Catalyzing Progress: Innovative Collaboration in Translational Neuroscience

September 20, 2023
UC Berkeley Bakar BioEnginuity Hub
**Welcome and Opening Remarks**
Overview of the ATN partnership and goals for the symposium

**“Leveraging Deep Learning to Unravel Complex Biology”**
Tommaso Biancalani, PhD  
Distinguished Scientist and Director, AI/ML  
Genentech

**“Systems Biology Approaches for Interrogating ALS and Parkinson’s Disease Pathways”**
Lani Wu, PhD  
Professor of Pharmaceutical Chemistry  
University of California, San Francisco  
Steven Altschuler, PhD  
Professor of Pharmaceutical Chemistry  
University of California, San Francisco

**Roundtable Discussion**
Stormy Chamberlain, PhD (Roche) and Fyodor Urnov, PhD (UCB) join in discussion to share their experiences working collaboratively within the unique academic-industry partnership. Session moderated by Ehud Isacoff, PhD (UCB) and Casper Hoogenraad, PhD (Genentech).

**Lightning Talks – Round One**
Areas of interest include:  
• Glial cell dynamics in neuroinflammation and neurodegeneration  
• Diagnostics and biomarkers  
• Gene-editing delivery platforms to CNS  
• Underlying biology of neuroprotection  
• Applied computational neuroscience.

**Networking Break**

**Lightning Talks – Round Two**

**Networking Break**

**Fireside Chat**
Andrew Chan, MD, PhD (Genentech) and Stephen Hauser, MD (UCSF) join in conversation, exploring the past, present, and future of therapy development.

**Closing Remarks**

**Networking Reception**
Located in the courtyard

Wi-Fi  Guests are welcome to use the Berkeley-Visitor wireless network. No password required.