CTSC 5270  
Hepatobiliary Pathobiology

Faculty: Harmeet Malhi, MBBS  
Credti: 1  
Quarter: Summer (even years)  
Prerequisites: None

Overview  
Twelve interactive lectures given by topic-specific experts will give students an understanding of basic hepatobiliary pathophysiology with a strong emphasis on research methodology. Areas of research approaches will include state-of-the-art cellular and molecular biology methods. Principles and methodologies of cancer genetics and genetics of complex disease relevant to liver disorders will be presented. An array of experimental approaches and concepts from *in vitro*, *in vivo*, to animal models are incorporated in the presentations.

Objectives  
- To explain hepatobiliary pathophysiology  
- To explore research approaches and methods appropriate for hepatobiliary study

Evaluation  
Students will be evaluated on a multiple choice final exam that will cover material from the course’s twelve lectures. Students are expected to attend and participate in all class sessions.

Students should expect to spend approximately two to four hours of time per week on this 1-credit course.

For specific dates and times this course is provided, please see the quarterly detailed course schedule.