PennVet
Comparative Pathology Core

Comparative Pathologist

Penn Vet Comparative Pathology Core, School of Veterinary Medicine, University of Pennsylvania, USA

Job Description:

The Penn Vet Comparative Pathology Core (CPC) at the University of Pennsylvania, School of Veterinary Medicine, invites applications for a research fellow position in experimental and comparative pathology.

The CPC is an established core facility within the Department of Pathobiology and a fully integrated shared resource within the NIH/NCI-funded Abramson Cancer Center since 2015. The main objective of the CPC is to provide expert pathological characterization of experimental animal models to fulfill the growing needs of the local biomedical community performing in vivo studies as part of their basic and translational research endeavors. In this context, the CPC plays a vital role as it supports several major research programs within the University of Pennsylvania and closely related institutes such as the Abramson Cancer Center, the Children's Hospital of Philadelphia, and the Wistar Institute. To accomplish its mission, the CPC offers the expertise of board-certified veterinary pathologists and access to a state-of-the-art platform for histology services, molecular staining of tissue samples, and digital pathology.

This position will primarily contribute to the mission of the CPC by providing expertise in experimental and comparative pathology. Main responsibilities and duties include:

- Expert interpretation of pathological endpoints in the context of diverse preclinical/experimental settings with accurate and timely reporting of pathological findings. While humanized and genetically engineered mice represent the majority of the caseload, studies using rats, dogs, non-human primates, sheep, and pigs are also frequently performed.
- Interaction with scientists and investigators to design experiments, discuss results and plan follow-up studies as pertain to the specific research context.
- Provide guidance to investigators, students, and laboratory technicians in all those activities and techniques related to comparative pathology (e.g., necropsy, sample preparation, development of multiparametric histopathological scoring system, digital image analysis, etc.).
- Contribute to the general management and supervision of routine laboratory activities/services.
- Contribute to the teaching/training of veterinary pathology residents and veterinary students rotating with the CPC.

This position represents a unique opportunity for candidates who want to deepen their understanding of comparative pathology applied to the most innovative aspects of translational research including the study of in vivo models for cellular therapies (e.g., CAR T cells and stem cells). While the primary role of this position is to support the service activities of the CPC, the program offers ample opportunity to carry out independent projects focused on developing

accurate clinicopathological strategies to assess the phenotype of new and existing experimental animal models

Qualifications:

Applicants should have a DVM/VMD and be board-eligible or board-certified in Anatomic Pathology by the American, European, or Japanese College of Veterinary Pathologists; experience with rodent pathology and digital image analysis is desirable. The salary will be commensurate with the applicant's qualifications, training, and experience. The application deadline is June 4, 2022, or until the position is filled. Review of applications will begin immediately and continue until a suitable candidate is found.

Application Instructions:

To apply for this position, please send cover letter, curriculum vitae, and the names and contacts of 3 references to the following email address: comppathologycore@vet.upenn.edu

Further information on the position can be obtained by contacting Dr. Enrico Radaelli, Director of the Comparative Pathology Core, enrada@vet.upenn.edu

To learn more about the Penn Vet Comparative Pathology Core:
https://www.vet.upenn.edu/research/core-resources-facilities/comparative-pathology-core