











## Rising Stars Symposium

Friday, September 20, 2019

<b>Session 1: Chemical Biology – EIHG Auditorium, Session Chairs: Jessica Kramer &amp; Amy Barrios</b>		
9:00		<b>Welcome and Introduction – Michael Kay</b>
9:05		<b>Esther Braselmann, PhD</b> Department of Biochemistry, BioFrontiers Institute, University of Colorado Boulder <i>Riboglow, a fluorescence tagging platform to image single RNA dynamics in live cells</i>
9:25		<b>Mateo Lopez, PhD</b> Department of Genetics, Stanford University <i>Directed evolution of a faster TEV protease for FLARE</i>
9:45		<b>Stacy Malaker, PhD</b> Department of Chemistry, Stanford University <i>Enzyme toolkit for selective enrichment and analysis of mucin-domain glycoproteins</i>
10:05		<b>Justin English, PhD</b> Department of Pharmacology, University of North Carolina at Chapel Hill <i>VEGAS for mammalian directed evolution of signaling proteins</i>
<b>Break</b>		
10:45		<b>Ronak Tilvawala, PhD</b> Department of Biochemistry and Molecular Pharmacology, UMass Medical School <i>The Role of SERPIN Citrullination in Thrombosis</i>
11:05		<b>Brett Babin, PhD</b> Department of Pathology, Stanford University <i>Design of a selective inhibitor for bacterial Lon protease</i>
11:25		<b>Carlo Ramil, PhD</b> Department of Chemical Biology, Merck Research Laboratories <i>Delineating cellular interactions in the tumor microenvironment through chemical biology and proteomics</i>
<b>Lunch – by invitation only</b>		
<b>Chemical Biology @ the U – HSEB 3515B, Session Chair: Michael Kay</b>		
1:30		<b>Michael Kay, MD/PhD</b> Professor of Biochemistry, Director Biological Chemistry Graduate Program <i>Introduction to Chemical Biology @ the U</i>
1:50		<b>Amy Barrios, PhD</b> Professor of Medicinal Chemistry <i>Chemical probes put phosphotyrosine dependent cellular signaling in the spotlight</i>
2:10		<b>Katharine Diehl, PhD</b> Assistant Professor of Medicinal Chemistry <i>Using designer chromatin to elucidate histone PTM crosstalks</i>
2:30		<b>Danny Chou, PhD</b> Assistant Professor of Biochemistry <i>From Cone Snail venom to insulin drug candidate</i>