

CSCB Virtual Seminar Series

Macrophages and Dendritic Cells in the Tumor Microenvironment.

Date: 29th March 2022 (Tuesday)

Time: 10am (SGT)

[EST: 28th March 2022 (Monday), 10pm]

Venue: *via Zoom*

For details, please contact:

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Abstract:

The Haldar Laboratory is part of the Department of Pathology and Laboratory Medicine, the Abramson Family Cancer Research Institute, and the Institute for Immunology in the Perelman School of Medicine at the University of Pennsylvania. Research in our laboratory is at the intersection of innate immune system and solid tumor biology. Specifically, we study monocytes, macrophages, and dendritic cells, collectively known as mononuclear phagocytes, with an emphasis on their role in the tumor microenvironment. In our approach, we utilize genetically engineered mouse models, patient-derived samples, high dimensional immune and genomic profiling. In this seminar, I will outline our recent work in understanding the differentiation, function, and heterogeneity of mononuclear phagocytes in tumors and our efforts to target these cells for cancer immunotherapy.

Speaker:



Malay Haldar, MD, PhD

Assistant Professor, Department of Pathology and Laboratory Medicine

Assistant Investigator, Abramson Family Cancer Research Institute

Abramson Cancer Center, Sarcoma Program

University of Pennsylvania Perelman School of Medicine

Dr. Haldar cross-trained in cancer biology, immunology, and clinical pathology. After completing his medical degree, he pursued PhD in sarcoma biology with Dr. Mario Capecchi, a Nobel laureate at the University of Utah. He also completed a clinical residency in pathology and conducted post-doctoral research at Washington University with Dr. Kenneth Murphy, an immunologist and a member of the National Academy of Sciences. In his own laboratory at the University of Pennsylvania he has built upon his diverse research and clinical background to study solid tumor immunity.

Host:

David Virshup

Professor & Director

Programme in Cancer & Stem Cell Biology

Duke-NUS Medical School

Singapore

**No registration is required
for attendance via Zoom.
All are welcome.**