

BIOGRAPHY

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Title and name

Prof., Dr. Preben Willeberg

Nationality

Denmark

Panel

Animal Health and Welfare (AHAW)

Education

Doctor of Veterinary Science(dr. med. vet.), 1977, Royal Veterinary & Agricultural Univ., Copenhagen

Ph.D., 1972, Royal Veterinary & Agricultural Univ., Copenhagen

Veterinary degree (D.V.M.), 1967, Royal Veterinary & Agricultural Univ., Copenhagen

Scientific and risk assessment experience

- Analytical epidemiology
 - Animal disease surveillance
 - Animal disease modelling
 - BSE risk assessment - EU level
 - Animal disease control - CVO level
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Main scientific publications

Risk factor determination, analytical epidemiology, disease surveillance, disease modelling, disease control:

P. Willeberg, 2012: Animal health surveillance applications: The interaction of science and management. Preventive Veterinary Medicine, 105, 287– 296.

P. Willeberg, L. Rosenbaum Nielsen & Mo Salman, 2012: Designing and evaluating risk-based surveillance systems: Potential unwarranted effects of applying adjusted risk estimates. Preventive Veterinary Medicine, 105, 185– 194.

P. Willeberg, L.G. Paisley & P. Lind, 2011: Epidemiological models to support animal diseases surveillance activities. Rev. sci. tech. Off. int. Epiz., 30, 603 – 614.

A. Perez, M. AlKhamis, U. Carlsson, B. Brito, R. Carrasco-Medanic, Z. Whedbee & P. Willeberg, 2011. Global animal disease surveillance. Spatial and Spatio-temporal Epidemiology, 2, 135 – 145.

P. Willeberg, A. Perez, M. Thurmond, M. Ascher, T. Carpenter & M. AlKhamis, 2010: Visualization and Analysis of the Danish 2006 Highly Pathogenic Avian Influenza Virus H5N1 Wild bird Surveillance Data by a Prototype Avian Influenza BioPortal. *Avian Diseases*, 54, 433-439.

L. Alban, J. Boes, H. Kreiner, J.V. Petersen & P. Willeberg, 2008: Towards a risk-based surveillance for *Trichinella* spp. in Danish pig production. *Preventive Veterinary Medicine*, 87, 340 - 357.

C. Zepeda, M. Salman, A. Thiermann, J. Kellar, H. Rojas & P. Willeberg, 2005: The role of veterinary epidemiology and veterinary services in complying with the World Trade Organization SPS agreement. *Preventive Veterinary Medicine*, 67, 125-140.

L.G. Paisley & P. Willeberg: Research-based TSE surveillance strategies in Europe, 2002. In: *Food Safety Assurance and Veterinary Public Health*, vol.1: Food safety assurance in the pre-harvest phase. Eds: F.J.M Smulders & J.D. Collins. Wageningen Academic Publ., The Netherlands, p. 195 – 216.

I. A. Gardner, P. Willeberg & J. Mousing: Empirical and theoretical evidence for herd size as a risk factor for swine diseases, 2002. *Animal Health Research Review*, 3, 43-55.

S. Wayne Martin, Alan H. Meek & Preben Willeberg: *Veterinary Epidemiology - Principles and Methods*, 1987. Iowa State University Press, Ames, Iowa, 343 pp.
