

Mark Hoenerhoff

DVM, PhD, DACVP

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Senior Director, Investigative and Molecular Pathology
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ABOUT

Dr. Mark Hoenerhoff joined Inotiv in 2022 as a veterinary anatomic pathologist with over twenty years of experience in biomedical research, comparative and toxicologic pathology. As the Senior Director of Investigative and Molecular Pathology, Dr. Hoenerhoff provides oversight and direction for the Investigative Pathology team at Inotiv-Boulder, as well as the Boulder Histology, Immunohistochemistry/Immunofluorescence, and Digital Imaging groups.

Dr. Hoenerhoff has interests in animal models of human disease, investigative pathology, and toxicologic pathology of the endocrine, respiratory, musculoskeletal, ocular and otic systems. Furthermore, he is interested in pathology training and mentorship, and is active in multiple scientific societies including the ACT, ACVP, SOT, ASIP, and STP, of which he is a past-president.

Prior to joining Inotiv, Dr. Hoenerhoff was a Clinical Professor and anatomic pathology with the In Vivo Animal Core, Unit for Laboratory Animal Medicine, at the University of Michigan Medical School, where he was responsible for collaborative research with university scientists, diagnostic pathology of laboratory animal species, and pathology training of veterinary clinical laboratory animal residents. Prior to this, Dr. Hoenerhoff was Head of the Investigative Pathology Group at the National Toxicology Program, responsible for elucidation of molecular mechanisms of neoplasia in the NTP chronic rodent bioassay and their relevance to human exposures and cancer.

Dr. Hoenerhoff received his DVM from Michigan State University, and following three years in private practice, returned to MSU to pursue veterinary anatomic pathology residency training. Following residency training, Dr. Hoenerhoff pursued his dissertation research at the National Cancer Institute, National Institutes of Health, where he studied stem cell theory of cancer and transgenic rodent models of breast and prostate cancer.



AREAS OF EXPERTISE

- Anatomic pathology
- Investigative pathology
- Animal models/GEMS
- Ocular pathology
- Endocrine pathology
- Fish and aquatic species pathology

MY JAM

- Camping
- Travel
- Fishing
- Boating

