Post doc scholarship in Computational Genomics, Bioinformatics

We are inviting applications for a two-year fulltime postdoctoral scholarship within the research project “BloodVariome”, funded by the European Research Council (ERC).

We are searching for a highly motivated post doc in computational genomics/bioinformatics. The successful applicant will join the research group of Björn Nilsson at the Department of Laboratory Medicine at Lund University. The project aims to explore new methods and high-dimensional genomic data to identify genetic variants influencing blood cell formation and blood cancer risk. The candidate must be creative and motivated with demonstrated ability to develop and apply new concepts, methodologies, and approaches for problem solving. The scholarship should be used for 2 years postdoctoral studies.

The research group focuses on malignant blood disorders, and their genetic basis. 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.*

Lund University hosts one of the leading hematology research environments in Europe. We offer a stimulating environment consisting of more than 200 researchers and students and equipped with multiple technical platforms to support cutting-edge research in hematology.

The “BloodVariome” project, is funded by ERC under the European Union’s Horizon 2020 research and innovation programme (grant agreement No 770992).

**Qualifications**

To be eligible for a post doc scholarship at Lund University the recipient must hold a PhD degree within a relevant field and must have solid experience in computational biology/genomics, preferably with applications to human biology. 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. Applicants also need to show personal suitability, including excellent communicative and collaborative skills.

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:** Department of Hematology and Transfusion medicine  
**Ref No:** V 2018/1613  
**Duration:** 24 months  
**Starting time:** 2019-01-01 or according to agreement  
**Last day for applying:** 2018-10-31

For further information regarding the position, please contact Björn Nilsson at bjorn.nilsson@med.lu.se.

**Application**
The written application should state the reference number V 2018/1613 and include a CV, a personal letter stating the reasons why the study suits the applicant, list of publications, proof of dissertation, and other relevant documents and contact information to three references. The application should be addressed to bjorn.nilsson@med.lu.se.

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

**Information regarding postdoc 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).

More information about insurance for scholarship holders: [https://www.staff.lu.se/employment/for-international-staff/insurance-for-international-staff/insurance-for-scholarship-holders](https://www.staff.lu.se/employment/for-international-staff/insurance-for-international-staff/insurance-for-scholarship-holders)

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