

Friedrich Miescher Institute and University of Basel

Scientist position – Three-dimensional electron microscopy

The Friedrich Miescher Institute and the Systems Biology Center for Imaging and NanoAnalytics (CINA) of the University of Basel are establishing a facility for serial block face scanning electron microscopy to perform 3-dimensional reconstructions of tissue ultrastructure in biological samples. For this purpose, we are seeking an

Electron microscopist

with a doctorate in biology, physics or a related discipline. We invite applications of candidates with a strong and broad background in electron microscopy including the preparation of tissue sections and staining techniques. The scientist should have an open personality and interact with research groups on campus in the planning of projects. Service functions include the operation of the instrument, help with sample preparation, and interfacing to image analysis specialists. In addition, the scientist may pursue her/his own scientific interests. The postdoctoral position will initially be awarded for 2 years but may become permanent, contingent upon the successful development of the project.

The Friedrich-Miescher-Institute, part of the Novartis Research Foundation, is an international biomedical research centre that pursues basic research in neurobiology, growth control, and epigenetics (for further information see <http://www.fmi.ch>). The mission of the newly founded CINA project is to develop novel analytical tools to determine the proteome of single cells, and to visualize single cells and their constituents at nanometer to atomic scale resolution. Both institutes are situated nearby on the same campus in Basel, Switzerland, a city offering an outstanding scientific and cultural environment in the centre of Europe.

Formal applications, including a CV, contact details of three referees and a concise description of research interests should be addressed to:

Professor Susan Gasser, Director
Friedrich Miescher Institute
Maulbeerstrasse 66
4058 Basel, Switzerland

The closing date for applications is: 31 May 2007