



Room 113C: Sunday, February 11

8:30 AM – 10:00 AM

Nicoya Lifesciences

Advancing Computational Pharmacology with Digital Surface Plasmon Resonance (SPR)

Digital SPR is the next-generation SPR for analyzing biomolecular interactions in drug discovery. In this presentation, Dr. David Siderovski will share his approach on bridging computational pharmacology with experimental validation. His method includes identifying small molecule inhibitors for challenging drug targets *in silico* and validating their hits with digital SPR. Work using digital SPR for other drug discovery targets, including RGS12 for pain and addiction indications, will also be shared.

Speakers

Kyle Piccolo, Senior Scientist, Applications Development, Nicoya Lifesciences

David Siderovski, Chair and Professor, University of North Texas Health Science Center