

Postdoctoral Research Fellow in Reproductive Toxicology

Karolinska Institutet, Swedish Toxicology Sciences Research Center

Swedish Toxicology Sciences Research Center (Swetox) is a center for interdisciplinary research and education in toxicology sciences based on a collaboration between eleven Swedish universities, i.e. University of Gothenburg, Karlstad University, Karolinska Institutet, Royal Institute of Technology, Linköping University, Lund University, Swedish University of Agricultural Sciences, Stockholm University, Umeå University, Uppsala University and Örebro University, with its hub at Swetox Södertälje.

The vision of Swetox is “A chemical safe world”. The aim is to contribute to the development of safe chemicals, a sustainable environment and improved human health. Swetox also aims to facilitate academic education in toxicology sciences in Sweden and to meet societal needs for improved decision making in the areas of chemicals, health and environment.

For more information about Swetox and current research projects, visit www.swetox.se

Research environment

The project will be carried out with Assoc. Prof. Pauliina Dandimopoulou as PI at the Swetox facilities in Södertälje, and at the Division of Obstetrics and Gynecology at the Department of Clinical Science, Intervention and Technology (CLINTEC) on KI campus in Huddinge.

Swetox Södertälje comprises 40 employees including administrative and technical personnel, research and education coordinators, and research group leaders. One of the research focuses is endocrine disrupting chemicals. Research and education at the Division of Obstetrics and Gynecology are focused on the many aspects of women’s reproductive health as well as fetal physiology. The unit has over 50 employees. The PI works in close collaboration with Prof. Outi Hovatta and her team at the stem cell laboratory.

The project

The successful candidate will work within a Horizon 2020 project EDC-MixRisk. EDC-MixRisk is based on close collaboration between epidemiologists, experimental researchers and risk assessors, and focuses on endocrine disrupting properties of chemical mixtures (edcmixrisk.ki.se).

The position

Full time position for 1.5-years as a postdoctoral researcher at Swetox Södertälje. Part of the work will be carried out at CLINTEC.

Areas of responsibility

The work includes testing the effects of chemical mixtures on human ovarian follicle viability and maturation in tissue culture. The project will start with an assessment of different culture conditions, and continue by testing effects of chemicals. Follicle viability and maturation will be evaluated through histology, hormone excretion, immunostainings and gene expression analysis. The candidate is expected to plan and carry out experiments independently.

Entry requirements

To qualify for this position, applicants must hold a PhD in biomedicine, toxicology or a related scientific field, no more than seven years before the application deadline.

You have experience with common molecular biological and biochemical techniques and solid expertise in primary organ/tissue/cell culture. It is highly advantageous if you are knowledgeable in endocrinology, endocrine disruption and/or female reproductive biology, or have experience in cell isolation techniques and transcriptome analysis.

As the work will be carried out in an international interdisciplinary environment, excellent oral and written communication skills in English are a required.

Personal skills

You are a highly motivated person with original and analytical thinking and team spirit. In addition, you have an effective and structured way of working and possess coordination and communication skills relevant to the position. It is also important that you take initiative and have ability to work independently, but also function well as a part of a team.

Application process

An employment application must contain the following documents in English:

1. A cover letter summarizing your key qualities that make you the ideal candidate for the announced position (max 1 page)
2. A complete curriculum vitae, including education, date of the thesis defence, title of the thesis, previous academic positions, current position, and academic distinctions (max 2 pages)
3. A summary of current work (max 1 page)
4. A complete list of publications
5. Verification from the thesis defence committee or the equivalent (only if the thesis defence is scheduled within three months after the application deadline).

Do not attach copies of original certificates or diplomas to the application, or copies of theses or publications. These will be asked for separately later on, if needed.

The application is to be submitted on the MyNetwork recruitment system.

Pursuant to the regulations of the Swedish National Archives, applications are kept on file for two years after the appointment has gained legal force. The regulations do not apply to attachments that have been printed or otherwise published.

Karolinska Institutet and Swetox strive to provide a workplace that has approximately the same number of women and men, is free of discrimination and offers equal opportunity to everyone.

For temp agencies and recruiters, and to salespersons: We politely, yet firmly, decline direct contact with temp agencies and recruiters, as well as those selling additional job announcements.

Type of employment	Postdoctoral studies.
Working hours	Full time
Reference	2-3882/2015
First day of employment	January 2016
Published	2015-11-07
City	Södertälje
Last application date	2015-11-30
County	Stockholms län
Country	Sweden
Contact	Pauliina Damdimopoulou +46 70 93 900 93
Union representative	Andreas Nyström, SACO andreas.nystrom@ki.se
Link to ad	http://ki.mynetworkglobal.com/what:job/jobID:79425/