



Curriculum Vitae

Personal information **Sandra De Boever**

Work experience

1. Employer: Ghent University
 - Start date: 102003
 - End date: 092009
 - Position: Assistant
 - Activities:
 - Country: Belgium
2. Employer: Codifar nv
 - Start date: 102009
 - End date: 112010
 - Position: R&D manager
 - Activities:
 - Country: Belgium
3. Employer: Ablynx nv
 - Start date: 022011
 - End date: 052013
 - Position: Associate Scientist
 - Activities:
 - Country: Belgium
4. Employer: FAMHP
 - Start date: 062013
 - End date: 032022
 - Position: Scientific evaluator
 - Activities:
 - Country: Belgium
5. Employer: FAMHP
 - Start date: 112021
 - End date:
 - Position: Project Manager
 - Activities:
 - Country: Belgium

Education and training

1. Subject: Ghent University
 - Start date: 101997
 - End date: 062003
 - Qualification: Veterinarian
 - Organisation:
 - Country: Belgium
2. Subject: Ghent University
 - Start date: 2005
 - End date: 2006
 - Qualification: Doctoral training
 - Organisation:
 - Country: Belgium
3. Subject: Ghent University
 - Start date: 2005
 - End date: 2006
 - Qualification: Teacher Training
 - Organisation:
 - Country: Belgium
4. Subject: Ghent University
 - Start date: 102003
 - End date: 092009
 - Qualification: PhD
 - Organisation:
 - Country: Belgium
5. Subject: Ghent University
 - Start date: 2007
 - End date: 2008
 - Qualification: Master of Laboratory Animal Science
 - Organisation:
 - Country: Belgium
6. Subject: The Royal Veterinary College
 - Start date: 072005
 - End date:
 - Qualification: EAVPT/ECVPT Workshop on PK/PD Modelling
 - Organisation:
 - Country: United Kingdom
7. Subject: Ghent University
 - Start date: 2005

- End date: 2006
 - Qualification: Scientific English
 - Organisation:
 - Country: Belgium
8. Subject: EAVPT
- Start date: 092006
 - End date:
 - Qualification: 10th International EAVPT congress
 - Organisation:
 - Country: Italy
9. Subject: IEIIS
- Start date: 072008
 - End date:
 - Qualification: The 10th Biennial Meeting of the International Endotoxin and Innate Immunity Society
 - Organisation:
 - Country: United Kingdom
10. Subject: EAVPT
- Start date: 072009
 - End date:
 - Qualification: 11th International EAVPT congress
 - Organisation:
 - Country: Germany
11. Subject: WIV
- Start date: 102009
 - End date:
 - Qualification: 14th Annual GLP meeting
 - Organisation:
 - Country: Belgium
12. Subject: VDAB
- Start date: 112010
 - End date: 022011
 - Qualification: Management Toolkit
 - Organisation:
 - Country: Belgium
13. Subject: BelTOX
- Start date: 102011
 - End date:
 - Qualification: 1st Annual Workshop on Non_Clinical Safety Assessment of Biopharmaceuticals
 - Organisation:
 - Country: Belgium
14. Subject: Ghent University
- Start date: 112011
 - End date: 022012
 - Qualification: Academic (report) writing for Ablynx
 - Organisation:
 - Country: Belgium
15. Subject: Covance
- Start date: 052012
 - End date:
 - Qualification: 19th Covance Primate Symposium
 - Organisation:
 - Country: Germany
16. Subject: The University of Georgia Center for Continuing Education
- Start date: 092012
 - End date: 102012
 - Qualification: Concepts in Clinical Pharmacokinetics Web_Based Continuing Education Course
 - Organisation:
 - Country: Belgium
17. Subject: EMA
- Start date: 062015
 - End date: 062015
 - Qualification: EVVET & signal detection training
 - Organisation:
 - Country: United Kingdom

Additional information

Publications

Nonclinical safety assessment of ALX_0171, a Nanobody® intended for clinical administration via nebulisation (abstract and poster) E. Depla, K. Allosery, V. de Brabandere, S. Priem, S. Rossenu, S. De Boever, E. Vanheule, A. Schoolmeester, J. Baumeister National Biotechnology Conference, AAPS, San Diego, California, May 20_22 2013

Nonclinical safety assessment of nanobodies – case studies involving nonhuman primates (book chapter) S. Jacobs, S. De Boever, M._P. Bouche, M. L. Sargentini_Maier, H. Ulrichts, J._B. Holz, J. Baumeister In Weinbauer GF, Vogel F (Eds.), Challenges in nonhuman primate research in the 21st century, Münster, Waxmann Verlag GmbH, 2013

Preclinical development and safety assessment of the first inhaled Nanobody® ALX_0171 (abstract and poster) S. Jacobs, E. Depla, S. Rossenu, S. Priem, E. Vanheule, A. Schoolmeester, S. Poelmans, K. Allosery, S. De Boever, L. Detalle, V. H. Chen, J. Baumeister 52nd Annual Meeting and ToxExpo, SOT, San Antonio, Texas, March 10_14 2013

Nonclinical safety testing of Nanobody® ALX_0651 targeting the G_protein coupled receptor CXCR4 (abstract and poster) S. De Boever, S. Jacobs, B. Serruys, V. Snoeck, K. Cromie, J. Baumeister Congress of the European Societies of Toxicology, Stockholm, Sweden, June 17_20 2012

Flow cytometric differentiation of avian leukocytes and analysis of their intracellular cytokine expression S. De Boever, S. Croubels, K. Demeyere, B. Lambrecht, P. De Backer & E. Meyer Avian Pathology 2010, 39: 41_46

Species comparison of oral bioavailability, first_pass metabolism and pharmacokinetics of acetaminophen. E. Neirinckx, C. Vervaeke, S. De Boever, J.P. Remon, K. Gommeren, S. Daminet, P. De Backer & S. Croubels Research in Veterinary Science 2010, 91: 415_421

Pharmacodynamics of tepoxalin, sodium_salicylate and ketoprofen in an intravenous lipopolysaccharide inflammation model in broiler chickens S. De Boever, E. Neirinckx, E. Meyer, S. De Baere, R. Beyaert, P. De Backer & S. Croubels Journal of Veterinary Pharmacology and Therapeutics 2010, 33: 564_572

Characterization of an intravenous LPS inflammation model in broilers with respect to the pharmacokinetics and pharmacodynamics of nonsteroidal anti_inflammatory drugs. S. De Boever, PhD thesis, December 2009

Pharmacodynamic properties of salicylate, tepoxalin and ketoprofen in an intravenous LPS inflammation model in broiler chickens (abstract and presentation) S. De Boever, E. Neirinckx, R. Beyaert, P. De Backer & S. Croubels Proceedings of the 11th International Congress of The European Association for Veterinary Pharmacology and Toxicology, 2009

Journal of Veterinary Pharmacology and Therapeutics Pharmacokinetics of tepoxalin and its active metabolite in broiler chickens S. De Boever, E. Neirinckx, K. Baert, P. De Backer & S. Croubels Journal of Veterinary Pharmacology and Therapeutics 2009, 31: 97_100

Influence of 2 different ventilation modes on the function of an anaesthetic conserving device (AnaConDa®) in sevoflurane anaesthetized pigs S. Schauvliege, S. Bouchez, L. Devisscher, T. Reyns, S. De Boever & F. Gasthuys Veterinary Anaesthesia and Analgesia 2009, 36: 230_238

Characterization of an

intravenous lipopolysaccharide inflammation model in broiler chickens S. De Boever, S. Croubels, E. Meyer, S. Sys, R. Beyaert, R. Ducatelle & P. De Backer *Avian Pathology* 2009, 38: 403_411 The influence of age and repeated LPS administration on body temperature and the relation with interleukin_6 and IgM antibodies in broiler chickens S. De Boever, R. Beyaert, F. Vandemaele, K. Baert, L. Duchateau, B. Goddeeris, P. De Backer & S. Croubels *Avian Pathology* 2008, 37: 39_44 Identification and validation of housekeeping genes as internal control for gene expression in an intravenous LPS inflammation model in chickens S. De Boever, C. Vangestel, P. De Backer, S. Croubels & S. Sys *Veterinary Immunology and Immunopathology* 2008, 122: 312_317 The effects of intravenous LPS administration in broiler chickens S. De Boever, E. Meyer, S. Sys, P. De Backer & S. Croubels The 10th Biennial Meeting of the International Endotoxin and Innate Immunity Society (IEIIS), Edinburgh, Scotland, 30th July – 2nd August 2008, 13_14 Tissue depletion of amoxicillin and its major metabolites in pigs: influence of the administration route and the simultaneous dosage of clavulanic acid T. Reyns, S. De Boever, S. De Baere, P. De Backer & S. Croubels *Journal of Agriculture and Food Chemistry* 2008, 56: 448_454 Transsplenic portal catheterisation combined with a jugular double lumen catheter for pharmacokinetic and presystemic metabolisation studies in pigs F. Gasthuys, S. De Boever, S. Schauvliege, T. Reyns, T. Levet, P. Cornillie, C. Casteleyn, P. De Backer & S. Croubels *Journal of Veterinary Pharmacology and Therapeutics* 2008, 32: 137_145 Induction of the carrier state in pigeons infected with *Salmonella enterica* subspecies *enterica* serovar *Typhimurium* PT99 by treatment with florfenicol: a matter of pharmacokinetics F. Pasmans, K. Baert, A. Martel, A. Bousquet_Melou, R. Lanckriet, S. De Boever, F. Van Immerseel, V. Eeckhaut, P. De Backer & F. Haesebrouck *Antimicrobial Agents and Chemotherapy* 2008, 52: 954_961 Disposition and oral bioavailability of amoxicillin and clavulanic acid in pigs T. Reyns, S. De Boever, K. Baert, S. Croubels, S. Schauvliege, F. Gasthuys & P. De Backer *Journal of Veterinary Pharmacology and Therapeutics* 2007, 30:550_5 Quantitative analysis of clavulanic acid in porcine tissues by liquid chromatography combined with electrospray ionization tandem mass spectrometry T. Reyns, S. De Boever, S. De Baere, P. De Backer & S. Croubels *Analytica Chimica Acta* 2007, 597: 282–289 Characterization of an LPS inflammation model in chickens S. De Boever, R. Beyaert, F. Vandemaele, B. Goddeeris, P. De Backer & S. Croubels *Proceedings of the 10th International Congress of The European Association for Veterinary Pharmacology and Toxicology Journal of Veterinary Pharmacology and Therapeutics* October 2006, 29 (suppl. 1): 221 Pharmacokinetics and oral bioavailability of pentoxifylline in broiler chickens S. De Boever, K. Baert, S. Croubels & P. De Backer *Journal of Veterinary Pharmacology and Therapeutics* 2005, 28: 575_580 Quantitative liquid chromatographic mass spectrometric analysis of amoxicillin in broiler edible tissues S. De Baere, P. Wassink, S. Croubels, S. De Boever, K. Baert & P. De Backer *Analytica Chimica Acta* 2005, 529: 221_227 Two unusual cases of plant intoxication in small ruminants K. Baert, S. Croubels, S. De Boever, A. Verbeken & P. De Backer *Vlaams Diergeneeskundig Tijdschrift* 2005, 74: 149_153 Antipyretic effect of oral sodium salicylate after an intravenous *E. Coli* LPS injection in broiler chickens K. Baert, L. Duchateau, S. De Boever, M. Cherlet & P. De Backer *British Poultry Science* 2004, 2: 137_143 Sodium salicylate attenuates LPS_induced adipisia, but not hypophagia, in broiler chickens K. Baert, S. De Boever, L. Duchateau & P. De Backer *British Poultry Science* 2004, 2: 144_148

Projects

Memberships

Membership: NGROD until 2015 Invitation at Scientific Conferences: 19th Covance Primate Symposium, Münster, Germany, May 23_24 2012 (on behalf of Sandy Jacobs) The 10th Biennial Meeting of the International Endotoxin and Innate Immunity Society (IEIIS), Edinburgh, Scotland, July 30th – Augustus 2nd 2008 Presentation at Scientific Conferences: 10th International EAVPT congress, Turin, Italy, September 17_22nd 2006 11th International EAVPT congress, Leipzig, Germany, July 12_16th 2009 Participation at Scientific Conferences Quantification, Benchmarking and Stewardship of Veterinary Antimicrobial Usage, Ghent; Belgium 27&28 February Vigilance day, Brussels, Belgium 23 March 2017

Other Relevant Information