Announcement: Post doc scholarship in Cancer Research

Lund University was founded in 1666 and is repeatedly ranked among the world’s top 100 universities. The University has 40 000 students and 7 400 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition.

The Faculty of Medicine is a part of Lund University, and is responsible for education and research within medicine and healthcare. Our academic programs are closely linked with the healthcare system and are firmly anchored in the faculty’s strong research tradition. Our research spans a broad field within experimental preclinical research, near-patient clinical research and health sciences research. The Faculty of Medicine, with its 1,800 employees and 2,700 students in Lund and Malmö, is a knowledge-intensive meeting place for students, teachers and researchers from all over the world.

The Department of Laboratory Medicine is one of six departments at Lund University’s Faculty of Medicine. We conduct leading research, both broad and specialized, within the field of laboratory medicine, focusing on the onset of disease and how we can improve diagnostics and treatment for patients. Some of our strongest areas are world-class research within cancer, genetics and blood.

Scholarship
High-risk neuroblastoma is a childhood cancer with poor prognosis and there is a need for novel treatment strategies. We have recently established and characterized several neuroblastoma orthotopic patient-derived xenografts (PDXs). These PDXs retain the genotype, phenotype, tumorigenic, and metastatic properties of the tumors from which they were derived, making them authentic models for studying and targeting neuroblastoma metastasis and resistance (Braekeveldt et al., 2015&2016).

Our overall aims are to unravel mechanisms leading to metastasis and treatment resistance of neuroblastoma, and to test compounds targeting aggressive neuroblastoma. We perform molecular and functional studies of primary and metastatic tumor cells, as well as in vitro and in vivo drug
testing using PDXs as model system. Methods include cell- and molecular biology techniques, RNA-sequencing, cell culturing, immunohistochemistry, in vitro drug testing, in vivo work including in vivo imaging.

We are looking for a highly motivated and ambitious postdoc interested in joining our team.

**Qualifications required**
1. The applicant should be able to conduct projects independently and critically
2. Broad experience in cancer research
3. Substantial experience in cell- and molecular biology techniques, cell culturing methods, immunohistochemistry, in vitro and in vivo drug testing
4. Excellent communication skills and be able to interact efficiently in a team
5. Personal suitability is very important
6. Excellent spoken and written English
7. PhD degree in a relevant subject within the last three years (after 2015-04-30)

The applicant should not have been employed by Lund University within the last two years in order to be able to receive a scholarship.

**Placement:** Bexell Lab, Division of Translational Cancer Research, Department of Laboratory Medicine at Lund University, Lund, Sweden

**Ref No:** V 2018/486

**Duration:** 24 months

**Starting time:** 2018-08-20

**Last day for applying:** 2018-05-04

**For further information please contact:**
Daniel Bexell
daniel.bexell@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 payed 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 2018/684 and containing a CV, a personal letter, proof of dissertation and relevant documents should be addressed to: daniel.bexell@med.lu.se

Last day of application is 2018-05-04