



Biography Eric COX

Graduated in 1983 as doctor in Veterinary Medicine at the University of Gent. Was assistant in animal physiology at the University Centre of Antwerp between 1984 and 1988, and assistant in veterinary virology and immunology between 1988 and 1993. Became appointed to assistant-professor 1993 at the Laboratory of Immunology, to become full professor in 2004. Since 2009 head of the lab.

The main research topic is the intestinal mucosal immune system of pigs. An oral F4 immunisation model is used to evaluate the immune mechanisms and to analyze the effect of potential oral adjuvants. One of these potential oral adjuvants, extensively studied, are β glucans. Furthermore, several oral delivery systems are evaluated in cooperation with the Laboratory of Pharmaceutical Technology. Other research topics are the immune response and vaccination against F18 verotoxigenic *E. coli*, *Toxoplasma gondii* and *Chlamydia trachomatis* in pigs and the immune response against enterohemorrhagic *E. coli* in sheep.