas Kaufman**  
Indiana University, US  
EMBO Workshop  
The molecular and developmental biology of *Drosophila*

## Apply for funding to organise

NEW: childcare grants available

- **EMBO Practical Courses**  
Transfer of new methods and emerging techniques  
Courses are designed to enable participants to implement the latest techniques in their home laboratories.
- **EMBO Workshops**  
Distinctive scientific meetings covering evolving areas in the life sciences  
Workshops bring scientists together to present and discuss their latest findings.
- **EMBO Global Exchange Lecture Course**  
Catalyzing scientific exchange beyond European borders  
Interactive courses exposing students to the theory of high-quality science.

### Administrative support and promotion of EMBO Courses & Workshops

- All courses and workshops listed on [www.events.embo.org](http://www.events.embo.org) and a biannual poster.
- Website and poster provided.
- On-line registration system available.
- Inclusion in EMBO events e-newsletter and EMBO poster.

## Apply for lecture grants

- **EMBO Keynote Lectures**  
A keynote lecture by an EMBO Member at a major international scientific event about their latest research.
- **EMBO Young Investigator Lecture**  
A research lecture given by an EMBO Young Investigator at national or international scientific events.
- **EMBO Global Exchange Lecture Series**  
A series of lectures at several institutions to enhance collaboration between researchers worldwide.
- **Science Policy**  
A lecture addressing the policy implications of science and technology, e.g. discussions about ethics, economics, politics, and law.
- **Women in Science**  
A lecture at an EMBO-funded event addressing issues relating to women in science.

With the exception of EMBO Keynote Lecture support, lecture grants can be applied for in addition to EMBO Courses & Workshops funding.

➤ For deadlines see back cover

## EMBO Fellowships

"Obtaining an EMBO Fellowship is not easy, but well worth the work. It allows you scientific independence, and the training and networking offered as part of the fellowship are great. The prestige helped my efforts to obtain a group leader position."

**Jens Hjerling-Leffler**  
Karolinska Institute, SE  
Former EMBO Long-Term Fellow

## EMBO Fellowships

**APPLY FOR**  
Postdoctoral Fellowships

**DEADLINE**  
Open all year

**APPLY FOR**  
Short-Term Fellowships

**DEADLINE**  
Open all year

**APPLY FOR**  
Core Facility Fellowships

**DEADLINE**  
Open all year

**APPLY FOR**  
ERS|EMBO Fellowships

**DEADLINE**  
14 January 2021 (Long-Term Fellowships)  
1 October 2020 | 1 April 2021 (Short-Term Fellowships)

**APPLY FOR**  
Advanced Fellowships

**DEADLINE**  
Spring 2021

**CONTACT**  
fellowships@embo.org  
[www.embo.org/funding-awards/fellowships](http://www.embo.org/funding-awards/fellowships)



As of March 2020

# EMBO Fellowships

**Postdoctoral Fellowships**  
Funding, networking and training

**Short-Term Fellowships**  
Funding for international research visits

**Core Facility Fellowships**  
Training exchanges for scientists and technicians

EMBO

EMBO Programmes and activities are funded by

EMBC

EMBO

EMBO Programmes and activities are funded by

EMBC

EMBO

excellence in life sciences

## EMBO Fellowships

Renowned for dedication to scientific excellence, EMBO Fellowships have supported thousands of talented young scientists since they began in the 1960s. Funded by the European Molecular Biology Conference (EMBC), EMBO now runs a range of fellowship schemes to support people working in a variety of roles within science, including researchers, technicians and clinicians.

Selected fellows receive more than an opportunity to broaden their experience and expertise; they join an active network of people working in science, in their own field and others. Some fellowships also offer training developed specifically for scientists in the early stages of their research careers.

### Apply for

Now contract-based

#### → Postdoctoral Fellowships

Postdoctoral research support for up to two years

Postdoctoral Fellowships are awarded for a period of up to two years to support postdoctoral research visits to laboratories throughout Europe and worldwide. International exchange is a key feature in the application process.

#### → Short-Term Fellowships

Short research visits for up to three months

Short-Term Fellowships fund research visits of up to three months to laboratories in EMBC Member States, Associate Member States and Cooperation Partners. This results in valuable collaborations with research groups applying techniques unavailable at the home laboratory.

NEW: Japanese Institutes eligible in 2020

#### → Core Facility Fellowships

Short training exchanges for up to one month

Core Facility Fellowships fund training exchanges of up to one month for staff working in core research facilities. The visits are for scientists and technicians to learn specific techniques and expertise which they can then implement at their home institutes.

NEW: Japanese Institutes eligible in 2020

#### → ERS|EMBO Fellowships

Bringing more clinical scientists to research

ERS|EMBO Fellowships promote collaboration between clinicians and basic life science researchers. Both long-term and short-term fellowships are offered. Applications are particularly encouraged from clinicians working in the field of respiratory medicine.

#### → Advanced Fellowships

Support for senior postdoctoral researchers

Advanced Fellowships offer two additional years of funding for EMBO Long-Term Fellows who demonstrate exceptional progress during their current postdoctoral work. They allow awardees to complete their postdoctoral research in the host laboratory and to establish their own line of research.

➤ For deadlines see back cover



# COLOQUIOS

# XVII COLOQUIOS DE MICROBIOLOGÍA VALPARAÍSO 2020

CICLO DE COLOQUIOS MENSUALES JUEVES 12:15 PM  
INGRESA A [WWW.GAMBIO.CL](http://WWW.GAMBIO.CL)

**30 ABRIL**

**Dra. Alexandra Stoll**

Centro de Estudios Avanzados en Zonas Áridas (CEAZA). La Serena, Chile  
*With a little help from my friends:  
bacterial modulation of the plant response to abiotic stress*

**25 JUNIO**

**Dra. Pilar Junier**

Université de Neuchâtel. Neuchâtel, Suiza  
*Las interacciones entre bacterias y hongos:  
del suelo a la salud humana*

**27 AGOSTO**

**Dra. Sara Cuadros**

Universidad Católica del Maule. Talca, Chile  
*Bioinformatic challenges in metagenomic studies*

**15 OCTUBRE**

**Dra. Martha Hengst**

Universidad Católica del Norte. Antofagasta, Chile  
*Desierto de Atacama: La diversidad microbiana que  
habita a la sombra de la humedad y el calor*

**17 DICIEMBRE**

**Dr. Hector Levipan**

Universidad de Playa Ancha. Valparaíso, Chile  
*Biopelículas bacterianas: la faceta más desconocida  
de patógenos acuáticos emergentes*

**28 MAYO**

**Dr. Aldo Gaggero**

Universidad de Chile. Santiago, Chile  
*SARS CoV-2, un desafío actual y futuro*

**30 JULIO**

**Dra. So Fujiyoshi**

Hiroshima University. Hiroshima, Japón  
*Characteristics of the microbial community  
in bioaerosol in Chile and Japan*

**24 SEPTIEMBRE**

**Dra. Macarena Marin**

Ludwig-Maximilians-Universität München.  
München, Alemania  
*Journey to the inside of the cell:  
how symbiotic rhizobia infects plants*

**12 NOVIEMBRE**

**Dr. William Fenical**

Scripps Institution of Oceanography.  
San Diego, Estados Unidos  
*Marine bacteria provides new opportunities in  
drug discovery*



Organizadores:  
Dr. Michael Seeger Pfeiffer (UTFSM)  
Dra. Beatriz Cámara Herrera (UTFSM)  
Dra. Carolina Yañez Prieto (PUCV)  
Dra. Verónica Molina Trincado (UPLA)