



ABOUT

Greta M. Krafzur, DVM, MpSc, PhD, DACVP Pathologist, USA

~5 Years' Experience

Areas of Expertise

- Pulmonary Hypertension
- Heart Failure
- Challenge Model Development Biologics
- Bovine Pathology
- Porcine Pathology

My Jam

- Mother to 3 Sons
- Sled Dog Veterinary Medicine
- Cattle
- Classical Music

Greta Krafzur joined Inotiv as a veterinary anatomic pathologist in Boulder in May 2022. Prior to this, she had 2 years' experience in the animal health CRO environment serving as the clinical veterinarian, investigator and pathologist for challenge model development, vaccine efficacy and CVB requalification studies in production animals conducted at RTI, LLC in Brookings, SD. Prior to her tenure at RTI, she was an assistant professor and diagnostic pathologist at the South Dakota State University Animal Disease Research and Diagnostic Laboratory.

Dr. Krafzur received her DVM from Colorado State University, where she also completed her anatomic pathology residency and PhD coursework. She was a T32-fellow at the University of Colorado Denver Anschutz School of Medicine in the Cardiovascular Pulmonary Research Lab specializing in large animal models of WHO Groups 2 and 3 pulmonary hypertension. For nearly 8 years she has directed experiments and performed complex in vivo procedures aimed at understanding pulmonary adaptations to hypobaric hypoxia utilizing neonatal calves. Her dissertation research utilizes cattle as a naturally occurring model of pulmonary hypertension (PH) on left heart disease (WHO Group 2 PH), the fastest growing segment of human PH patients for which no specific therapies exist. To this end, Greta has taken a One Health approach to dissecting the mechanistic underpinnings of congestive heart failure and PH in cattle, focusing on the molecular signature of bovine epicardial adipose tissue as potential risk factor for disease and a platform for mechanistic understanding of the human condition.

Her passion lies in pulmonary vascular biology, particularly bronchopulmonary anastomoses, and pulmonary venous remodeling in addition to cardiac adiposity and fibrosis. Greta is a member of the American Thoracic Society and Pulmonary Vascular Research Institute, presenting and publishing work at these venues. Greta looks forward to expanding her expertise to rodent models of PH and heart failure.

