

## **Professor in Protein Science**

Department of Biotechnology and Biomedicine at the Technical University of Denmark invites applications for a position as professor in Protein Science. The position will be placed in our section for Protein Science and Functional Network Biology with about 30 staff members.

The section employs tools within protein structure, function, engineering and molecular interactions as well as proteomics, genomics and immunology to exploit biotechnological and therapeutic potential in relation to enzymatic biomass-processing, food-related biophysics and biomaterials, interplay of diet, host and gut microbiota, and innate immune system and lifestyle diseases. The section also teaches Bachelor and Master students within the areas of Biotechnology, Biochemistry and Molecular Biology. The section has extended international and national collaborations including industrial and clinical partners.

### **Responsibilities and tasks**

The successful candidate is expected to contribute through forefront research and innovation within at least one of the areas of our Protein Science mentioned above and also to lead further developments of our engineering education within the area of Biochemistry and Protein Science.

Research activities are expected to link to other relevant engineering areas in the department.

The new professor in the section will be expected to enter into collaborative projects with groups from the department and relevant DTU departments (DTU Vet, DTU Food, DTU Chemistry, DTU Biosustain, DTU Bioinformatics and DTU Nanotech). The aim will be to complement existing competences and thereby create synergies with state of the art methodologies in protein structure/design, protein chemistry and/or proteomics to advance existing research agendas and create new ones.

The successful candidate is expected to take a lead position in teaching at the bachelor-, master- and PhD levels.

### **Qualifications**

Candidates should have obtained well-documented international recognition within one or more of the above mentioned research themes, raised grants and mentored young researchers. The successful candidate should also be able to document teaching experience at all university levels (bachelor-, master- and PhD) in one or more areas of protein chemistry, including protein function and computational design, structural biology and biochemistry and take a lead in ensuring the reflection of Protein Science research in courses run by the department. The aim is to secure visibility of this major research area in the department's course portfolio and to educate Bioengineers with solid competences in Protein Science.

### **Assessment**

In the assessment of the candidates consideration will be given to:

- the ability to teach
- scientific production at international level, research potential and ability to lead and develop a research team
- the ability to promote and utilize research results
- experience with innovation activities
- an all-round experience basis, including international experience
- the ability to contribute to the development of internal and external cooperation
- track record in attracting funding to the research area
- visions within the research area

Consideration will also be given to:

- internationally recognized researcher within one of the areas of proteomics, protein function/structure/design or protein chemistry
- research experience within microbial cells e.g. bacteria, yeast, and/or fungi
- experience with mentoring young researchers

### **Salary and appointment terms**

The appointment will be based on the collective agreement with the Confederation of Professional Associations. The allowance will be agreed with the relevant union.

### **Further information**

Further information may be obtained from Head of Department, Bjarke Bak Christensen, +45 30664233  
You can read more about Department of Biotechnology and Biomedicine on [www.bioengineering.dtu.dk](http://www.bioengineering.dtu.dk)

### **Application procedure:**

Please submit your online application no later than **X June 2017**.

Applications must be submitted as **one pdf file** containing all materials to be given consideration. To apply, please open the link "Apply online," fill in the online application form, and attach **all your materials in English in one pdf file**. The file must include:

- Application (cover letter) addressed to the President
- CV
- Diploma (MSc/PhD)
- List of publications indicating scientific highlights
- H-index, and ORCID (see e.g. <http://orcid.org/>)
- Documentation for teaching experience (e.g. in the form of a teaching portfolio)
- A plan for future research

All interested candidates irrespective of age, gender, disability, race, religion or ethnic background are encouraged to apply.