



**2016 ASMS Fall Workshop**  
**Sample Preparation for Analysis of Real-World Samples by Mass Spectrometry: The Common Denominator for Quality Data**

Sheraton Inner Harbor Hotel, Baltimore, MD

Organizers: Russell Grant, Labcorp

& Jack Henion, Q2 Solutions

The workshop is located in the Chesapeake Ballroom on the third floor of the Sheraton Inner Harbor Hotel.

**THURSDAY, NOVEMBER 3**

7:30 - 8:20 Badge pick-up & continental breakfast, *Chesapeake Gallery*

8:20 - 8:30 Welcome, Jack Henion and Russell Grant

**Sample Preparation Foundations for Success**

8:30 - 9:30 Solution-Based Extraction Techniques  
Russell Grant (LabCorp)

9:30 - 10:30 Solid-Phase-Based Extraction Techniques  
Erin Chambers (Waters Corporation)

10:30 - 11:00 Coffee Break

11:00 - 12:00 Affinity Techniques  
Andrew Hoofnagle (University of Washington)

**12:00 - 1:30 pm, Group Lunch hosted by ASMS, *Harborview Ballroom***

## THURSDAY, NOVEMBER 3

### Preparation of Liquid Samples (Afternoon Session)

- 1:30 - 2:30     Drugs and Metabolites: Pharmaceutical Bioanalyses  
                    Jack Henion (Q2 Solutions)
- 2:30 - 3:30     Metabolome  
                    Paul West (Stemina Biomarker Discovery)
- 3:30 - 4:00     Coffee Break
- 4:00 - 5:00     Protein Biomarkers  
                    Hendrik Neubert (Pfizer)
- 5:00 - 6:00     Clinical Biomarkers  
                    Andrew Hoofnagle (University of Washington)
- 6:00 - 7:00     Problem Based Learning Exercise  
                    Discussion Leaders: Russell Grant and Jack Henion
- 5:00 - 7:00     Hosted bar, thank you!
- 7:00             Dinner on your own



&



**FRIDAY, NOVEMBER 4**

8:00 - 8:30 Continental Breakfast

**Preparation of Solid Samples**

8:30 - 9:30 Intact Tissue Analysis  
Jeremy Norris (Vanderbilt University)

9:30 - 10:30 Disruptive Tissue Analysis  
Chad Briscoe (PRA Health Sciences)

10:30 - 11:00 Coffee Break

11:00 - 12:00 Food and Environmental Sample Preparation  
Steven Lehotay (USDA)

**12:00 - 1:00 Group Lunch hosted by ASMS, *Harborview Ballroom***

**Emerging Techniques for Smart Sample Preparation**

1:00 – 2:00 Clever Alternatives for Modern Sample Preparation  
Kevin Bateman (Merck)

2:00 - 3:00 Micro Sample Collection, Preparation and Analysis  
Jack Henion (Q2 Solutions)

3:00 - 3:30 Coffee Break

3:30 - 4:30 Automating Workflows  
Russell Grant (LabCorp)

4:30 - 5:00 Closing Remarks, Jack Henion and Russell Grant