International Chemical Biology Society

Major topics:

- Determine molecular mechanisms of an active compound
- Address drug resistance challenges: from microbial to cancer therapeutics
- Interrogate diseases with chemical biology, including cancer, neurodegeneration, *and neglected diseases*
- Chemical innovations to address "undruggable" target space, such as PROTACs
- Expand the chemical space (e.g. DNA-encoded libraries, C-H functionalization)
- New chemical modalities (e.g. small molecule-peptide hybrids, macrocycles, fragment-based, supramolecular entities)
- Organism and phenotypic investigation with chemical probes
- *In silico* screening and design of molecules for unique pockets
- Emerging technologies in chemical biology
- Molecular biosensors and actuators
- Chemical biology of epigenetics, nucleic acids, glycobiology and Ubiquitin signaling
- Bioprocess in chemical biology
- Chemical biology and pharmaceutical industry
- Global chemical biology landscape- updates on new initiatives