



Post doc position at Lund Stem Cell Center

Postdoctoral Fellowship in the Endocrine Cell Differentiation and Function group

Research Environment:

Lund Stem Cell Center is an internationally ranked research center in the strategic areas of Stem Cell Biology and Regenerative Medicine within Lund University, Scandinavia's largest institution for education and research. The Lund Stem Cell Center is a strong international research center with a focus on stem cell and developmental biology, development of stem cell and cell replacement therapies, as well as research in non-mammalian model systems.

Beta cell replacement therapy is the only available cure for type 1 diabetes. Unfortunately, donor material is scarce and large efforts are made to develop beta cells from stem cells. Understanding the mechanisms underlying embryonic beta cell development and adult beta function will be a prerequisite for the development of a universally available cell replacement therapy in diabetes. Thus, our research aims to understand the molecular and cellular mechanisms that control pancreatic beta cell maturation and function in the embryonic and adult pancreas. We use genetic engineering in mice as well as biochemical, live cell imaging, and sequencing methods to understand beta cell development and function.

For more information on Lund Stem Cell Center and the groups please visit our webpages: <https://www.stemcellcenter.lu.se/>, <https://www.stemcellcenter.lu.se/research-groups/endocrine-cell-differentiation>

Position:

One post doc fellowship is available immediately in the Endocrine Cell Differentiation and Function group. We are looking for a highly motivated recently graduated (within 3 years) top-level PhD with a strong background from the developmental biology, cell biology, and/or physiology fields. Hands on experience working with mouse embryology, histology, live cell imaging, physiology, and molecular biology are meriting.

The lab is focused on using novel sequencing and physiology techniques to study beta cell development and function.

We offer the opportunity to be part of cutting-edge research and a vibrant scientific community, at an internationally renowned stem cell center. We will be continuously evaluating applications until the position is filled. Starting date is available immediately but flexible.

Interested candidates should send cover letter, CV, list of publications and contact information to three references to Isabella Artner (Isabella.artner@med.lu.se)

Address: Klinikgatan 26, BMC, B10, 221 84 Lund, Sweden. Telephone +46 (46 222 3829 Fax +46 (46) 222 36 00

Email: isabella.artner@med.lu.se Internet: <https://www.stemcellcenter.lu.se/research-groups/endocrine-cell-differentiation>