PhD student in Molecular Biology

Ref PAR 2021/1050

The University of Gothenburg tackles society’s challenges with diverse knowledge. 53 500 students and 6 500 employees make the university a large and inspiring place to work and study. Strong research and attractive study programmes attract scientists and students from around the world. With new knowledge and new perspectives, the University contributes to a better future.

Research and graduate education at the department of chemistry and molecular biology comprises a wide scientific field from the atomic and molecular levels all the way through cells to intact organisms. Much of the phenomena studied here impact on our natural environment and living systems. We participate in undergraduate programs in chemistry, molecular biology, medicinal chemistry, biology, marine sciences, and pharmacy.

A third cycle education at our department will lead to a Ph.D. in Natural sciences, or Natural sciences with a specialisation in Chemistry, Biology or Biophysics. Ph.D. studies comprises four years at the post graduate level. The time period can be extended to 5 years in total through teaching and/or other departmental duties.

Information about the research group:

The group, lead by Assistant Professor Hiroki Shibuya, is located at the Lundberg Laboratory, Medicinaregatan 9C, 413 90 GÖTEBORG, and is equipped with all necessary infrastructure to carry out the mammalian meiosis studies.

Job assignments

To carry out semi-independent research in mammalian meiosis using mouse as a model organism. This will involve the use of CRISPR/Cas9, Cre-loxP, immunohistochemistry, immunoprecipitation, RNAseq and several other basic mouse experimental methods. The applicant is expected to have expertise in cell biology and microscopy works.

Eligibility

To be eligible for third-cycle studies, the applicant must meet both the general and specific entry requirements:

A person meets the general entry requirements for third-cycle courses and study programmes if he or she:
1. has been awarded a second-cycle qualification,
2. has satisfied the requirements for courses comprising at least 240 credits of which at least 60 credits were awarded in the second-cycle, or
3. has acquired substantially equivalent knowledge in some other way in Sweden or abroad.

To meet the specific entry requirements for third-cycle studies, applicants must: (i) have a second-cycle (advanced-level) degree in a relevant* subject area in the natural sciences, or (ii) have completed studies for at least 60 higher education credits at a second-cycle level in relevant subject areas in the natural sciences, or (iii) have completed a corresponding programme of relevance to the planned third-cycle programme, in Sweden or in another country, or have equivalent qualifications.

*Relevant for the planned third-cycle education

The specific entry requirements also include an acceptable command of spoken and written English. Guidelines for assessing English proficiency may include a minimum score of 550 on the TOEFL test (or 213 on the TOEFL-CBT, or 79 on the TOEFL-iBT).

Assessment
Regulations for the evaluation of qualifications for education on a doctoral level are given in SFS 1998:80.

The successful applicant should have a Master degree. Previous experience studying mammalian meiosis is an advantage. Fluency in English is required.

Employment

Type of employment: Fixed-term employment, Four years full time
Extent: 100 %
Location: Department of Chemistry and Molecular Biology, Gothenburg
First day of employment: 1st November 2021, or as agreed.

Regulations for the evaluation of qualifications for education on a doctoral level are given in SFS 1998:80.

A new employment as a PhD student applies for a maximum of one year. The Appointment may be prolonged for up to two years at a time. The total employment period may not be longer than the equivalent of four years of full time time doctoral studies.

University applies local agreement on salaries of graduate students.

Appointment procedure

Please apply online.

The application shall include:

Cover letter with an explanation of why you apply for the position
CV including scientific publications
Copy of exam certificate
Two references (name, telephone no, relation)

Information about the appointment procedure

- The submitted applications will be evaluated by a recruiting committee. Interviews with promising candidates may be held.

For further information regarding the position

For questions regarding the position please contact Hiroki Shibuya, Assistant Prof, hiroki.shibuya@gu.se

Regarding the appointment procedure, please contact Johanna Johansson Sjölander, Postgraduate studies administrator, johanna.johansson.sjolander@cmb.gu.se

For questions regarding the third-cycle education contact Marc Pilon, Director of third cycle education, marc.pilon@cmb.gu.se
Questions regarding the employment: hr@cmb.gu.se

The Head of the department of Chemistry and Molecular Biology is Markus Tamas, markus.tamas@cmb.gu.se

Unions

Union representatives at the University of Gothenburg: http://www.gu.se/english/about_the_university/job-opportunities/union-representatives
How to apply

In order to apply for a position at the University of Gothenburg, you have to register an account in our online recruitment system. It is the responsibility of the applicant to ensure that the application is complete in accordance with the instructions in the job advertisement, and that it is submitted before the deadline. The selection of candidates is made on the basis of the qualifications registered in the application.

**Closing date:** 30th of September, 2021

*The University of Gothenburg promotes equal opportunities, equality and diversity.*

*Salaries for doctoral students are regulated in a local agreement at the University.*

*Applications will be destroyed or returned (upon request) two years after the decision of employment has become final. Applications from the employed and from those who appeal the decision will not be returned.*

In connection to this recruitment, we have already decided which recruitment channels we should use. We therefore decline further contact with vendors, recruitment and staffing companies.