

Recorded lectures are now available for the ***Cancer for Neuroscientists and Neuroscience for Cancer Biologists*** course held in October 2024. This course was organized by Drs. Humsa Venkatesh and Tracy Batchelor (Brigham and Women's Hospital) and was supported by the National Cancer Institute of the National Institutes of Health under Award Number T32CA272386, a T32 training grant in Cancer Neuroscience.

Cancer Neuroscience Virtual Course Link

Cancer Biology for Neuroscientists – Session 1 of 3

Friday, October 4 | 12:00 PM to 3:30 PM EST

- 12:00 – 1:30 Cancer Biology 101 – Robert A. Weinberg, PhD / MIT
- 1:30 – 2:00 Brain Tumor Microenvironment – Francisco J. Quintana, PhD / BWH (lecture not recorded)
- 2:00 – 2:30 Epigenetics of Pediatric Brain Tumors – Mariella G. Filbin, MD, PhD / DFCI / BCH
- 2:30 – 3:00 Cancer metabolism – Sam McBrayer, PhD / UTSW
- 3:00 - 3:30 Vascular Biology of Tumors – Rakesh Jain, PhD / MGH

Neuroscience for Cancer Biologists – Session 2 of 3

Friday, October 11 | 12:00 PM to 3:00 PM EST

- 12:00 – 1:30 Neuroscience 101 – Rosalind Segal, MD, PhD / DFCI
- 1:30 – 2:00 Glia within the Brain Microenvironment – Benjamin Deneen, PhD / BCM (lecture not recorded)
- 2:00 – 2:30 Neuroimmune Axis – Sebastien Talbot, PhD / Queen's University
- 2:30 – 3:00 Neuro-glial Interactions – Erin Gibson, PhD / Stanford University

Cancer Neuroscience – Session 3 of 3

Monday, October 21 | 9:00 AM to 12:00 PM EST

- 9:00 – 9:30 Hijacking the CNS – Michelle Monje, MD, PhD / Stanford University
- 9:30 – 10:00 Neural properties of tumor cells – Frank Winkler, MD, PhD / DKFZ
- 10:00 – 10:30 Systemic interactions between the nervous system and cancer – Erica Sloan, PhD / Monash University
- 10:30 – 11:00 Peripheral innervation of extra-cranial tumors – Timothy C. Wang, MD / Columbia University (lecture not recorded)
- 11:00 – 11:30 Clinical implications of cancer neuroscience – Shawn Hervey-Jumper, MD / UCSF (lecture not recorded)