



UPPSALA
UNIVERSITET

Personalavdelningen

Postdoc/Researcher in Biology focusing on cryo-EM development

Program of Molecular Biophysics, ICM, Uppsala University

Our research program is multidisciplinary, focused on structural and functional aspects of viruses and macromolecular complexes using X-ray/X-ray laser methods, cryo-EM, MD simulations and other imaging techniques. Understanding biological mechanisms in atomic detail will give rise to new scientific hypotheses to explain the fine details of the macromolecular machinery.

Program Homepage: <https://www.icm.uu.se/molecular-biophysics>

Short project description

We seek for 2-year postdoc/researcher supported by Carl Tryggers scholarship. As a research fellow within this project you will be a part of developing sample injection methods for time-resolved cryo-EM using our established electrospray, gas dynamic virtual nozzle (GVDN), or the new liquid sheet. The research fellow is also expected to prepare cryo-EM samples and grids, collect and analyze the cryo-EM data.

Requirements/Merits

The research fellow should have a doctoral degree from an institution other than the host institute. Unless there are particular circumstances, the doctoral degree cannot be older than 6 years at the time of admission. The person of merits is who has an academic background in structural biology, particularly cryo-EM microscopy. However, other academic background with appropriate experiences will also be considered as equivalent. The candidate should be able to work well as part of a team but also independently, and be proficient in both written and spoken English.

Scholarship: Carl Triggers Stiftelse

Starting: As soon as possible or as otherwise agreed.

Type of employment: 2 years

Working hours: fulltime 100 %

For further information about the position, please contact

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