

CV – Håkan Vigre.

Håkan Vigre, DVM, PhD

Associate professor in Epidemiology and Risk Assessment of Zoonoses

Technical University of Denmark - National Food Institute

Born 1970, Girlfriend and three kids

Private address: Hyltebjerg Alle 103, DK-2720 Vanløse

Academic degrees:

March 1998: DVM, Copenhagen University, Faculty of Science

Jan 2002: PhD in Veterinary epidemiology, Copenhagen University, Faculty of Science

Professional experience:

1998 – 2001: PhD-student in epidemiology, Copenhagen University, Faculty of Science (the Royal Veterinary and Agricultural University)

2001 – 2008: Scientist/Senior Scientist in Epidemiology. DTU - National Veterinary Institute, Project scientist /

2008 –: Associated Professor at DTU – National Food Institute, Department of Epidemiology and Genomic Microbiology.

Scientific experiences:

After Håkan's PhD degree in veterinary epidemiology focusing on endemic diseases in animal production, his research has been focused on issues related both endemic diseases causing antimicrobial usage in animals and zoonotic infections in animals, integrating the output from the diagnostic methods in the context of how the output from the diagnostic methods can be used in surveillance programs and studies of infections in different populations.

A major part of his research has been to design research studies and implement and apply probabilistic methods in the context of food safety risk assessment and in the context of surveillance of infections in the animal production.

In recent years, Håkan has cooperated with specialists in molecular diagnostics focusing on the development and validation of diagnostic tests and the use of molecular information in studying the occurrence of zoonotic infections in different populations. Recently, he has in cooperation with world leading experts authored a book chapter about statistical validation of molecular diagnostic tests.

Håkan has been project coordinator of a number of national research projects founded by for instance the Danish Councils for Independent Research (No. 23-04-0176) and the Act of Innovation (No. 3412-05-01292). He has participated as a leading scientist in international studies founded from the Sixth Framework Programme of the European Commission and by the European Food Safety Authority, respectively. Present, Håkan is leading a work package focusing on risk assessment, economics, bioethics and consumers perception in the project "CamVac – Campylobacter vaccination in poultry" founded by the Danish Council of Strategic Research.

His work also includes coordinating and teaching of candidate courses PhD courses in epidemiological and risk assessment methodology and supervision of PhD students (main supervisor for 2 and co-supervisor for 4 PhD students) and Master students (main supervisor for 2 master students). Håkan has broad international experience in relation to research and to teaching activities.

Håkan has gain experiences in dissemination of scientific knowledge to receivers outside the academic work by advisory activities in relation to both authorities and industries involved in food safety.

Publications:

Numbers of articles in peer-reviewed international journals: 36 (7 as first author).

Longer stays at other research institutes:

2001, 3 months and 2005, 2 months: Visited Prof. Ian Dohoo at Atlantic Veterinary College, University of Prince Edward Island, Department of Health Management. Canada

Member of evaluation committees of scientific dissertations

2009, member of the evaluation committee for Johanna Penell's Phd thesis – secondary databases in equine research, Swedish University of Agricultural Science, Sweden

2013, member of the evaluation committee for Solveig jore's Phd thesis – The impact of climatic factors upon zoonotic diseases– an epidemiological investigation, Norwegian School of Veterinary Science, Norway

2013, member of the evaluation committee for Suman Paul's Phd thesis – Seroepidemiology of *Coxiella burnetii* in Danish cattle, University of Copenhagen, Denmark

2014, head of the evaluation committee for Maike Koningstein's Phd thesis – the interaction between human antimicrobial use and the risk of foodborne zoonotic bacteria

Appointments (selected)

Official appointed external examiner in Veterinary Science and Farm Animal Area at the Faculty of Life Sciences, University of Copenhagen 2007-

Elected member of the PhD Committee Life Science at DTU 2012-

Paternal leaves

Håkan has been on three parental leaves since 2000, in total 1.8 years

Accomplished university courses in supervision and teaching

2007. Supervision of Phd students at DTU (1 day)

2007. The PhD supervision process: Methods and tools (1 day)

2008-2012. Education in university teaching at DTU

Teaching at academic courses at university level (selected):

2005: Guest teacher at the Department of Molecular Biology at Aarhus University. Title of lecture: 'Emerging infectious diseases from a veterinary view'

2008-09: Guest teacher at the master program "Control of Infections Diseases in Animal" at the Royal Veterinary Collage, University of London. Title of the lectures was 'disease surveillance and early warning'

2011-: PhD course 23836 "Quantitative Microbiological Risk Assessment" (5 ECTS) at DTU. Responsible teacher and course coordinator

2008-: Candidate course "Risk Analysis in Food Safety" (7.5 ECTS points) at DTU. Responsible teacher and course coordinator

2013-:PhD course 23837 “Introduction to scientific methodologies and philosophies used in food research”.
(2.5 ECTS points) at DTU. Responsible teacher and course coordinator