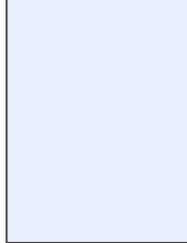


BIOGRAPHY

29 June 2012



Title and name

Prof. dr. Patrick Butaye

Nationality

Belgian.

Panel

Biohazard.

Education

DVM, 1994, Ghent University; PhD, 2000, Ghent University

Scientific and risk assessment experience

Patrick Butaye is working in at the CODA-CERVA and the Ghent University. At CODA-CERVA, he is head of the Unit General Bacteriology, mainly dealing with the molecular epidemiology of antimicrobial resistance in both animal pathogens, commensal bacteria and zoonotic bacteria, alternatives for antibiotics and animal infections (mainly mycoplasma). The Unit harbours the reference laboratory for antimicrobial resistance in bacteria from animal origin. He has been working with biosafety level (BSL) 3 bacteria as *Bacillus anthracis* and teaches in an international course on biosafety and biosecurity in BSL3/4 laboratories. He is a professor at the Ghent University giving courses on the appropriate use of antimicrobials and antimicrobial resistance. .

Main scientific publications

Price LB, Stegger M, Hasman H, Aziz M, Larsen J, Andersen PS, Pearson T, Waters AE, Foster JT, Schupp J, Gillece J, Driebe E, Liu CM, Springer B, Zdovc I, Battisti A, Franco A, Zmudzki J, Schwarz S, Butaye P, Jouy E, Pomba C, Porrero MC, Ruimy R, Smith TC, Robinson DA, Weese JS, Arriola CS, Yu F, Laurent F, Keim P, Skov R, Aarestrup FM. 2012. *Staphylococcus aureus* CC398: Host Adaptation and Emergence of Methicillin Resistance in Livestock. *MBio*. Feb 21;3(1).

Vanderhaeghen W, Vandendriessche S, Crombé F, Dispas M, Denis O, Hermans K, Haesebrouck F, Butaye P. 2012. Species and staphylococcal cassette chromosome mec (SCCmec) diversity among methicillin-resistant non-*Staphylococcus aureus* staphylococci isolated from pigs. *Vet Microbiol*. 158:123-128

Hallin M, De Mendonça R, Denis O, Lefort A, El Garch F, Butaye P, Hermans K, Struelens MJ. 2011. Diversity of accessory genome of human and livestock-associated ST398 methicillin resistant *Staphylococcus aureus* strains. *Infect Genet Evol*. 11:290-299.

Persoons D, Haesebrouck F, Smet A, Herman L, Heyndrickx M, Martel A, Catry B, Berge AC, Butaye P, Dewulf J. 2010. Risk factors for ceftiofur resistance in *Escherichia coli* from Belgian broilers. *Epidemiol Infect.* 29:1-7.

Smet A., A. Martel, D. Persoons, J. Dewulf, M. Heyndrickx, L. Herman, F. Haesebrouck, and P. Butaye. 2009. Broad-spectrum beta-lactamases among Enterobacteriaceae of animal origin: molecular aspects, mobility and impact on public health. *FEMS Microbiol Rev.* 34:295-316.

Weidmann M., F. Hufert, M. Elschner, N. Silman, A. Mirazimi, F.M. de Girón, and P. Butaye. 2009. Networking for BSL-3/4 laboratory scientist training. *Nat. Rev. Microbiol.* 7:756.

Denis O., C. Suetens, M. Hallin, B. Catry, I. Ramboer, M. Dispas, G. Willems, B. Gordts, P. Butaye, and M.J. Struelens. 2009. Methicillin-resistant *Staphylococcus aureus* ST398 in swine farm personnel, Belgium. *Emerg. Infect. Dis.* 15:1098-1101.

Smet A., A. Martel, D. Persoons, J. Dewulf, M. Heyndrickx, A. Cloeckaert, K. Praud, G. Claeys, B. Catry, L. Herman, F. Haesebrouck, and P. Butaye. 2009. Comparative analysis of extended-spectrum- β -lactamase-carrying plasmids from different members of Enterobacteriaceae isolated from poultry, pigs and humans: evidence for a shared β -lactam resistance gene pool? *J. Antimicrob. Chemother.* 63:1286-1288.

Cloeckaert A., K. Praud, B. Doublet, A. Bertini, A. Carattoli, P. Butaye, H. Imberechts, S. Bertrand, J.M. Collard, G. Arlet, F.X. Weill. 2007. Dissemination of an Extended-Spectrum- β -Lactamase blaTEM-52 gene-carrying IncI1 plasmid in various *Salmonella enterica* Serovars isolated from poultry and humans in Belgium and France, 2001-2005. *Antimicrob. Agents Chemother.*, 5:1872-1875.

Butaye, P., L.A. Devriese, and F. Haesebrouck. 2003. Antimicrobial growth promoters used in animal feed: a review of the less well known antibiotics and their effects on Gram-positive bacteria. *Clin. Microbiol. Rev.*, 16:175-188.