Announcement: Post doc scholarship for studies of hematopoietic stem cells in Chemotherapy

Scholarship
We are seeking a highly motivated and ambitious postdoctoral fellow to join our team at the Department of Laboratory Medicine at Lund University, Sweden. The project will be conducted in the newly formed research group of Dr. Valgardur Sigurðsson and supervised by him. The aim of the research project is to identify unknown key regulators of hematopoiesis and lineage fate choices under stress and recovery. In addition, novel mechanisms to boost recovery after chemotherapy to prevent prolonged myelosuppression will be of special interest. The specific focus of the position is to study cell and molecular biology of murine hematopoietic stem/progenitor cells in order to identify novel regulators under chemotherapy / inflammation stress.

The world-renowned blood and stem cell research environment at the Department of Laboratory Medicine includes the Lund Stem Cell Center with close interactions between around 150 researchers with a focus on stem cell biology of the blood and nervous system. The candidate will be an active part of a stimulating and highly interactive international research environment.

Qualifications required
Candidates are expected to have a strong background in cell biology and molecular biology, especially in murine hematopoietic stem cell biology. Knowledge in hematopoiesis and inflammation is an advantage.

Essential skills and requirements:
- Experience in handling mice is essential
- Ability to analyze and sort cells using flow cytometry is required
- Experience in analyzing hematopoietic stem cells is an advantage
- Hands-on experience with molecular biology and protein biochemistry is essential
- Experience from work with blood cells and their development is an advantage
- Experience from work with bioinformatic methods and statistics is desirable
• Familiarity with different software packages used in the above-mentioned fields is required
Candidates must be highly motivated to pursue postdoctoral studies within an interactive research team. Abilities to work independently as well as part of a team are essential. Excellent verbal and written communication skills in English are required for consideration.

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 Molecular Medicine and Gene Therapy
Ref No: V2020/407
Duration: 2 years
Starting time: 2020-07-01 or as agreed
Last day for applying: 2020-05-01

For further information please contact:
Valgardur Sigurdsson, PhD (valgardur.sigurdsson@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 25000 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 2020/407 and containing a personal letter, CV including list of publications and names and contact information of at least two reference persons, as well as proof of dissertation should be sent to: valgardur.sigurdsson@med.lu.se.

**Last day of application is 2020-05-01**