

NEW COURSE OFFERING
Department of Comparative Medicine
C MED 592, Winter Quarter 2009

Selected Topics: Comparative Pathology for Scientists

Time/Location: Mondays and Wednesdays from 3:30 PM to 4:50 PM,
Room T-474 HSB

Course Director: Charles W. Frevert, DVM, ScD, 206-221-0364

- C MED 592 is three-credit course designed to provide graduate students with a better understanding of comparative pathology and physiology as applied to animal models of human disease.
- Graduate students in environmental health, pharmaceuticals, toxicology, pathobiology, pharmacology, bioengineering and others considering a career path in either academic research or in the biotechnology industry will find this course especially useful.
- This course offers an introduction to the interpretation of pathological changes in animals used for biomedical research, with a focus on the mouse, but including comparative pathology of other species.
 - ❖ Overview on studies used for new drug discovery
 - ❖ •Overview on toxicogenomics and hazard assessment
 - ❖ Overview on the use and analysis of genomics, proteomics, and metabolomics in animal studies
- Structured as a problem-based learning (PBL) course and taught by a team of scientists from both academia and industry with expertise in a variety of disciplines.
- It is expected that students will have a basic understanding of anatomy and physiology prior to taking this class.
- Class size will be between 5 to 15 students
- **Questions:** Contact Cecil Mancebo if you have questions regarding the course or registration for the course.
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