

Updated: 1/27/2025

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 postdoctoral 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 60 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).

Registered L41-5196 students and Cancer Biology Pathway & Myelodysplastic Syndrome Program trainees: In-person attendance required. Contact admin to review extenuating circumstances allowing for virtual attendance.

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

Date	Speaker	Title/Topic	Locations
*January 14, 2025 11:00 AM-2:00 PM	Kickoff Luncheon: CPB & MDS Trainees	Overview and Presentations	MCC, 11 th floor, Main Conference Room
January 21	Jeff Magee, MD, PhD	Introduction & Overview of Pediatric Oncology	MCC, 11 th floor, Main Conference Room
January 28	Grant Challen, PhD	Clonal Evolution of Hematopoietic Stem Cells to Blood Cancers	MCC, 11 th floor, Main Conference Room
February 4	Andrew Young, MD, PhD	Blood-Based Genomic Biomarkers for Cancer Detection	MCC, 11 th floor, Main Conference Room
February 11	David Wilson, MD, PhD	Fanconi Anemia	MCC, 11 th floor, Main Conference Room
*February 18	Josh Rubin, MD, PhD	Gender and Sex Interaction in Cancer	MCC, 11 th floor, Main Conference Room
February 25	Jeffrey Bednarski, MD, PhD	DNA Damage Signaling in B Cell Development and Leukemogenesis	MCC, 11 th floor, Main Conference Room
March 4	Margaret Ferris, MD, PhD	The Role of the Retinoid X Receptor in AML	MCC, 11 th floor, Main Conference Room
March 11	Spring Break – No Class		MCC, 11 th floor, Main Conference Room
March 18	NO SPEAKER		MCC, 11 th floor, Main Conference Room
March 25	NO SPEAKER		MCC, 11 th floor, Main Conference Room
April 1	Laura Schuettzel, MD, PhD	Inflammation and Cancer	MCC, 11 th floor, Main Conference Room
April 8	Charles Kaufman, MD, PhD	Zebrafish Models of Disease	MCC, 11 th floor, Main Conference Room
April 15	Nicole Brossier, MD, PhD	Obesogenic Diet Modulates CNS Tumor Formation in NF1	MCC, 11 th floor, Main Conference Room
April 22	Stephen Sykes, PhD	One-Carbon Metabolism in Human Cancer	MCC, 11 th floor, Main Conference Room
April 29	David Gutmann, MD, PhD	Cancer Neuroscience	MCC, 11 th floor, Main Conference Room
May 20	Thales Papagiannakopoulos, PhD , New York University	Mechanisms of Disease Progression in Lung Cancer	TBD

Zoom available for non-registered or non CBP/MDS participants and trainees

Schedule subject to change throughout the semester. Updates maintained in Box.