



Biomedical Informatics Grand Rounds

Sequence Assembly still matters in the age of AI



*Mihai Pop, Ph.D.,
Professor of Computer Science and co-director,
University of Maryland Center of Excellence in
Microbiome Sciences*

**Wednesday Apr 15th, 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. Demonstrate the use of DNA sequencing for pathogen identification/detection.
2. Explain the difference between read-based and assembly-based analyses of microbiome data.
3. Highlight analyses that are only possible from assembled sequencing data.
4. Describe how database errors can affect the accuracy of analytic pipelines.

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.