



Metabolomics Association of North America Summer Symposium 2021

Hosted by West Coast Metabolomics Center, UC Davis

Novel Analytical Strategies for Scoring Confidence in Compound Annotation

September 10, 2021

9 a.m. – 2:30 p.m.
UC Davis
by Zoom



Keynote speaker
Dr Erin Baker,
North Carolina
State University USA

Agenda: (times in PST)

- 09:00 Introduction, Oliver Fiehn, UC Davis
- 09:15 Dr Erin Baker, NC State University
Utilizing multidimensional measurements
for rapid and confident Omic analyses
- 10:05 Dr Emma Schymanski, U Luxembourg
Identifying Exposome Chemicals:
Measured data, metadata, metabolism and more
- 10:40 Dr Kai Dührkop, U Jena / Germany
High confidence structure annotation
for tandem mass spectrometry data with SIRIUS
- 11:15 Dr Joanna Godzien, Medical U Bialystok, Poland
The integrity of MS1 and MS/MS
for improved confidence in metabolite annotation
- 12:10 Dr Corey Broeckling, Colorado State U
Metabolome resolving dimensions:
resolution, capacity, and orthogonality
- 12:45 Dr Xiaoyu Yang, NIST
Developing software for building the tandem mass
spectral libraries of small molecules and peptides
- 13:20 Dr Thomas Metz, Pacific Northwest National Lab
Multi-dimensional mass spectrometry measurements and
standards-free compound ID: the good, the bad & the ugly

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