Announcement: Post doc scholarship in Computational Genomics, Bioinformatics

Lund University hosts one of the leading hematology research environments in Europe. The environment involves some 200 researchers and students at the Biomedical Center (BMC). It is located in close proximity to the University Hospital, and is equipped with multiple technical platforms to support cutting-edge research in hematology.

Scholarship
We are looking for a skillful, ambitious and highly motivated postdoc to the Division of Hematology and Transfusion Medicine, Department of Laboratory Medicine, Lund University. We aim to find out how genetic variation influences blood cell formation and blood cancer risk and the team includes computer scientists, clinicians, and molecular biologists that work closely together. Our output includes clinically implemented discoveries, and publications in top-tier journals like Nature Genetics, Nature Communications, EMBO Molecular Medicine, and Blood.

The aim of this project is to discover genetic variants influencing human hematopoiesis. For this, we will perform a genome wide association study of blood cell populations across the hematopoietic hierarchy.

We are currently looking for a highly motivated researcher with a background in computational genomics, particularly analysis of next-generation sequencing, genome-wide association data, and variant interpretation. The successful applicant particularly focuses on developing and applying computational methods to integrate complex, multi-dimensional phenotype data with high-dimensional genomic data. The scholarship should be used for 2 years postdoctoral studies for one applicant.

Qualifications required
Applicants must have completed a Ph.D. in a relevant subject, and must have documented solid experience in computational biology/genomics, preferably with applications to human genetics. Priority will be given to applicants with experience in large-scale analysis of genomics data,
preferably next-generation sequencing and/or genome-wide association data with variation interpretation and sequence analysis. Solid experience of programming, data mining and machine learning is a requirement. Personal suitability, excellent interpersonal skills, and communication skills are a prerequisite. Applicants need to fulfill the formal requirements for a postdoc scholarship at Lund University. The applicant should not have been employed by Lund University within the last two years in order to be able to receive a scholarship. Ph.D. degree should not be more than three years old at the last day of applying.

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Placement: Department of Hematology and Transfusion medicine
Ref No: V2018/226
Duration: 24 months
Starting time: 2018-06-01 or according to agreement
Last day for applying: 2018-02-19

For further information please contact:
Björn Nilsson, bjorn.nilsson@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 24 000 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).

Application
Application stating the reference number V 2018/226 and containing a CV, a personal letter, proof of dissertation and relevant documents should be addressed to: anna-karin.wihlborg@med.lu.se

Last day of application is 2018-02-19