

## **Professor in Mucosal Immunology**

DTU Vet invites applications for a position as Professor in Mucosal Immunology.

DTU Vet is a department with the overall mission of contributing to research, and research-based education, innovation and scientific advice in the following areas: Infectious diseases of production animals, and immunology of animals and humans.

The professor will be attached to the Section for Immunology and Vaccinology, one of the three sections comprising the Department.

### **Responsibilities and tasks**

The position involves research, publication and scientific dissemination at a very high level, as well as external partnerships—all within the field of mucosal immunology of humans and animals, including investigations of normal physiology and functions at the cellular and molecular levels, as well as its involvement in chronic diseases, including autoimmune diseases, such as IBD (Crohn's and ulcerative colitis), and infectious diseases, and mucosal microflora (particularly in relation to microbiome/probiotics and opportunities to reduce the use of antibiotics).

In addition, the tasks will include:

- Exchanging knowledge with society
- Assuring external funding
- Research management
- Guidance and supervision of researchers
- Academic assessment work

The successful candidate will be responsible for supervising PhD students, and is expected to be involved in other teaching activities related to BSc and MSc level students.

In addition to international collaborations with academia and industry, the professor will be involved in intra- and trans-sectional research projects at DTU Vet on human and animal immunology, and in collaborations with colleagues at other DTU departments contributing relevant supplementing technologies and/or having common interest in molecular, cell and tissue biology such as, e.g., DTU Bioengineering, DTU Bioinformatics, DTU Compute (on imaging) and DTU Nanotech (on Drop-seq).

### **Qualifications**

The qualification requirements match those that apply to ordinary professorships within the main tasks of the position. Emphasis is placed on applicants having the potential to develop the subject area and having documented original scientific production at international level.

Qualification requirements:

- A high level of original scientific production at international level, which has contributed to the further development of the mucosal immunology research field.
- High productivity and profiling.
- Significant input that contributes to the development of the subject area, including identification and cultivation of new fields of research.
- Initiative and impact vis-à-vis sponsors, recipients and partners.
- Appreciable contribution to research-based programmes and PhD supervision.

### **Assessment**

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

- 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

For the specific position consideration will also be given to experience in:

- Multicolor flow cytometry and sorting at a very advanced level.
- Single cell analysis platforms.
- Transgenic mouse models for human diseases.
- Collaboration with suitable clinical settings (particularly university hospitals).

### **Salary and terms of employment**

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 Niels T. Foged, +45 2577 3393, [nitf@vet.dtu.dk](mailto:nitf@vet.dtu.dk).

You can read more about the Department at [www.vet.dtu.dk/english](http://www.vet.dtu.dk/english)

### **Application procedure:**

Please submit your online application no later than **XXX 2016**.

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 – an official translation into English)
- List of publications indicating scientific highlights
- H-index, and Researcher-ID (see e.g. [www.researcherid.com](http://www.researcherid.com))
- A plan for future research

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