

Curriculum Vitae

Personal information **Sophia Austermann-Busch**

Work experience

1. Employer: Federal Office for Consumer Protection and Food Safety/ Bundesamt für Verbraucherschutz und Lebensmittelsicherheit (BVL)
 - Start date: 052018
 - End date:
 - Position: scientific officer
 - Activities: VMP post_marketing and inspections
 - Country: Germany
2. Employer: University of Veterinary Medicine Hannover, Foundation
 - Start date: 062012
 - End date: 122017
 - Position: Coordinator and Head of Laboratory (serology/ virology) at the EURL for CSF
 - Activities: organisational, scientific and consulting activities with regard to classical swine fever in the European Union and in third countries.
 - Country: Germany
3. Employer: University of Veterinary Medicine Hannover, Foundation
 - Start date: 012009
 - End date: 062012
 - Position: scientific assistant
 - Activities: fundamental research virology
 - Country: Germany
4. Employer: Justus_Liebig_University Giessen
 - Start date: 062008
 - End date: 122008
 - Position: scientific assistant
 - Activities: fundamental research virology
 - Country: Germany

Education and training

1. Subject: Justus_Liebig_University Giessen
 - Start date: 102002
 - End date: 032008
 - Qualification: veterinarian
 - Organisation: veterinary medicine
 - Country: Germany
2. Subject: Institut für Fremdsprachen und Auslandskunde an der Universität Erlangen/ Nürnberg
 - Start date: 021999
 - End date: 122001
 - Qualification: translator (humanities)
 - Organisation: English, Spanish (specialization: humanities)
 - Country: Germany

Additional information

Publications

Postel A, Austermann_Busch S, Petrov A, Moennig V, Becher P. Epidemiology, diagnosis and control of classical swine fever: Recent developments and future challenges. *Transbound Emerg Dis*. 2017 Aug 10. doi: 10.1111/tbed.12676. [Epub ahead of print] Kleine Büning M, Meyer D, Austermann_Busch S, Roman_Sosa G, Rümenapf T, Becher P. Nonreplicative RNA Recombination of an Animal Plus_Strand RNA Virus in the Absence of Efficient Translation of Viral Proteins. *Genome Biol Evol*. 2017 Apr 1;9(4):817_829. doi: 10.1093/gbe/evx046. PMID: 28338950 Luo Y, Li L, Austermann_Busch S, Dong M, Xu J, Shao L, Lei J, Li N, He WR, Zhao B, Li S, Li Y, Liu L, Becher P, Sun Y, Qiu HJ. Enhanced expression of the Erns protein of classical swine fever virus in yeast and its application in an indirect enzyme_linked immunosorbent assay for antibody differentiation of infected from vaccinated animals. *J Virol Methods*. 2015 Sep 15;222:22_7. doi: 10.1016/j.jviromet.2015.05.006. Epub 2015 May 21. PMID: 26005003 Postel A, Pérez LJ, Perera CL, Schmeiser S, Meyer D, Meindl_Boehmer A, Rios L, Austermann_Busch S, Frias_Lepoureau MT, Becher P. Development of a new LAMP Assay for the detection of CSFV strains from Cuba: a proof_of_concept study. *Arch Virol*. 2015 Jun;160(6):1435_48. doi: 10.1007/s00705_015_2407_1. Epub 2015 Apr 1. PMID: 25877822 Austermann_Busch S, Becher P. RNA structural elements determine frequency and sites of nonhomologous recombination in an animal plus_strand RNA virus. *J Virol*. 2012 Jul;86(13):7393_402. doi: 10.1128/JVI.00864_12. Epub 2012 Apr 24. PMID: 22532677 Austermann_Busch S. Strukturelle Determinanten der nichthomologen RNA Rekombination bei Pestiviren. Deutsche Veterinärmedizinische Gesellschaft Service GmbH, Gießen 2012, ISBN 978_3_86345_127_1

Projects

Memberships

Tierärztekammer Berlin (Chamber of Veterinary Surgeons Berlin)

Other Relevant Information