
ANAT 7810

Research Design and Methods I

Fall 2017
August 7 – Dec 17, 2017

Goals

1. To develop the skills required for processing and obtaining information from tissue through protein interactions
2. To understand how to interpret results from tests of protein interactions

Students will be expected to have achieved theoretical and preliminary laboratory competence in these techniques by the end of the course.

Course format

In-depth study and practicum of research methods used in biomedical research.

Students will attend a series of lectures and practical sessions on the principles of centrifugation, tissue preparation for protein extractions, western blotting, RNA isolation and real time PCR, plating and cell culture techniques, and gel doc recording.

Attendance at all sessions for the course is mandatory.

Grading

The course will be assessed by multiple choice examination and/or short answer questions. Final grade for the course will be presented as a letter grade according to the BMS grading scheme.

Course Director:

Dr. Anbalagan

Credits: 3

Dates of class:

Thursdays 2:00-4:00PM

Required:

Attendance at lectures and labs

Grades:

Final grades will be posted in Blackboard at the end of the course
