10:00-10:45 AM Katrine Whiteson  
Microbiome Initiative  
Unique Analytical Challenges of Microbiome Data

10:45-11:30 AM Bogi Andersen  
Skin Biology Resource Center  
A New View of Epidermal Differentiation Through Single Cell RNA Sequencing

11:30 AM-12:15 PM Arash Kheradvar  
KLAB  
Synthetic Medical Imaging Based on Generative Adversarial Networks

12:15-1:15 PM Lunch – Calit2 Foyer

1:15-2:00 PM Daniel Quang  
DNAnexus  
Leveraging Machine Learning in Biomedical Research Using DNAnexus Secure Cloud Platform

2:00-2:45 PM Jonathan Chen  
Stanford University  
Recommender Algorithms for Medical Decision Making

2:45-3:30 PM S. Joshua Swamidass  
Washington University Saint Louis  
Applying AI in Chemistry, Biology, and Medicine

3:30-4:15 PM Jianlin Cheng  
University of Missouri – Columbia  
Deep Learning Methods for Predicting, Evaluating, and Refining Protein Complex Structures

4:15-5:15 PM Reception – Calit2 Foyer