

The David L. Weaver Endowed Lectures in Biophysics and Computational Biology



Dr. Aviv Regev

Executive Vice President and Head of Genentech Research and Early Development, Core Member at Broad Institute of MIT and Harvard, Department of Biology, Professor at Massachusetts Institute of Technology, Investigator at the Howard Hughes Medical Institute

*Design for Inference in Biology,
or How to Learn the Convolutions of Life*

Dr. Aviv Regev is the head of Genentech Research and Early Development. Prior to Genentech, Regev served as Chair of the Faculty and Core Member at the Broad Institute of MIT and Harvard, and as Professor of Biology at MIT and Investigator at the Howard Hughes Medical Institute. She is a founding co-chair of the Human Cell Atlas. Regev is a leader in deciphering molecular circuits that govern cells, tissues and organs in health and their malfunction in disease. Her lab has pioneered foundational experimental and computational methods in single-cell genomics, working toward greater understanding of the function of cells and tissues in health and disease, including autoimmune disease, inflammation and cancer. She is a member of the National Academy of Sciences and National Academy of Medicine, and a Fellow of the International Society of Computational Biology. She is a recipient of multiple prizes and honors, including recently receiving the L'Oreal-UNESCO Women In Science Award.

**Friday, November 3, 2023
3:00pm-4:00pm
Genome And Biomedical Sciences
Facility, Auditorium**

Reception to follow

The lecture is free and open to the community. The series honors the memory of David L. Weaver, a distinguished biophysicist and professor at Tufts University for whom the endowment was established in 2006.