

SPECIAL SEMINAR SERIES

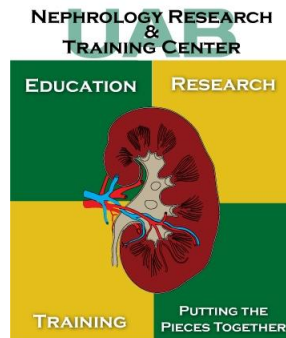
Core Competencies in Kidney Research

“Kidney Structure-Function Analysis: Experimental Approaches using Microscopy”

Lisa M. Curtis, PhD
Assistant Professor
UAB Division of Nephrology

Zeigler Research Building, Conference Room 644
Thursday, May 2, 2013
3:30-5 pm

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The overarching goal of this core curriculum is to provide a basic understanding of the study of renal disease in animal models. Fundamental to this process is an understanding of human renal biology, the similarities between kidneys of the human and rodent (or other animal models), and the physiology, cell and molecular biology of individual cell and tissue compartments of the kidney in health and disease. This series of lectures will teach basic renal physiology, discuss current cutting-edge research on various topics, and describe current modalities utilized to study renal disease. Existing understanding of injury and repair in the kidney will be examined as well as complex associations between different disease settings, acute versus chronic.