



CASE WESTERN RESERVE
UNIVERSITY
Case Comprehensive
Cancer Center



SEMINAR SERIES

Presented by the Cancer Genomics and Epigenomics Research Program



OCT 23
2026

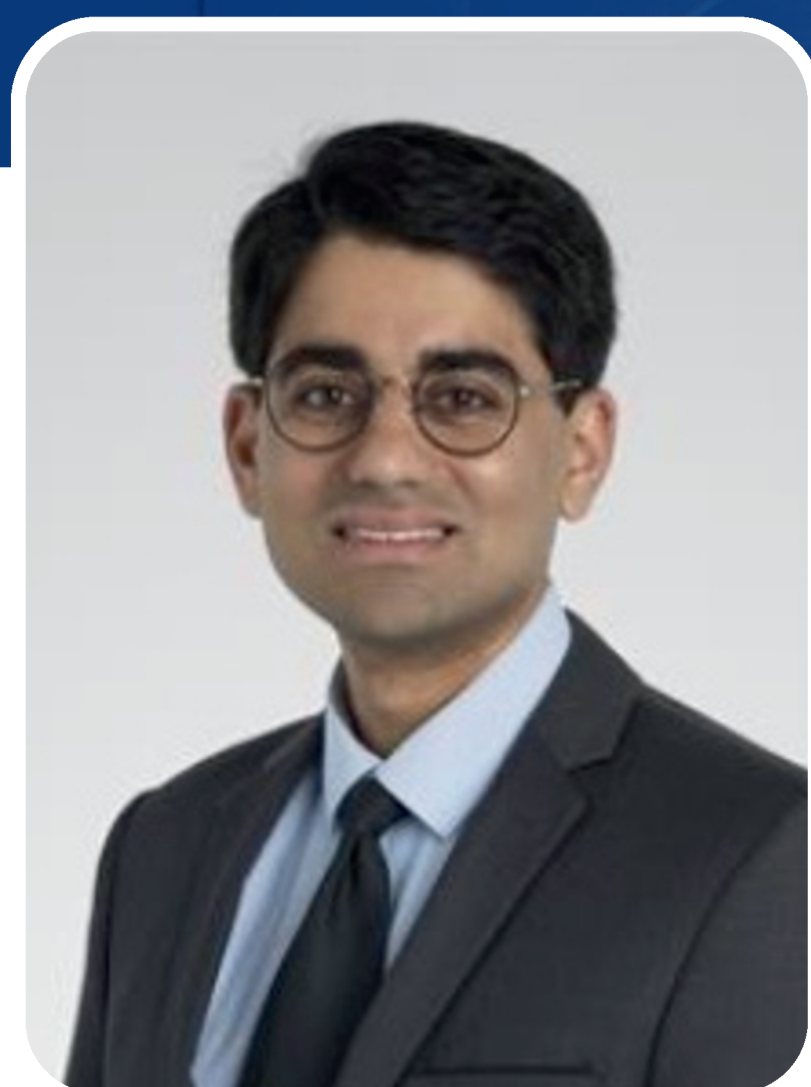


12:00
p.m.



****LOCATION CHANGE****

Biomedical Research Building
Auditorium (BRB 105)
2109 Adelbert Road
Cleveland, OH 44106



“Every Patient, More Signal: Data Science in Neuro-Oncology”

Andrew Dhawan MD DPhil FRCPC

**Assistant Professor of Neurology, Cleveland
Clinic Lerner College of Medicine**

Andrew Dhawan, MD, DPhil, FRCPC, is a neuro-oncologist and physician-scientist at the Rose Ella Burkhardt Brain Tumor & Neuro-Oncology Center, Cleveland Clinic, and Assistant Professor of Neurology at the Cleveland Clinic Lerner College of Medicine. He trained in mathematics at the University of Waterloo, completed a DPhil in Oncology at Oxford in computational genomics and non-coding RNA biology, and holds an MD from Queen's University (Canada). His work asks how to get more signal out of every patient. His lab, combines genomics and mathematical modeling to study how microRNA processing, astrocytes, and the irradiated brain microenvironment shape glioblastoma and treatment resistance. In clinical studies, his lab uses wearable monitoring and machine-learning models built on routine data, such as CSF and MRI, to detect change earlier without adding tests. He also leads care guidelines for PTEN hamartoma tumor syndrome (PHTS) and established the first clinic for adults with PHTS and neurologic symptoms. Overall, Dr. Dhawan's work bridges specialized clinical care, guideline development, biomarker discovery, and translational therapeutic development, with the goal of improving outcomes for patients with brain tumors and inherited disorders of the nervous system.

case.edu/cancer/events/seminar-series

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