



UNIVERSITY OF MICHIGAN

CHEMISTRY-BIOLOGY INTERFACE PROGRAM 2022 SYMPOSIUM

May 19, 2022

Keynote Speakers

Chemistry Building Room 1640



Dr. Elizabeth Villa

Department of Microbiology
University of California, San Diego



Dr. Alain Laederach

Department of Biology
University of North Carolina, Chapel Hill

CHEMISTRY-BIOLOGY INTERFACE PROGRAM SYMPOSIUM

2022

Symposium Schedule

Chemistry Building Room 1640

Thursday, May 19, 2022

8:00 AM - 8:55 AM	Breakfast
9:00 AM - 9:05 AM	Opening Remarks John Montgomery PhD, Co-Director Chemistry Biology Interface Program
9:05 AM - 9:50 AM	Keynote Session: "The role of variant induced pre-mRNA structure change in controlling alternative splicing." Alain Laederach, PhD Professor of Biological Sciences, University of North Carolina - Chapel Hill
9:50 AM - 9:55 AM	Discussion
9:55 AM - 10:15 AM	"Towards CV-SANS for RNA-RNA complexes" Aldrex Munsayac, PhD Candidate, Keane Lab Department of Chemistry
10:20 AM - 10:50 AM	"Designing molecular sensors and tools for studying brain signaling" Wenjing Wang, PhD Professor of Chemistry
10:55 AM - 12:00 PM	Rapid Fire Talks
12:00 PM - 1:30 PM	Lunch & Poster Session, Chemistry Building Lower Atrium
1:35 PM - 2:25 PM	Keynote Session: "Opening Windows into the Cell: Bringing structure into cell biology using cryo-electron tomography" Elizabeth Villa, PhD Professor of Microbiology, University of California - San Diego
2:25 PM - 2:30 PM	Discussion
2:30 PM - 2:50 PM	"An Infrared Multiphoton Dissociation MS3 Workflow for the Discovery and Mass Fingerprinting of Natural Products" Joshua Salem, PhD Candidate - Håkansson Lab, Program in Chemical Biology
2:50 PM - 3:20 PM	"Molecules, Information and Chemical Synthesis" Timothy Cernak, PhD Professor of Medicinal Chemistry
3:25 PM - 4:25 PM	Chemistry-Biology Program Alumni Panel
4:25 PM - 4:30 PM	Closing Remarks