

BIOGRAPHY

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Title and name

Dr Christine Fourichon

Nationality

France

Panel

Animal Health and Welfare (AHAW)

Education

Diplomate, 2003, European College of Veterinary Public Health

PhD in Biology and Agricultural Sciences, 2001, University of Rennes

Master of Science in Management Sciences, 1987, University of Paris 9 Dauphine

Master in Biological and Medical Sciences (Statistics and epidemiology), 1986, University Paris 11

Doctor in Veterinary Medicine, 1986, University of Nantes

Scientific and risk assessment experience

Research in epidemiology, epidemiological modelling and animal health economics

Research programmes applied to endemic diseases and production diseases of cattle and swine

Evaluation of disease control programmes at a regional level

Evaluation of health, welfare and risks in cattle and swine production

Evaluation of disease surveillance systems

Research on syndromic surveillance

Main scientific publications

Epidemiology, epidemiological modelling, animal health economics

Nusinovici S., Seegers H., Joly A., Beaudeau F., Fourichon C., 2012. Quantification and at-risk period of decreased fertility associated with exposure to bluetongue virus serotype 8 in naïve dairy herds, Journal of Dairy Science, 95, 3008-3020

Lurette A., Touzeau S., Ezanno P., Hoch T., Seegers H., Fourichon C., Belloc C., 2011. Within-herd biosecurity and Salmonella seroprevalence in slaughter pigs: a simulation study. Journal of Animal Science, 89, 7, 2210-2219

Marcé C., Ezanno P., Seegers H., Pfeiffer D.U., Fourichon C., 2011. Within-herd contact structure and transmission of *Mycobacterium avium* subspecies paratuberculosis in a persistently infected dairy cattle herd. *Preventive Veterinary Medicine*, 100, 116-25

Marcé C., Ezanno P., Seegers H., Pfeiffer D.U., Fourichon C., 2011. Predicting fadeout versus persistence of paratuberculosis in a dairy cattle herd for management and control purposes: a modelling study. *Veterinary Research*, 42:36

Nusinovici S., Seegers H., Joly A., Beaudeau F., Fourichon C., 2011. A side effect of decreased fertility associated with vaccination against bluetongue virus serotype 8 in Holstein dairy cows. *Preventive Veterinary Medicine*, 101, 42-50

Marcé C., Ezanno P., Weber M.F., Seegers H., Pfeiffer D., Fourichon C., 2010. Modelling within-herd transmission of *Mycobacterium avium* paratuberculosis in dairy cattle: a review. *Journal of Dairy Science*, 93, 4455–4470

Rat-Aspert O., Fourichon C., 2010. Modelling collective effectiveness of voluntary vaccination with and without incentives. *Preventive Veterinary Medicine* 93, 265-75

Marcé C., Beaudeau F., Bareille N., Seegers H., Fourichon C., 2009. Higher non-return rate associated with *Mycobacterium avium* subspecies paratuberculosis infection at early stage in Holstein dairy cows. *Theriogenology* 71, 807-816

Ezanno P., Fourichon C., Seegers H., 2008. Effect of herd structure and type of virus introduction on the spread of bovine viral diarrhoea virus (BVDV) within a dairy herd. *Veterinary Research* 39:39

Lurette A., Belloc C., Touzeau S., Hoch T., Ezanno P., Seegers H., Fourichon C., 2008. Modelling *Salmonella* spread within a farrow-to-finish pig herd. *Veterinary Research* 39:49