Announcement: Post-doctoral scholarship in leukemia research in Lund, Sweden

Scholarship

Project description
A post-doctoral research position is available in Dr. Anna Anderson laboratory at the Division of Clinical Genetics, Lund University, Sweden (Orcid: 0000-0002-2904-1311). The Department of Clinical Genetics in Lund is one of the strongest research environments in cancer genetics. We study malignant hematopoiesis including both basic- and clinical translational research. The research group focuses on understanding why leukemia arise and how it best can be treated by using genome-wide methods to characterize the complement of genetic and epigenetic lesions that underlie leukemogenesis and to functionally characterize leukemia-associated genes in experimental animal models. The research group works closely with other national and international research groups allowing for scientific interactions. The position will provide excellent opportunities for continuous education (internal and external), research seminars and participation in conferences.

You should be able to independently plan and execute your own research project, summarize results and present your data at scientific seminars. The projects will primarily involve genome-wide studies of leukemia samples, also at the single-cell level, as well as experimental studies of pertinent lesions in primary murine and human cells, cell cultures, murine transplantations/injections, blood sampling and characterization of the leukemias with flow cytometry and next-generation sequencing. Finally, central molecular genetics methods including PCR, sequencing and cloning will be used, thus, it is fundamental that you have excellent laboratory skills.

Qualifications required

You should have a strong scientific background preferably within cancer research. You need to have excellent theoretical and practical experience of relevant methodologies. You should be able to independently plan experiments, perform research and interpret data. This means that you should independently be able to find new knowledge and incorporate new knowledge in your research, interpret
your data and plan and execute laboratory tasks. Both practical and theoretical duties will be performed with close colleagues, thus you have to be a good team player. The research primarily includes next-generation sequencing, experimental animal models and flow cytometry, thus prior experience of these methods are a strong merit as well as prior experience in supervising. The ability to perform research independently and accurately is an absolute requirement as well as good written and oral communication skills in English, and you need to be a good team player.

The applicant should not have been employed by Lund University within the last two years in order to be able to receive a scholarship. PhD degree should not be more than three years old at the last day of applying.

**Placement:** Division of Clinical Genetics  
**Ref No:** V 2017/1719  
**Duration:** 24 months  
**Starting time:** 2018-02-15 or according to agreement  
**Last day for applying:** 2018-01-31

**For further information please contact:**  
Dr Anna Andersson Hagström  
anna.andersson@med.lu.se

**Other**  
Lund University encourages both men and women to apply for the position.

**Information regarding post doc scholarships at Lund University**  
• The scholarship amounts to 23 000 SEK/month and is normally paid three months in advance.

• The scholarship is intended for the recipient’s own education and does not constitute compensation for work carried out for the University.

• The scholarship is a grant and therefore not subjected to tax deduction.

• The scholarship does not entitle the recipient to compensation in case of illness.

• The scholarship does not constitute a pensionable income.

• The scholarship does not entitle the recipient to vacation.

• The scholarship does not include financial compensation for parental leave.

• The scholarship does not entitle the recipient to allowance during travels in the line of duty.
• The scholarship awarded is to be reviewed by the head of department every six months and the supervisor is to inform the head of department before each review of any significant circumstances.

• Scholarships set up by Lund University for any individual may not run for a period of more than 24 months.

• The scholarship follows the regulations established by the Vice-Chancellor of Lund University (June 27th 2013; Reg. No PE 2013/356).