

11th Frontiers in Chemistry & Biology Interface Symposium

Time

8:30 – 8:55 | Registration / Breakfast

9:00 – 9:05 | Introductory Remarks

9:05 – 10:15 | Session I

Kathy Liu (U. Penn)

9:05 – 9:25 | Peter Nemes

UMD – College Park

Ultrasensitive Mass Spectrometry Uncovers Metabolic Cell Heterogeneity
in the Early Frog Embryo

9:25 – 9:45 | Liliya Yatsunyk

Swarthmore

Structural Studies of CAGAGG Repeats from Difficult-to-Replicate Regions
of the Mammalian Genome

9:45 – 10:00 | Michael Wilhelm

Temple University

Mapping Regional-Specific Molecular Diffusion Across Membranes in Living
Cells with Time-Resolved Second-Harmonic Generation Microscopy

10:00 – 10:15 | Jonathan Shrimp

NIH / NCI

CRISPR-Cas9 Reporter to Study Cellular Occupancy of KAT Inhibitors

10:15 – 11:35 | Poster Session I

Odd Numbered Posters

11:35 – 12:50 | Session II

Jordan Meier (NIH/NCI)

11:35 – 11:55 | Anthony Leung

Johns Hopkins

Novel Tools to Explore ADP-Ribosylation Biology

11:55 – 12:15 | Ramona Neunuebel

U. Delaware

Intracellular Pathogen Survival: Hacking Into Host Vesicular Transport Pathways

12:15 – 12:35 | Elizabeth Rhoades

U. Penn

α -Synuclein is a Neuron-Specific Lectin?

12:35 – 12:50 | Douglas Cohen

Johns Hopkins

Characterization of an Anthracene Intermediate in Dynemicin Biosynthesis

1:00 – 1:45 | Lunch / Career Panel

1:50 – 3:00 | Session III

Ross Wang (Temple)

1:50 – 2:10 | Jay Schneekloth

NIH / NCI

Targeting Structural and Functionally Diverse Nucleic Acids with Druglike Small Molecules

2:10 – 2:30 | Minjoung Kyoung

UMD – BC

4-D Characterization of Spatiofunctional Enzyme Assemblies in Live Cells

2:30 – 2:45 | Heather Neu

UMD – Pharmacy

The Elusive Labile Iron: Bioanalytical Techniques to Measure Iron Speciation in Human Plasma

2:45 – 3:00 | Samuel Scinto

U. Delaware

Dual-Reactivity *trans*-Cyclooctenol Probes for Sulfenylation in Live Cells Enable Temporal
Control via Bioorthogonal Quenching

3:00 – 4:20 | Poster Session II

Even Numbered Posters

4:20 – 5:10 | Session IV

Megan Matthews (U. Penn)

Keynote: Laura Kiessling

M.I.T.

Glycans in Health and Disease

5:10 – 5:15 | Final Remarks and Poster Awards

5:15 – 6:00 | Social Hour

For full abstract list, follow link at:
web.sas.upenn.edu/fcbis2018/

Poster Positions



to Auditorium /
Restrooms



to Auditorium /
Restrooms



Elevators

1-4

5-8

9-12

13-16

17-20

21-24

25-28

29-32

33-36

37-40

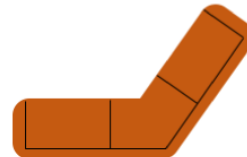
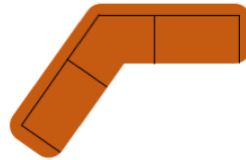
41-44

45-48

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117-120

113-116

109-112

105-108

101-104

97-100

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