

## Professor Tom Humphrey



Tom trained initially as a meat technologist but for the last 40 years has been involved in research into zoonotic infections, principally those caused by *Salmonella* and *Campylobacter* spp. He spent 20 years in the Public Health Laboratory Service, part of the NHS in the UK, and in 2001 moved to the University of Bristol. From 2010-2014 he was at the University of Liverpool. Tom did much of the research on *Salmonella* and eggs in the 1980s and 90s and he advised the British Egg Industry to vaccinate hens against *Salmonella*

in 1997.

He is currently Professor of Bacteriology and Food Safety in the Medical School at Swansea University. His principal research interest is how chickens interact with production environments and the consequences of such interactions on host-pathogen relationships, innate immune responses and gut health with a focus on *Campylobacter*. Current work is investigating why these bacteria, once thought to be commensals in chickens, now adversely affect bird health, welfare and performance. Tom has published around 300 papers and in 1989 was awarded the W.H. Pierce Memorial Prize from the Society for Applied Microbiology for outstanding contribution to Microbiology. He also received the Colworth Lecture Prize awarded by the Society of General Microbiology for outstanding contribution to the study of food microbiology in 2002 and in 2006 he was awarded the Gordon Memorial Lecture Prize by the World Poultry Science Association for outstanding contribution to poultry research.