

Curriculum Vitae

Personal information **Elisabeth Balks**

Work experience

1. Employer: University of Giessen
 - Start date: 031987
 - End date: 091998
 - Position: Scientific assistant
 - Activities: microbiology (human and vet.) avian and reptile medicine and pathology
 - Country: Germany
2. Employer: Paul Ehrlich Institut, Federal Institute for Vaccines and Biomedicines
 - Start date: 101998
 - End date:
 - Position: Scientific assistant and assessor
 - Activities: scientific functions in pre_marketing assessment and batch testing of bacterial immunological veterinary medicinal, test_related research, quality management,
 - Country: Germany

Education and training

1. Subject: Institute for Avian Medicine, University of Giessen
 - Start date: 031987
 - End date: 061995
 - Qualification: Doctoral dissertation
 - Organisation:
 - Country: Germany

Additional information

Publications

Viviani, L. et al., 2023 <https://doi.org/10.1016/j.biologicals.2023.101695>; 3Rs implementation in veterinary vaccine batch-release testing: Current state-of-the-art and future opportunities. A webinar and workshop report; Halder M, Depraetere H, Delannois F, Akkermans A, Behr_Gross ME, Bruysters M, Dierick JF, Jungbäck C, Kross I, Metz B, Pennings J, Rigsby P, Riou P, Balks E, Dobly A, Leroy O, Stirling C. "Recommendations of the VAC2VAC workshop on the design of multi_centre validation studies". Biologicals 2018; 52: 78_82. Kaufmann E1, Spohr C1, Battenfeld S1, De Paep D2, Holzhauser T3, Balks E1, Homolka S4, Reiling N4, Gilleron M2, Bastian M5 BCG Vaccination Induces Robust CD4+ T Cell Responses to Mycobacterium tuberculosis Complex_Specific Lipopeptides in Guinea Pigs. J Immunol. 2016;196(6):2723_32. Spohr C, Kaufmann E, Battenfeld S, Duchow K, Cussler K, Balks E, Bastian M. A new lymphocyte proliferation assay for potency determination of bovine tuberculin PPDs. ALTEX. 2015;32(3):201_10. Balks E, Gyra H, Kobe B, Cussler K, Werner E Development and validation of a serological potency test for the release of Leptospira vaccines _ Requirements in the European Union. Biologicals. 2013 Sep;41(5):325_9. Stokes W, Srinivas G, McFarland R, Kulpa_Eddy J, Casey W, Walker A, Draayer H, Sebring R, Brown K, Balks E, Stirling C, Klaasen E, Hill R, Rippke B, Ruby K, Alt D, Mukhopadhyay S, Kojima H, Johnson N, Rinckel L, Doelling V, Jones B. Report on the international workshop on alternative methods for Leptospira vaccine potency testing: State of the science and the way forward. Biologicals. 2013 Sep;41(5):279_94 Balks E, Wolf C, Loessner H, Werner E. Towards in vitro potency testing of inactivated erysipelas vaccines. Dev Biol (Basel). 2012;134:37_44 Romberg J, Lang S, Balks E, Kamphuis E, Duchow K, Loos D, Rau H, Motitschke A, Jungbäck C. Potency testing of veterinary vaccines: the way from in vivo to in vitro. Biologicals. 2012 Jan;40(1):100_6. Midtlyng PJ, Hendriksen C, Balks E, Bruckner L, Elsen L, Evensen O, Fyrand K, Guy A, Halder M, Hawkins P, Kisen G, Romstad AB, Salonijs K, Smith P, Sneddon LU. Three Rs Approaches in the Production and Quality Control of Fish Vaccines. Biologicals. 2011 Mar;39(2):117_28. Gravendyck M, Balks E, Schroder_Gravendyck AS, Eskens U, Frank H, Marschang RE, Kaleta EF. Quantification of the herpesvirus content in various tissues and organs, and associated post mortem lesions of psittacine birds which died during an epornithic of pacheco's parrot disease (PPD). Avian Pathol. 1998;27(5):478_89. Cussler K, Balks E. [100 years of erysipelas prophylaxis: significance and reduction of animal experiments]. ALTEX. 2001;18(1):29_33. German. Braun C, Kostka V, Balks E, Redmann T, Helmuth R. Comparative studies of diagnostic bacteriological methods for the recovery of Salmonella from faecal samples from flocks of layers. Zentralbl Veterinarmed B. 1998 May;45(4):245_50 Kostka VM, Hoffmann L, Balks E, Eskens U, Wimmershof N. Review of the literature and investigations on the prevalence and consequences of yeasts in reptiles. Vet Rec. 1997 Mar 15;140(11):282_7. Review Kostka VM, Krautwald_Junghanns ME, Balks E. [Polyostotic hyperostosis in a plum_headed parakeet (Psittacula cyanocephala L., 1766)]. Tierarztl Prax. 1996 Feb;24(1):36_40. German. Balks E. Occurrence, diagnosis and pathogenic relevance of avian haematozoa Vet. med. Dissertation, 1995 Fischer_Löw Verlag. German.

Projects

3R_Project on Consistency Approach (vac2vac/IMI call)(<http://www.vac2vac.eu/partners/pei>) 3R_Project on in_vitro alternatives for batch potency testing of tuberculin EPAA Validation study on the cell culture tests as alternatives to two animal methods used as in_process controls for the manufacture of a vaccine against Clostridium septicum. BSP168 Replacement of a multicomponent Clostridia reference serum

Memberships

German Veterinary Society (DVG) German Society for Hygiene and Microbiology (DGHM) EMA's 3RsWP

Other Relevant Information