**PhD position in Biochemistry: BRICHOS - An amyloid protein folding machine**

**Application deadline:**
- April 11th, 2022
- Evaluation: April 15th, 2022
- Start date: Flexibility

**About the position:**
The research group has several ongoing projects on amyloid formation and protein misfolding diseases. We are now looking for a new PhD student to join the group at Karolinska Institutet. The student will focus on the folding machine of the BRICHOS protein, which is a main driver for amyloid formation and is believed to be involved in neurodegenerative diseases.

**Main responsibilities:**
- Performing research on the folding machine of the BRICHOS protein
- Planning and analyzing experimental data
- Developing and conducting biochemical and biophysical experiments
- Writing up results in scientific publications

**Eligibility:**
- Master's degree or equivalent in biochemistry, biophysics, biotechnology, life science, biomedicine, or similar topics
- Excellent written and oral English skills
- Ability to work independently

**Application process:**
- Submit a detailed CV and cover letter
- Attach copies of degree certificates and any other relevant documents
- Follow the instructions on the website

**Contact:**
- Janne Johansson, Professor, +46-70-3457048
- Henry Wölling, SEKO, +46-8-52484080
- Follow the instructions on the website

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**About the University:**
Karolinska Institutet (KI), one of the world’s leading medical research institutions, is located in Stockholm, Sweden. As a doctoral student you are offered a creative and inspiring environment full of expertise and curiosity. KI is one of the world’s leading biomedical research institutions, and its mission is to contribute to better health for all. The Department of Biosciences and Nutrition plays a crucial role in this vision, focusing on key areas such as nutrition, epigenetics, structural biochemistry, cellular virology, and nutrition. It offers excellent opportunities to perform cutting-edge research in a friendly and inspiring work environment, learn state-of-the-art biochemical and biophysical techniques, and contribute to top quality medical research.

**What do we offer?**
- A creative and inspiring environment full of expertise and curiosity
- Networking opportunities for collaboration with other research groups
- Excellent opportunities to perform cutting-edge research
- Access to state-of-the-art facilities and equipment
- Competitive salaries and benefits

**Application:**
You are encouraged to apply if you meet the specific eligibility requirement for doctoral/third-cycle/PhD education. If you claim equivalent knowledge, you must follow the instructions on the website.

**Eligibility requirements for doctoral education:**
In order to participate in the selection for a doctoral position, you must meet the following general (A) and specific (B) eligibility requirements for doctoral education.

**A) General eligibility requirement**
1. You meet the general eligibility requirement for doctoral education in Sweden if you:
   - have acquired a Swedish second-cycle/first-degree qualification (i.e. bachelor’s degree), or
   - have been awarded a second-cycle/advanced/master qualification (i.e. master degree), or
   - have acquired substantially equivalent knowledge in some other way in Sweden or abroad.

**B) Specific eligibility requirement**
1. You meet the specific eligibility requirement for doctoral education in Sweden if you:
   - have been awarded a second-cycle/first-degree qualification (i.e. bachelor’s degree), or
   - have been awarded a second-cycle/advanced/master qualification (i.e. master degree), or
   - have acquired substantially equivalent knowledge in some other way in Sweden or abroad.

*If you claim equivalent knowledge, follow the instructions on the website Entry requirements (eligibility) for doctoral education.

**Terms and conditions**
The doctoral student will be employed on a doctoral studentship maximum 4 years full-time. Terms and conditions for doctoral education are regulated by the Higher Education Act 2005:164 and the Research Council’s rules for doctoral education.

**Application procedure**
- Submit application and supporting documents through the Karolinska portal. Read carefully the instructions to make sure that you meet the eligibility requirements.
- Your application must contain the following documents:
  - A personal identification number
  - Application and application form
  - A personal statement (max. 1000 words)
  - Publications and any other relevant research documents

**Selection:**
Selection is made among all applicants who have met the eligibility requirements. The selection is made on the basis of the applicant’s potential to complete the project successfully and the qualities that are considered relevant for the specific project.

**Contact:**
If you have any questions regarding the application procedure, please contact the group leaders.

**Application form:**
Follow the instructions on the website.