Big Data Training for Cancer Research

Special Lecture Series

The Bioconductor Project:

Software for Comprehending High-Throughput Biology

Dr. Sean Davis

July 9, 2025, 1:00 – 2:15 PM (PDT)

Sue Gross Auditorium, Susan & Henry Samueli College of Health Sciences

Speaker Bio:
Dr. Davis is a pediatric oncologist and biomedical data scientist. He joined the University of Colorado School of Medicine and Comprehensive Cancer Center in January, 2021. Previously, he spent 19 years at the National Institutes of Health in the Intramural Research Program at NHGRI and NCI. His research interest is in the development and application of software, tools, and databases for comprehending genomic and other high-throughput biological data.

Abstract:
Bioconductor is a large, open-source, open-development NIH-funded project for analyzing and comprehending high-throughput biological data such as genomics. We will discuss the Bioconductor project and community, focusing on resources related to and supporting cancer research.