

Curriculum Vitae

Personal information **Sandra Bertulat**

Work experience

1. Employer: Federal Office of Consumer Protection and Food Safety (BVL), Unit 314 (Efficacy and Target Animal Safety) and 334 (Biostatistics, Data Management and AI)
 - Start date: 05-2018
 - End date:
 - Position: Scientific Officer
 - Activities:

Efficacy and Safety Assessment of Veterinary medicinal products

Preclinical and clinical assessment of applications for the authorization of veterinary medicinal products in national, decentralized, mutual recognition and centralized procedures

Scientific advice for companies

Referral procedures

Coordinating Projects and Tasks related to Big Data and AI

- Country: Germany
2. Employer: Freie Universität Berlin, Clinic for Animal Reproduction
 - Start date: 06-2014
 - End date: 04-2018
 - Position: Postdoctoral Research Fellow
 - Activities:

Research in the Field of Udder Health, Animal Reproduction and Bovine Health Management

Treatment of inhouse patients (large and companion animals) including emergency Service, Routine visits to dairy farms

Lectures and Courses for Students of Veterinary Medicine and Agriculture

Lectures and Courses for Veterinarians specializing in Bovine Health Management

- Country: Germany
3. Employer: Clinic for Animal Reproduction
 - Start date: 09-2012
 - End date: 06-2014
 - Position: Research Associate
 - Activities:

Working on Projects on udder health and dry-off, farm animal welfare and supporting Research Projects on Animal Reproduction

Giving lectures and courses on Udder Health and Animal Reproduction

Treatment of in-house patients and routine visits to dairy farms

- Country: Germany

Education and training

1. Subject: Clinic for Animal Reproduction
 - Start date: 09-2012
 - End date: 08-2017
 - Qualification: Veterinary Expert for Bovine Health Management
 - Organisation:
 - Country: Germany
2. Subject: Clinic for Animal Reproduction
 - Start date: 09-2012
 - End date: 01-2017
 - Qualification: Veterinary Expert for Animal Reproduction
 - Organisation:
 - Country: Germany
3. Subject: Clinic for Animal Reproduction
 - Start date: 02-2011
 - End date: 06-2014
 - Qualification: Doctor of Veterinary Medicine
 - Organisation:
 - Country: Germany

Additional information

Publications

- J. Bachmann, S. Bertulat, W. Heuwieser. Residue concentration of cefquinome after intramammary dry cow therapy and short dry periods. 2017. Journal of dairy Science. eingereicht
- J. Bachmann, W. Heuwieser, L. Klein, S. Bertulat. Variation in residue concentration of cefquinome and milk composition in different milk fractions and the effect on the performance of screening tests. 2017. Journal of Dairy Science. eingereicht
- J. Bachmann, S. Bertulat, S. Seiffert, W. Heuwieser. Viscosity measurements of milk to investigate risk factors for milk leakage in dairy cows before and after dry_off. 2017. Journal of Dairy Research. eingereicht
- N. Isaka, E. Mainau, D. Temple, A. Lopez, A. De_Prado, S. Bertulat, W. Heuwieser, X. Manteca. Effect of cabergoline on lying behavior and udder pain in dairy cows at dry_off. 2017. PLOS ONE. eingereicht
- A. Hesse, S. Bertulat, W. Heuwieser. Survey of work processes on German dairy farms. 2017. Journal of Dairy Science. 100: 6583_6591
- S. Bertulat, N. Isaka, A. de Prado, A. Lopez, T. Hetreau, W. Heuwieser. Effect of a single injection of cabergoline at dry_off on udder characteristics in high yielding dairy cows. 2017. Journal of Dairy Science 100: 3220_3232
- J. Ruoff, S. Bertulat, O. Burfeind, W. Heuwieser. Associations of β -hydroxybutyrate, cholesterol, triglycerides and high_density lipoproteins to non_esterified fatty acids pre_ and postpartum. 2016. Journal of Dairy Research 83:447_452
- A. Pohl, S. Bertulat, S. Borchardt, O. Burfeind, W. Heuwieser. Randomized, controlled clinical trial on the efficacy of nonsteroidal antiinflammatory drugs for the treatment of acute puerperal metritis in dairy cows. 2016. Journal of Dairy Science. 99:8241_8249

Projects

- Usage of AI to summarize Clinical study protocols
- Usage of AI to anonymize Documents related to VMP authorization

Memberships

- Member of the CVMP Efficacy Working Party since 2020
- Member of the Big Data Steering Group 2020 - 2025
- Member of the Network Data Board since 2025
- Member of the EMA Veterinary Big Data Team since 2020
- Member of the EMA Veterinary Data Hub since 2023
- Member of the HMA-EMA strategy to 2025 Data analytics, digital tools and digital transformation implementation team since 2021

Other Relevant Information