Announcement: Post doc scholarship in Cancer biology

Scholarship
We are looking for a highly motivated and dynamic postdoc, with specific skills to undertake studies into how the STRIPAK complex is perturbed in cancer. The project will cover both in vitro and in vivo experimentation and have two major aim: 1) peri-nuclear cytoskeletal re-organization during cell migration in confined environments and 2) peri-cellular matrix degradation during cancer cell migration and metastasis of breast cancer. The person will also help to develop specific matrix-degradation probes for the application of multispectral optoacoustic tomography (MSOT) imaging, a non-invasive whole animal imaging modality.

Qualifications required
We expect the applicant to be a highly motivated and highly ambitious scientist with the following qualifications:

• A PhD in Natural Science (physical or life science)
• Documented experience with animal tumour models
• Documented experience with basic biochemical and molecular biology
• Documented experience with RNAi in cells
• Documented experience with real time imaging using confocal microscopy
• Documented experience with post-processing and image analyses
• Knowledge about work on the cytoskeletal network
• Knowledge of matrix degradation assays and MMP activity assays
• Knowledge with cloning and CRISPR technology
• Knowledge of general cytoskeletal regulation i.e. RhoGTPases etc.
• Knowledge of microfluidics and nanotechnology

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 Laboratory Medicine, Translational Cancer Research unit at Medicon Village, Lund, Sweden
Ref No: V2019/1701
Duration: 2 years
Starting time: 2020-01-01
Last day for applying: 2019-10-22

For further information please contact:
Chris D. Madsen
chris.madsen@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 2019/1701 and containing a CV, a personal letter, proof of dissertation and relevant documents should be addressed to: chris.madsen@med.lu.se

Last day of application is 2019-10-22