

BIOGRAPHY

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Title and name

Prof. Jan Arend (Arjan) Stegeman

Nationality

Dutch

Panel

Animal Health and Welfare (AHAW)

Education

DVM, 1989, Utrecht University

PhD, 1995, Utrecht University

Medical_Biological Researcher in Epidemiology, 2000, National Committee for Medical-Biological Research Training

Diplomat ECVPH, Specialist Population Medicine, 2002, European College of Veterinary Public Health

Diplomat ECPHM, 2006, European College of Porcine Health Management

Scientific and risk assessment experience

- Epidemiology of Infectious Animal diseases
 - Veterinary Epidemiology
 - Experimental Epidemiology
 - Farm Animal Health
 - Zoonosis.
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Main scientific publications

Epidemiology of infectious diseases (including infections by zoonotic agents and food born pathogens) in farm animals.

Bos, M.E.H., Te Beest, D.E., Van Boven, M., Robert-Du Ry van Beest Holle, M., Meijer, A., Bosman, A., Mulder, Y., Koopmans, M.P.G., and Stegeman, A., 2010. High probability of Avian Influenza virus (H7N7) transmission from poultry to humans active in disease control on infected farms. *Journal of Infectious Diseases*, 201, 1390-1396.

Van der Goot, J.A., Engel, B., Van de Water, S.G., Buist, W., De Jong, MC., Koch, G., Van Boven, M., and Stegeman A., 2010. Validation of diagnostic tests for detection of avian influenza in vaccinated chickens using Bayesian analysis. *Vaccine*, 28, 1771-7.

Van Gerwe, T.J., Mifflin, J.K., Templeton, J.M., Bouma, A., Wagenaar, J.A., Jacobs-Reitsma, W.F., Stegeman, A., and Klinkenberg, D., 2009. Quantifying Transmission of *Campylobacter jejuni* in Commercial Broiler Flocks. *Applied and Environmental Microbiology*, 75, 625-28.

Tenzin, Dekker, A., Vernooij, J.C.M., Bouma, A., and Stegeman, J.A., 2008. Rate of Foot-and-Mouth disease virus transmission by carriers quantified from experimental data. *Risk Analysis*, 28, 303-309.

Bartels, C.J., Huinink, I., Beiboer, M.L., Van Schaik, G., Wouda, W., Dijkstra, T., and Stegeman, A., 2007. Quantification of vertical and horizontal transmission of Neospora caninum in Dutch dairy herds. Veterinary Parasitology, 148, 83-92.

Stegeman, J.A., Bouma, A., Elbers, A.R.W., De Jong, M.C.M., Nodelijk, G., De Klerk, F., Koch, G., and Van Boven, M., 2004. The avian influenza A virus (H7N7) epidemic in The Netherlands. Course of the epidemic and effectiveness of control measures. *Journal of Infectious Diseases*, 190: 2088-2095.

Nijdam, E., Lambooij, B., DeCuyper, E., and Stegeman, J.A., 2004. Factors influencing bruises and mortality of broilers. *Poultry Science* 83: 1610-1615.

Stegeman, J.A., Elbers, A.R.W., Bouma, A., and De Jong, M.C.M., 2002. Rate of inter-herd transmission of classical swine fever virus by different types of contact during the 1997-1998 epidemic in The Netherlands. *Epidemiology and Infection* 128, 285-291

Stegeman, J.A., Elbers, A.R.W., Smak, J.A., and De Jong, M.C.M., 1999. Quantification of the transmission of Classical Swine Fever Virus between herds during the 1997-1998 epidemic in the Netherlands. *Preventive Veterinary Medicine* 42, 219-234.

Stegeman, J.A., Tielen, M.J.M., Kimman, T.G., Van Oirschot, J.T., Hunneman, W.A., and Berndsen, F.W., 1994. Intensive regional vaccination with a gI-deleted vaccine markedly reduces pseudorabies virus infections. *Vaccine*, 12: 527-531"
