

INVITATION FOR APPLICATIONS (2 JAN – 5 FEB 2023)

As part of the Nordic EMBL Partnership for Molecular Medicine, the Institute for Molecular Medicine Finland (FIMM) in collaboration with the Doctoral School in Health Sciences (DSHealth) is seeking 4 outstanding candidates for positions of:

Doctoral Researchers

in Molecular Medicine and Life Sciences starting in August 2023

We currently have four openings for doctoral researchers who show outstanding potential to become independent researchers and who will significantly benefit from the FIMM-EMBL International PhD rotational training. The positions are part of the [FIMM-EMBL/DSHealth international PhD recruitment and training program](#). In this interdisciplinary program, outstanding doctoral researchers are recruited to the institute-level rotation program where they will work with two to three different research groups during a six-to-nine-month period prior to matching to a research group in which they remain for their doctoral studies. The program provides an exciting opportunity to explore and combine different research areas and working environments as well as to learn a variety of science and technologies, making connections within and beyond the institute.

Qualifications and experience

Candidates are expected to have a second cycle academic degree (MSc, MD or equivalent) in biology, biochemistry, bioinformatics, biotechnology, cell biology, computer science, forestry, genetics, mathematics, medicine, or other related fields, obtained before the start of the position (August 2023). The successful candidate will have good problem-solving, troubleshooting, and analytical skills. In addition, the candidate should be fluent in English, have good interpersonal and written and oral communication skills, and be able to work independently as well as in an international team.

Application and selection process

To apply, applicants should submit in the online system the following forms in English:

- **Application form**: opens on January 2, 2023. Applications to be submitted no later than February 5, 2023 at 23:59 Eastern European Time.
- **Referees' letters of recommendation** (2), submitted no later than February 12, 2023 at 23:59 Eastern European Time. Applicants are asked to fill in the contact information of two referees in the application form. An automated reference request will be sent by email to both referees when the applicant submits the application form.

Please note that candidates are expected to carefully follow the application instructions above. Applications submitted after the deadline, failing to meet the requirements above, or sent directly to group leaders will not be considered.

In close partnership with:



NORDIC EMBL
PARTNERSHIP FOR
MOLECULAR MEDICINE



Application review will begin after the call is closed. Top candidates will be jointly selected by FIMM and DSHealth and invited for two rounds of interviews with a selection committee in mid-March and early April 2023. The final candidates selected for the positions will be offered an initial contract for 17 months, during the first half of which they will engage in training through **research group rotations**. Upon a successful review and selection of a research group after the rotational period, the initial contract will be extended up to a four-year period.

Research organizations

FIMM is an international research institute focusing on human genomics and personalized medicine at the Helsinki Institute of Life Science of the University of Helsinki. FIMM integrates molecular medicine research, technology center, and biobanking infrastructures under one roof promoting translational research in grand challenge projects: [Human Genomics for Health and Disease](#), [Digital Diagnostics for Precision Medicine](#), [Functional Precision Medicine in Cancer](#), and [Data Science for Population Health](#). The areas of interest of the 25 research groups cover cancer, cardiovascular disease, forest pathology, and neurological and psychiatric diseases. A particular focus is to enhance the understanding of sex-based differences in health outcomes, with an emphasis on understudied or sex-biased phenotypes and disorders.

The Doctoral School in Health Sciences ([DSHealth](#)) is multidisciplinary and consists of eight internationally and nationally networked doctoral programs that approach life sciences from clinical, molecular, and behavioral perspectives. The doctoral school aims to provide systematic, efficient, and high-quality doctoral training to prepare doctoral candidates for both professional careers in research and other positions of high expertise.

More information

- [Rotation program](#)
- [FIMM, research training at FIMM, and this open call](#)
- [University of Helsinki Doctoral School in Health Sciences and doctoral programs](#)
- [University of Helsinki International Staff Services](#)

FIMM is part of the Nordic EMBL Partnership for Molecular Medicine, composed of the European Molecular Biology Laboratory (EMBL) and the centers for molecular medicine in Norway, Sweden and Denmark, and the EU-LIFE Community. In the beginning of 2017, FIMM joined the University of Helsinki's new life science research center, Helsinki Institute of Life Science (HILIFE), as an operational unit.

The Doctoral School in Health Sciences (DSHealth), University of Helsinki consists of eight networked doctoral programs. Each DSHealth doctoral candidate has a personal supervisor for scientific guidance, and a thesis committee to monitor and advise on the progress toward the doctoral degree. DSHealth course offerings and events cover academic topics as well as transferable skills and career planning. When working full time, the aim is to complete the doctoral degree in four years net time.

Helsinki, 22 December 2022
Institute for Molecular Medicine Finland (FIMM)
Doctoral School in Health Sciences (DSHealth)