



# POWERFUL PARTNERSHIPS. **INSPIRING RESULTS.**

AGILENT BREAKFAST MEETINGS AT ASMS | June 1-3 | 7:00-8:00 a.m.

## AGENDA

**Monday, June 1 | 7:00 a.m.-8:00 a.m.**

### **There's Nothing "Routine" About It:**

#### **Advances in Triple Quadrupole Mass Spectrometry for Quantitative Analysis**

*Na Pi Parra, Ph.D., Product Manager for Triple Quadrupole LC/MS*

*Thomas P. Doherty, Ph.D., Product Manager for Triple Quadrupole GC/MS*

Though some call quantitative measurements in food safety, environmental, and pharmaceutical analysis "routine", we all know that getting the right result always matters. Consequently, in these mature markets, labs are expected to get the right result more quickly and at lower cost than ever before. In this seminar, we will show that a new workhorse Triple Quadrupole LC/MS system with several recent improvements in ion optics and detector design delivers just the right level of sensitivity, precision and speed for most applications, and illustrate how its performance and reliability will give you the confidence to focus your attention on streamlining the analytical workflows in your laboratory.

**Tuesday, June 2 | 7:00 a.m.-8:00 a.m.**

### **Jet Stream Proteomics with Automated Sample Prep for Superior Peptide Quantitation**

*Christine Miller, Omics Market Manager*

*Steve Murphy, Director of Development, AssayMAP*

The discovery of new putative protein biomarkers has resulted in the need for high-throughput sensitive peptide quantitation for biomarker validation. These analyses are best done using standard flow ultra-high performance liquid chromatography (UHPLC) with triple quadrupole mass spectrometry as this provides the best combination of speed, robustness, selectivity and sensitivity. Agilent's unique Jet Stream proteomics solution uses high performance triple quadrupole mass spectrometers incorporating iFunnel technology to achieve new levels of sensitivity for peptides in complex matrixes using UHPLC/MS.

**Wednesday, June 3 | 7:00 a.m.-8:00 a.m.**

### **Enabling Discovery Driven Omics Using the New Capabilities of the Agilent Uniform Field Ion Mobility Q-TOF LC/MS Platform**

*Jody May, Ph.D., Research Assistant Professor, Vanderbilt University*

The power of using ion mobility-mass spectrometry to accelerate research discovery for untargeted "pan-omics" studies will be presented. Deriving systems-level information from complex samples requires not only fast and comprehensive chemical analysis capabilities, but also software and informatics strategies which serve to reduce highly-dimensional data into useful information. Recent capabilities for complex data browsing, multidimensional feature finding, and orthogonal data filtering strategies developed for the Agilent ion mobility Q-TOF LC/MS platform will be presented.

## BREAKFAST MEETING DETAILS

### Dates

Monday, June 1, 2015

Tuesday, June 2, 2015

Wednesday, June 3, 2015

### Time

7:00 a.m.-8:00 a.m.

Registration begins at 6:30 a.m.

### Location

Room 276 | American's Center Convention Complex, St. Louis

## HOSPITALITY SUITE

June 1-3, 2015

8:00 p.m.-11:00 p.m.

### Landmark 1-3

#### **Renaissance Grand Hotel**

Agilent will host a hospitality suite on Monday, Tuesday, and Wednesday evening.

Join us and explore our latest mass spectrometry technology!

Register and learn more at [www.agilent.com/chem/asms\\_breakfast](http://www.agilent.com/chem/asms_breakfast)

The Measure of Confidence



**Agilent Technologies**

This information is subject to change without notice.

© Agilent Technologies, Inc. 2015  
Printed in USA, May 5, 2015  
5991-5884-ENUC