Clinical Research AY1314 Pathology 390 Renal Pathology

Hosting Department Pathology

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Course Learning Objectives
• learn about the specific indications for kidney biopsies
• understand the basic workflow of the medical kidney biopsy
• be able to describe the fundamental histopathologic reactions in the kidney and how they manifest in clinical disease states

Course Description
Renal pathology (or nephropathology) is a unique field that draws together many aspects of pathology and clinical medicine. We'll explore structure-function relationships in medical kidney diseases affecting native and transplanted kidneys, and also become exposed to the practical aspects of the field by following kidney biopsies from procurement at the bedside through examination by light microscopy, immunofluorescence microscopy, and electron microscopy. Students will also interact with nephrology teams, transplant surgery teams, and hospitalists at interdisciplinary conferences during the week.

Competencies Scientist, Communicator, Problem Solver, Advocate, Communicator, Problem Solver

Interdisciplinary Yes: Pathology, Medicine
Interprofessional No
Prerequisites HDB and OSD.
Evaluation Effort, Participation
Case Presentation, Journal, Oral Presentation
Completion of a pre- and post-test/survey; involvement in cases; and development of learning modules for second year students.

Location Biotech Three and University Campus

Day One Instructions Meet Dr. Vanguri in the Department of Pathology on the second floor of Biotech Three at 9:00 AM. Parking is limited at Biotech, so it's best to park at the medical school and walk across the street and up the hill.

Dates & Number of Students


FE: Spring Break