

# Group leaders

EMBL is recruiting new group leaders in its Cell Biology and Biophysics (CBB) Unit, Developmental Biology (DB) Unit, and Structural and Computational Biology (SCB) Unit.

- [The CBB Unit](#) seeks two highly motivated group leaders to carry out cutting-edge molecular cell biology research or imaging technology development. In the area of cell biology, the unit welcomes applications from scientists who plan to work in unusual – including marine – model systems, or who take a theoretical approach to modelling dynamic cell biological processes. In the area of imaging technology, the unit welcomes applications from scientists developing novel microscopy technologies to probe the molecular or physical structure and function of cells.
- [The DB Unit](#) seeks one highly motivated group leader taking original approaches to elucidate the principles of multicellular development. Of particular interest are applicants working on questions relating to the emergence of dynamic organisation, at all scales, and the interplay between living systems and their environment that underlies developmental and phenotypic plasticity.
- [The SCB Unit](#) seeks two highly motivated group leaders to address fundamental questions in structural, molecular, cellular, or environmental biology. The unit is a hub for structural cell biology, with several groups using cryo-electron microscopy (single-particle and cryo-electron tomography) as well as correlative electron microscopy and light microscopy approaches. To expand these activities, the unit seeks a group leader in the area of structural cell biology or cryo-electron tomography. The unit is also a hub for computational biology, with several groups employing (meta)genomic, transcriptomic, proteomic, and metabolomic analyses in various biological systems. To expand these activities, the unit seeks a group leader in the broad area of computational biology.

## Your role

You will establish an independent and innovative research programme, leading a research group to pursue highly ambitious and original research goals. You will be embedded in the multidisciplinary and collaborative environment of EMBL, which provides many opportunities for interaction with other research groups.

## You have

A highly original and ambitious research plan that concisely describes the background and status of the questions you will address, the experimental strategies and methods you will use, and your research goals. A PhD in natural sciences is required, and you should demonstrate a strong motivation to work in the collaborative and multidisciplinary environment of EMBL.

- For the positions in the CBB Unit, applicants with a degree in (bio) informatics/mathematics, engineering, chemistry, or physics, and a keen interest in cell biological applications of their discipline are especially encouraged to apply.
- For the position in the DB Unit, candidates with a background in physics and modelling of developmental processes, in ecology or environmental biology and development are encouraged to apply.

## EMBL's future scientific directions

EMBL's future directions include a vision to advance our understanding of ecosystems at the molecular level, applying expertise in molecular biology to study life in its natural context. New research areas will focus on applying experimental, computational, and theoretical approaches to study life at multiple levels (molecules, cells, tissues, and populations), and how organisms interact with each other and respond to environmental change. All three units will be happy to host group leaders working on activities related to the [transversal themes](#).

Location: Heidelberg, Germany  
Staff Category: Faculty Staff  
Contract Duration: 5 years (renewable)  
Grading: 9  
Closing Date: 20 September 2020

- [Planetary Biology](#) – aiming to understand how microbes, plants, and animals interact with each other and with their abiotic environments at the molecular level.
- [Microbial Ecosystems](#) – studying microorganisms in communities and how they interact with their environments, including host organisms. Infection biology will be an important focus.
- [Human Ecosystems](#) – applying computational and experimental approaches to reveal the impact of the environment on human health and physiology, both at the individual and the population level.
- [Theory](#) – using modelling, mathematical reasoning, and conceptual approaches to study complex and dynamic biological systems.

## Why join us

EMBL appoints group leaders from early in their career and provides management training and a supportive environment for your first independent position. EMBL's culture is international and highly collaborative, with cross-unit collaborations strongly encouraged.

EMBL is an inclusive, equal opportunity employer. The remuneration package comprises a competitive salary, a comprehensive pension scheme, medical, educational, and other social benefits, as well as financial support for relocation and installation, including your family, and an excellent childcare facility on campus. EMBL is committed to internationality, diversity, and equality, and encourages applications from under-represented groups.

## What else you need to know

EMBL is Europe's research laboratory for the life sciences. We are an international, innovative, and interdisciplinary organisation with more than 1 700 employees from more than 80 countries, operating across six sites in Europe: Heidelberg (headquarters), Barcelona, Grenoble, Hamburg, Hinxton near Cambridge, and Rome.

The working language of the institute is English.

In your application, you will be asked to describe your potential interests in one (maximum two) transversal themes. You are invited to apply for multiple positions if relevant.

Interviews are planned for 10–26 November 2020. The same interview conditions will be applied to all candidates, despite potential travel restrictions due to COVID-19.

Information on group leader appointments can be found at [www.embl.org/gl\\_faq](http://www.embl.org/gl_faq).

An initial contract of five years will be offered to the successful candidate. It is expected that this would be extended to a maximum of nine years, subject to external review.

Further information about the position can be obtained from [Stephanie Alexander \(CBB\)](#), [Anne Ephrussi \(DB\)](#), or [Christoph Müller \(SCB\)](#).

Please apply online at [www.embl.org/jobs](http://www.embl.org/jobs).