

Postdoc fellowship in brain tumor and neural stem cell research

Lund University, located across the bridge from Copenhagen Airport, is Scandinavia's largest institution for education and research in areas including technology, science, law, social sciences, economics, medicine, humanities, theology and performing arts. The University has around 40,000 students and 6,000 employees. The Lund Stem Cell Center (<http://www.med.lu.se/stemcellcenter>), a part of Lund University consisting of internationally competitive research groups and more than 140 people under one roof, is a strong international research environment with a focus on stem cell and developmental biology of the blood and central nervous system, cancer stem cell biology, and development of stem cell and cell replacement therapies in these organ system. The Center was established as one of six Centers of Excellence in life science in Sweden and is one of the largest and leading stem cell centers in Europe.

The Lund Stem Cell Center offers regular seminars in the fields of hematopoiesis, cancer stem cells, neurobiology and developmental biology. In addition, workshops and lectures given by international speakers are organized. A research school in stem cell biology offers courses for Master students, PhD students and Postdocs (http://www.med.lu.se/labmedlund/lund_stem_cell_center/research_school).

There is a Postdoc fellowship available in the Stem Cell Gene Regulation Group. Projects in this group focus on the molecular mechanisms of brain tumor development from normal neural stem/progenitor cells, on self renewal mechanisms of brain tumor stem cells, and on spinal cord ependymal cells.

We are looking for an enthusiastic and committed Postdoc with team players skills. The project will involve the use of state-of-the-art and cutting-edge technologies such as cell isolation using FACS, viral vector mediated gene over-expression and knockdown, intracranial transplantation models, qPCR and microarray gene expression analyses.

Applicants should have a strong background in molecular and cell biology. Interested candidates should send their application with CV and contact information of reference persons to: Ulrike Nuber (ulrike.nuber@med.lu.se)