Biomedical Informatics Grand Rounds



State of the cell and the genome in cancer

Dr. Sridhar Hannenhalli, PhD

Senior Investigator and Acting Co-Chief, Cancer Data Science Laboratory
Head, Gene Regulation Section

Center for Cancer Research, NCI, NIH

Wednesday, Nov. 18, 2026
3:00 pm - 4:00 pm

Location: MART Building, Room 7M-0602 (7th Floor)

Remote Access
Join Zoom meeting
https://stonybrook.zoom.us/j/95617197636?pwd=KytzZ2pVRG9SZGpKZUtpNXJISjNjZz09

Meeting ID: 95617197636
Passcode: 924293

Educational objectives:

1. Understand cell state as the consequence of transcriptional noise and gene regulatory networks.
2. Describe "edge" cell states as a non-genetic route to pre-neoplasia.
3. Articulate the concept of pre-existing and early induced transcriptional states as drivers of long-term drug resistance.
4. Analyze how non-coding regulatory variants contribute to ancestry-based disparities in prostate cancer risk.

Disclosure Statement: The faculty and planners have no relevant financial relationship with ineligible companies, whose primary business is producing, marketing, selling, reselling, or distributing health care products used by or on patients.

Continuing Medical Education Credits: The School of Medicine, State University of New York at Stony Brook, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The School of Medicine, State University of New York at Stony Brook designates this live activity for a maximum of **1** ***AMA PRA Category 1 Credits™.*** Physicians should only claim credit commensurate with the extent of their participation in the activity.