



The University of Helsinki is a leading Nordic university with a strong life science research. An international academic community with a critical outlook and a creative attitude is aiming to build a better future together.

Helsinki Institute of Life Science, [HiLIFE](#), is a new life science institute at the University of Helsinki established in 2017 supporting high quality research across campuses and life science faculties. HiLIFE builds on existing strengths, new recruits and partnerships to create an attractive international environment for solving grand challenges in health, food, and environment. It coordinates research infrastructures in life sciences, provides research-based interdisciplinary training and supports researchers within its units and partner faculties.

HiLIFE operates mainly in the campuses of [Meilahti](#) and [Viikki](#). In Meilahti top-notch medical research, education and care meet daily to benefit of the patients and the entire society. Meilahti provides access to state of the art core facilities for imaging, genomics, proteomics and metabolomics, as well as bioinformatics. It is also home to the [Faculty of Medicine](#) and the [Helsinki University Central Hospital \(HUCH\)](#) which makes it an interactive research community with interests in a broad range of topics from fundamental biological research to clinical applications.

The group of Sara Wickström has just moved to the HiLIFE Meilahti campus from the Max Planck Institute for Biology of Ageing, Germany and is looking for outstanding candidates for a

PhD student in stem cell and cell mechanics research

A fully funded 4-year fellowship (with 6 month trial period) starting from 1.3.2018 or later

The successful candidate will join a young and dynamic research team in the analysis of stem cell regulation in tissue morphogenesis, maintenance and cancer. We employ a wide range of techniques, including mouse genetics, cell biology, live cell imaging, mass spectrometry and next generation sequencing to study how stem cell fate is regulated through interactions with their niche.

The applicant is required to hold a masters degree/diploma in biology, biochemistry, engineering or a related field, as well as strong written and oral communication skills. The working language of the lab is English; knowledge of the Finnish language is not necessary. Experience in one of the following methodologies: genetics, cell biology, or confocal imaging is an advantage.

To apply, please submit your application using the University of Helsinki electronic recruitment system by clicking on Apply for job. Internal applicants (i.e., current employees of the University of Helsinki) must submit their applications through the SAP HR portal. Upload a single pdf-file containing a one-page letter with a personal statement outlining your research interests and relevant work experience, your CV and bibliography, contact information for 2-3 references.

The closing date for applications is February 5, 2018.

Informal inquiries are very welcome and should be sent to [sara.wickstrom\(at\)helsinki.fi](mailto:sara.wickstrom(at)helsinki.fi). For further information about the Wickström lab see <http://www.age.mpg.de/science/research-labs/wickstroem/>