

ICBS Agenda (Draft)

MONDAY, OCTOBER 12TH 2026

Registration

Trainee Presentations

Break

Trainee Presentations

Break

“AI-guided design of de novo proteins: From new structures to programmable molecular and cellular functions”

Dr. Tanja Kortemme, PhD (UCSF)

Reception and Networking

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TUESDAY, OCTOBER 13TH 2026

“Bioorthogonal Chemistry and New Therapeutic Modalities”

Dr. Carolyn Bertozzi, PhD (Stanford University)

Perspectives on the Future of Drug Discovery

chair: Dr. Walter Moos, PhD (UCSF)

with Barry Selick (Hinge Bio), Kathlynn Brown (SRI International), Laura Hsieh (Tipping Point), Gwenn Hansen (Nurix), Barry Bunin (CDD/Eli Lilly), and Vanessa Braunstein (Eli Lilly)

Break

Bioconjugation

Dr. Matt Francis, PhD (UC Berkeley)

“Chemically Modified Viral Capsids for the Targeted Delivery of Anticancer Therapeutics”

Dr. Yimon Aye, PhD (University of Oxford)
TBD

Poster Session/ Reception

Chemical Biology at the Cell Surface

Dr. Johanes Morstein, PhD (California Institute of Technology)

“Editing and Functionalizing the Lipidome”

Dr. Tania Lupoli, PhD (New York University)
TBD

End of Day 2

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WEDNESDAY, OCTOBER 14TH 2026

EFMC Presents: RNA as a Small Molecule Target

session chair: Dr. Gianluca Sbardella, PhD (University of Salerno)

Dr. Amanda Garner, PhD (University of Michigan)

“Enabling Technologies for Revealing Druggable Paths in RNA Biology”

Dr. Peng Wu, PhD (MPI/TU Dortmund)

“RNA modulations by small molecules and bifunctional modalities targeting RNA-modifying proteins”

Chemical Neuroscience

chair: Dr. Jason Gestwicki (UCSF)

Dr. Dave Olson, PhD (UC Davis)
TBD

Dr. Evan Miller, PhD (UC Berkeley)

“Fiat Lux! Shedding light on cellular physiology and structure”

Break

Chemical Technologies

Dr. Brian Paegel, PhD (UC Irvine)

“DNA-encoded library screening in living bacterial lawns and human tissues”

Dr. Stephan Hacker, PhD (Leiden Institute of Chemistry)
TBD

Poster Session/Reception

ICBS Annual Business Meeting

ICBS2026 Young Chemical Biologists Session

introduced by: Dr. Peng Wu, PhD

Dr. Angad Mehta, PhD (University of Illinois Urbana-Champaign)

“In vitro immune-like systems for continuous directed evolution of biologics”

Dr. Yilong Zou, PhD (Westlake University)

“Chemical basis and intervention of ferroptosis in cancer and tissue injury”

Dr. George Burslem, PhD (University of Pennsylvania)
“Gain-of-function chemical biology approaches”

ICBS Global Lectureship Award

introduced by: Dr. Jonathan Baell, PhD

Dr. Peng Chen, PhD (Peking University)
talk title TBD

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THURSDAY, OCTOBER 15TH 2026

"Chemical rewiring of biological circuits"

Dr. Georg Winter, PhD (AITHRYA)

Undruggable Targets

Dr. Amanda Hargrove, PhD (University of Toronto)
TBD

Dr. William Pomerantz, PhD (University of Minnesota)
TBD

Break

Systems Chemical Biology

Dr. Margaux Pinney, PhD (UC Berkeley)
TBD

Dr. Seung Bum Park, PhD (Seoul National University)
"Phenotypic Discovery of Small-Molecule Therapeutics Powered by AI-driven Rational Design to Modulate Protein-Protein Interactions"

Poster Session/Reception

Chemical Biology at the Cell Surface

Dr. Itaru Hamachi, PhD (Kyoto University)
TBD

Dr. Nick Riley, PhD (University of Washington)
"Strategies to decode the complexity of the glycoproteome"

End of Conference