

Deborah A. Champ, DVM, MPVM
Independent Contractor
EDGE VCG, LLC

Career Summary: Lead veterinary epidemiologist and biostatistician with proven record of achievement in developing effective study designs and data analysis procedures which have consistently been applied effectively in attaining numerous U.S. and E.U. registrations of veterinary biologics. Strong experience and skills in developing biostatistical methods which have been essential to product license defense efforts such as vaccine efficacy challenge studies, potency test reference requalification, potency test validation, bioequivalence demonstrations, diagnostic test kit requirements, statistical modeling and product stability studies and formulation optimization.

Professional Experience

D.A.C. Consulting

Ames, Iowa

June 2013 to present

Statistical Consultant

Serving the Veterinary Biologics Industry. Services include protocol review and study design, statistical analysis and data formatting for submission.

Boehringer-Ingelheim Vetmedica

Fort Dodge, Iowa

November 2009 to May 2013

Biostatistician/Veterinary Epidemiologist

Company was divested to Boehringer-Ingelheim as part of the Pfizer acquisition of Wyeth. Job duties were a continuation from previous position as part of the divested products. as well as product formulation optimization studies.

Fort Dodge Animal Health (Division of Wyeth)

Fort Dodge, Iowa

July, 1999 to October 2009

Veterinary Analytical Epidemiologist:

Review study design, apply statistical methods, and perform data analysis for biologic R&D, production, and quality control studies. Complete knowledge and understanding of 9CFR regulations, VS Memo 800 series guidance documents and VICH guidance documents.

Implement design recommendations, develop and implement appropriate statistical methods and collaborate on report writing. Proficiency in statistical methodology including generalized linear mixed models, non-linear mixed models, and non-parametric methods. Proficiency in software packages: SAS, StatXact Procs, nQuery, Combistats (EDQM) as well as Microsoft Office.

Served as lead biostatistician on all the company veterinary biologics licensing project teams and licensed product support teams. Multiple USDA product licenses and non-US product approvals were achieved during this time period.

Education

1995 to 1996 University of California-Davis, Davis, CA
Master of Preventive Veterinary Medicine
1991 to 1995 University of Missouri-Columbia, Columbia, MO
Doctor of Veterinary Medicine
1988 to 1991 University of Missouri-St. Louis, St. Louis, MO
Master of Business Administration
1975 to 1978 University of Missouri-Columbia, Columbia, MO
Bachelor of Science

Professional Certification

2001 American College of Veterinary Preventive Medicine, Awarded diplomate status

Professional Memberships and Affiliations

Animal Health Biologics Statisticians Group- past chair
Association of Veterinary Biologics Companies

Select Publications and Presentations

June 2023
American College of Veterinary Internal Medicine Forum
Poster Presentation
Philadelphia, PA
Prevention of Mortality by Canine Parvovirus Monoclonal Antibody Treatment After
Experimental Challenge

February 2001
American Association of Swine Practitioners
Knoxville, TN
Efficacy and Safety of Fort Dodge Animal Health's Bivalent Swine Influenza Vaccine

August 1999
World Association for the Advancement of Veterinary Parasitology
Copenhagen, Denmark
Safety of a Commercial Giardia lamblia Vaccine under Field Conditions

January 27, 1997
Archives of Internal Medicine
Vol. 157(2): 204-8
Risk Factors for sporadic infection with Escherichia coli O157:H7