

Professor (with special responsibilities) in Contingency for Virus Diseases

DTU Vet invites applications for a position as Professor (with special responsibilities) in Contingency for Virus Diseases. The scientific focus will be the development of innovative tools for enhanced preparedness and control of endemic, exotic and emerging viral diseases of farm animals, including zoonoses.

The work will include multi-disciplinary collaboration to combine epidemiology with the experience and knowledge of detailed molecular and biological characterization of viruses. Furthermore, these activities and skills will be used to improve risk analysis and contingency planning.

Contingency related to virology is a key area for the National Veterinary Institute. Basic and applied research in virology is important for the continued improvement of prevention, detection and control of important virus diseases. The ability to provide and act upon accurate information in a timely fashion is an essential component of preparedness for animal health threats. Accurate information requires efficient, risk-based surveillance using suitable diagnostic systems.

Development of the scientific advice area will be carried out in collaboration with other researchers at DTU Vet within different areas related to vaccine development, diagnostic assay development, modelling disease dynamics and risk assessment.

These activities form an important background for interaction with other DTU departments and with public and private research organizations.

DTU Vet is a department whose overall mission is to contribute to research, development and education within the following scientific areas: virology, immunology, bacteriology / pathology / parasitology and epidemiology.

DTU Vet conducts veterinary and medical research, educates students, and provides scientific advice to public authorities and diagnostic services at the highest level to improve the health and welfare of animals and people in society. The Department is the national veterinary reference laboratory and is responsible for the laboratory part of the veterinary contingency plan. The Institute has its own high containment large animal facilities.

This position will be within the Section of Diagnostics and Scientific Advice, one of the department's five sections. DTU Vet has more than 200 employees.

Responsibilities and tasks

The position includes public-sector consultancy, research-based contingency, publication and scientific dissemination at an advanced level and will involve:

- Further development and advancement of knowledge regarding the transmission and spread of virus diseases including vector-borne and zoonotic diseases (including new and emerging infections)
- Identification and development of new fields of research related to the control and prevention of virus diseases (the studies will be on new diagnostic methods, including molecular systems and studies to differentiate infectious from inactivated virus, transmission of virus between animals and survival of virus in the environment.
- Acting as a stakeholder for the development of contingency-oriented research within DTU Vet
- Public-sector consultancy with a focus on contingency activities related to the control of virus diseases
- Studies on the pathogenesis of important virus diseases of animals (including new threats)
- Establishing relevant cross-disciplinary collaborations with other DTU departments and externally
- Establishing close international collaborations to apply for international research programs
- Knowledge-exchange with society at large, including, e.g., EFSA, FAO

The professor is expected to establish synergies between his/her own research and other related

research activities. The candidate is also expected to develop fruitful collaborations with other research groups within the National Veterinary Institute, other departments at DTU and externally within academia, the public sector and industry at the national and international level.

The successful candidate will be responsible for supervising PhD students and is expected to be involved in other teaching activities at the bachelor, master and PhD levels.

A position as Professor with Special Responsibilities is held for a limited period of time and involves all the usual duties associated with a full professorship, as well as fixed-term specific duties which will vary according to the research program.

Qualifications

The preferred candidate has a veterinary background and has demonstrated:

- Extensive research productivity at a high international level
- Ability to coordinate and collaborate in research activities
- Significant achievements contributing to advancements in knowledge regarding the diagnosis, prevention and control of virus diseases of animals
- Extensive experience in public-sector consultancy and advice regarding virus diseases
- International recognition as evidenced by international collaborations and publications
- Ability to inspire, motivate and supervise across scientific disciplines
- Fluency in Danish and English (written and spoken)

Assessment

In the assessment of the candidate consideration will be given to

- the candidate's qualification for handling the special, function-related assignment(s) that are associated with the position
- 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 the department's internal and external cooperation
- the ability to attract funding to the research area
- visions within the research area

For the specific position consideration will also be given to:

- collaboration with public-sector bodies
- collaboration with relevant international bodies
- broad experience in public-sector consultancy and advisory activities, including international experience regarding virus diseases of farm animals
- the ability to provide sound, scientifically-based advice
- the ability to communicate at all levels

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 upon with the relevant union.

The position is available for a 5-year period and may be extended for up to 3 years more.

Further information

Further information may be obtained from Head of Department Kristian Møller, krmol@vet.dtu.dk, +45 3588 6189.

You can read more about DTU Vet at www.vet.dtu.dk

Application procedure:

Please submit your online application no later than **XXX 2015**.

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
- A plan for future research

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