

Cancer Biology Pathway
L41-5196 SPECIAL EMPHASIS PATHWAY IN CANCER BIOLOGY

Coursemaster: Jeffrey Magee, MD, PhD, Associate Professor of Pediatrics

This course is designed to present pre and post doctoral trainees with an organized educational format to explore major contemporary topics in cancer biology. The elective will provide an integrated view of cancer research including basic science, translational science and clinical investigation. Approximately 50 minutes will be devoted to a didactic presentation by a faculty member with interaction by the participants. the remaining 30 minutes will be used to discuss a pivotal research paper from this field, preselected by the faculty member.

Outside reading will be required (30-60 minutes per week).

Email scc.research.training@gowustl.onmicrosoft.com if you would like a link to join any of the following sessions.

2021 Spring Semester Schedule

Unless noted, all sessions will be held from 12:00 - 1:30 PM via Zoom

Date	Speaker	Title/Topic
January 12	Lee Ratner	Introduction
January 19	Brian Van Tine	Osteosarcoma Tumor Metabolism
January 26	David Wilson	Fanconi Anemia
February 2	Jacqueline Payton	Discoveries in Epigenomics Drive Precision Medicine Approaches in Lymphoma
February 9	Sima Bhatt	Immunotherapies for Pediatric Pre-B ALL
February 16	Grant Challen	Clonal Evolution of Blood Cancers
February 23*	Charles Kaufman	Using Zebrafish Melanoma Models to Study Cancer Initiation
March 2	David Gutmann	Microenvironment control of pediatric brain tumor formation and growth
March 9	Luis Batista	Mutations in Telomerase and Telomere Dysfunction as Initiating Events in Pediatric Cancer Prone Syndromes
March 16	Jeffrey Bednarski	DNA damage signaling in B cell development and leukemogenesis
March 23	No Seminar	
March 30	Laura Schuettpelez	Inflammation and cancer
April 6	Josh Rubin	The Biology of Sex Differences in Cancer
April 13	Jeffrey Magee	Pediatric acute myeloid leukemia
April 20	Visiting Speaker	

*Starts at 12:30