

Professor in Immunotechnology

The National Veterinary Institute at DTU (DTU Vet) invites applications for a position as Professor in Immunotechnology.

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 Division of Immunology and Vaccinology, one of the two research-based divisions of 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 immunotechnology with a focus on applications in diagnosis and treatment of human diseases, such as cancer and autoimmunity, including most importantly investigation, detection and manipulation of immune cells.

In addition to international collaborations with academia and industry, the professor will be involved in intra- and trans-divisional projects at DTU Vet on human immunology, and in collaborations with colleagues at other DTU departments contributing relevant supplementing technologies and/or having common interest in cellular and molecular immunology e.g., at DTU Nanotech, DTU Bioinformatics, and DTU Bioengineering.

In addition, the assignment will include:

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

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

Qualifications

The successful candidate must provide documented original scientific production at international level, a record of converting research results into diagnostic methods and treatment opportunities, and a network of collaborators confirming the candidate's ability to lead, guide and inspire a research group both scientifically and technically.

The qualification requirements are:

- A high level of original scientific production at international level that has contributed to the further development of immunotechnologies, in particular for what concerns methods for diagnosing and treating human diseases related to the immune system.
- 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
- the ability to teach
- 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:

- High throughput 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 and contract research organizations).

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.

You can read more about the Department at 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)
- List of publications indicating scientific highlights
- H-index, and ORCID (see e.g. <http://orcid.org/>)
- Other documentation (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.