

CB7300 Sec 002– Special Topics in Cancer Biology

Preclinical Imaging Modalities

Course Director: Viola-Villegas

Start Time: 10:00 am

Lecture location: HWCRC 7/F Conference Room for lecture

Session	Date	Instructor	Topic	Total time allotted	Location
1	01/10	Mohammadreza Nasiriavanaki	Optical coherence tomography/Diffused optical tomography Lecture	1 h	HWCRC 7/F
2	01/17	Mohammadreza Nasiriavanaki	Optical coherence tomography/Diffused optical tomography Lab	1.5 h	TBD
3	01/24	Maha Srinivasan	Radiation Safety	1.5 h	HWCRC 7/F
4	01/31	Maha Srinivasan	Radiation Safety Exam	1h	HWCRC 7/F
5	02/07	Jessica Back	Optical Imaging Lecture	1 h	HWCRC 7/F
6	02/14	Jessica Back	Optical Imaging Lab	1 h	Elliman MICR
7	02/21	Mohammad Mehrmohammadi	Ultrasound and Photoacoustic imaging	1 h	HWCRC 7/F
8	02/28	Mohammad Mehrmohammadi	Ultrasound and Photoacoustic imaging Lab	1.5 h	TBD
9	03/07	Nerissa Viola-Villegas	PET/SPECT/CT Lecture	1 h	HWCRC 7/F
10	03/14	Nerissa Viola-Villegas	PET/CT Lab	1.5 h	Elliman MICR

Total # of hours: 12 h

of credits: 1

Learning Outcomes: At the end of the course, the student will gain an appreciation of molecular imaging techniques through didactic courses and hands-on laboratory instruction.

Grading:

Radiation Safety Exam: 10%

Final Exam: 90%