



Dr James Wood

Email: jlw2@cam.ac.uk

Tel: +44 (1223) 764666

Fax: +44 (1223) 764667

I am a veterinary epidemiologist, with interests in the dynamics of infectious diseases of animals. I moved to Cambridge as Director of CIDC in January 2005.

Current research

My current research interests are centred in the epidemiological dynamics of infectious diseases, particularly animal influenza viruses and orbivirus infections (Bluetongue of Sheep and Cattle and African Horsesickness), in particular how control policies can impact on transmission.

Background

After intercalating in Physiology at University College London and then graduating with a veterinary degree, I spent some time working in animal production and veterinary practice, before moving into veterinary epidemiology. I was initially trained to Masters level in epidemiology at the London School of Hygiene and Preventive Medicine and then worked principally on the epidemiology and control of infectious equine diseases and injury in racehorses, with some work on the control of complex inherited diseases of dogs. I established and lead the epidemiology group at the Animal Health Trust before moving to Cambridge.

Selection of Recent Publications

Wood, J.L.N., Newton, J.R., Chanter, N. & Mumford, J.A. (2005) The association between respiratory disease and bacterial and viral infections in British racehorses. *Journal of Clinical Microbiology* **43**, 120-126 [doi:10.1128/JCM.43.1.120-126.2005](https://doi.org/10.1128/JCM.43.1.120-126.2005)

Wood, J.L.N., Kelly, L., Cardwell, J. & Park, A.W. (2005) Results of a quantitative risk assessment of the risks of reducing swabbing requirements for the detection of *Taylorella equigenitalis*. *Veterinary Record* **157**, 41-46

Wood, J.L.N., Newton, J.R., Chanter, N. & Mumford, J.A. (2005) Respiratory infections and signs of disease in young British racehorses. *Equine veterinary journal* **37**, 236-242

Daly, J.M., Yates, P.J. Newton, J.R., Park, A.W., Henley, W., Wood, J.L.N., Davis-Poynter, N. & Mumford, J.A. (2004) Evidence supporting recommendation that strains from each of the two co-circulating lineages of H3N8 equine influenza virus are included in vaccines. *Vaccine* **22**, 4101-4109. [doi:10.1016/j.vaccine.2004.02.048](https://doi.org/10.1016/j.vaccine.2004.02.048)

Edwards, D.S., Henley, W.E., Ely, E. & Wood, J.L.N. (2004) Vaccination and ill health in dogs: A lack of temporal association and evidence of equivalence. *Vaccine* **22**, 3270-3273 [doi:10.1016/j.vaccine.2004.03.038](https://doi.org/10.1016/j.vaccine.2004.03.038)

Castillo-Olivares, J. & Wood, J.L.N. (2004) West Nile virus infection of horses. *Veterinary Research* **35**, 467-483

Park, A.W., J.L.N. Wood, J.M. Daly, J.R. Newton, K. Glass, W. Henley, J.A. Mumford, B.T. Grenfell (2004) The effects of strain heterology on the epidemiology of equine influenza in a vaccinated population. *Proc Roy Soc B* **271**, 1547-1555
[DOI:10.1098/rspb.2004.2766](https://doi.org/10.1098/rspb.2004.2766)

Grenfell, B.T., Pybus, O.G., Gog, J.R., Wood, J.L.N., Daly, J.M. Mumford, J.A. & Holmes, E.C. (2004) Unifying the epidemiological and evolutionary dynamics of pathogens. *Science* **303**, 327-332