

# Postdoctoral Fellow in Membrane Protein Structural Biology

at DBB. Closing date: 24<sup>th</sup> September 2024.

## Project description

The project is focused on determining the structure and function of secondary-active solute protein carriers.

## Main responsibilities

We are looking for a biochemist with a focus on membrane protein structural biology, with experience working with transporter proteins. The work includes planning and running research projects, which aim to determine the structure and function of secondary solute protein carriers and their dynamics. Supervision of doctoral students and other participants in the project is also required. Experience of working with transport proteins; production, isolation, functional studies and cryo EM are requirement.

## Assessment criteria

The degree must have been completed at latest before the employment decision is made, but no more than three years before the closing date. An older degree may be acceptable under special circumstances. Special reasons refer to sick leave, parental leave, elected positions in trade unions, service in the total defense, or other similar circumstances as well as clinical attachment or service/assignments relevant to the subject area.

Very good knowledge of English, both spoken and written, is a requirement, as is the habit of giving research presentations and documenting the work. Experience in supervising students and technical staff is also important. Personal qualities important to this position are the ability to work independently as well as in collaboration with other team members to achieve common goals. In the appointment process, special attention will be given to research skills. In the appointment, special weight will be attached to scientific ability. Ability to use cryo EM to analyze membrane protein structure of membrane proteins as well as production of membrane proteins is required.

## Terms of Scholarship

The position involves full-time scholarship for one year. Start date as per agreement. Scholarship amount 35.000 SEK/month

## Application

Apply for the position by sending an e-mail with the application to [david.drew@dbb.su.se](mailto:david.drew@dbb.su.se) and [louise.lehto@dbb.su.se](mailto:louise.lehto@dbb.su.se).

Please include the following information with your application

- Your contact details and personal data
- Your highest degree
- Your language skills
- Contact details for 2–3 references

and, in addition, please include the following documents

- Cover letter
- CV – degrees and other completed courses, work experience and a list of publications
- Research proposal (no more than 3 pages) describing:
  - why you are interested in the field/project described in the advertisement
  - why and how you wish to complete the project
  - what makes you suitable for the project in question
- Copy of PhD diploma
- Letters of recommendation (no more than 3 files)
- Publications in support of your application (no more than 3 files).

**You are welcome to apply!**