

## MS3 at the 2016 Annual Meeting in Philadelphia

Dear Friends and Colleagues,

The AACC 2016 Annual Meeting in Philadelphia is almost here.

MS3 at the AACC Annual Meeting:

1. AACC Joint Luncheon
2. MS3 Leadership at the Expo
3. Student Poster Awards
4. MS3 Outstanding Abstract Award winners
5. Mass Spec: Topic Track at the AACC Annual Meeting
6. Mass Spec Work Shop at University of Pennsylvania

### MS3 Division Luncheon:

The MS3 Division will host a joint luncheon with the Proteomics & Metabolomics and the Molecular Pathology Divisions

Tuesday, August 2, 12:00-2:30pm  
Philadelphia Marriott: Liberty Ballroom Salon C

12:00-1:00 pm Lunch  
1:00-1:30 pm MS3 Division Event Summary and Award Ceremony  
1:30-2:00 pm Proteomic & Metabolomics Division Events  
2:00-2:30 pm Molecular Pathology Division Events

### MS3 on the EXPO Floor

Come interact with representatives of the MS3 Division at the official AACC booth in the Clinical Laboratory Expo on Wednesday, August 2, 12:00-1:00pm

### Student Poster Contest and Oral Abstracts.

Come out and support the many wonderful student posters at the meeting. There is an Oral Abstract for Student Posters Monday 8/1/16 at 10:30 am (Hot Topics in Clinical Chemistry) detailing A Novel LC/MS/MS Method for the Quantitation of Abiraterone Metabolites in Patients with Castration-Resistant Prostate Cancer: Innovation of Separation of Diastereoisomers without using a Chiral Column. The poster is A-341 on Tuesday.

MS3 Abstract Awards:

MS3 Division is recognizing 11 outstanding abstracts at the annual meeting. Awards will be presented at the Division luncheon. Be sure to check out these posters on Tuesday.

B-227	Michele Mussap, MD	Primary Human Cytomegalovirus (HCMV) Infection in Pregnancy: Unrevealing the Metabolic Network
A-369	Qianyang Huang, M.S.	Determination of Monosialogangliosides in Human Plasma by a Novel UPLC/MS/MS Assay in Combination with Chemical Derivatization
A-015	Lusia Sepiashvili, PhD	Detection and characterization of serum free light chains by MALDI-TOF MS in immunofixation electrophoresis-negative specimens with abnormal free light chain ratios
A-347	DeLu (Tyler) Yin, PhD	A novel biomarker (UCN3) for sleep apnea measured by mass spectrometry using multiple reaction monitoring
A-341	Mohammad Alyamani	A Novel LC-MS/MS Method for the Quantitation of Abiraterone Metabolites in Patients with Castration-Resistant Prostate Cancer: Innovation of Separation of Diastereoisomers Without Using a Chiral Column
A-370	Allison Chambliss	Development, Optimization, and Evaluation of an Ultra Performance Liquid Chromatographic-Tandem Mass Spectrometric (UPLC-MS/MS) Method for the Quantification of the Anti-Malarial Atovaquone in Plasma
A-376	Eric Kilpatrick	Amino acid analysis by mass spectrometry for concentration determination of C-reactive protein in candidate reference material SRM 2924
A-382	Mari DeMarco	Automated mass spectrometric method for identification and quantitation of wild-type and familial variants of amyloid-beta peptides in cerebrospinal fluid
A048	Donghong Zhang	Hyperhomocysteinemia results from and promotes hepatocellular carcinoma via CYP450 metabolism
A383	Sami Albeiroti	Ethyl Glucuronide and Ethyl Sulfate in Urine: LC-MS/MS Method Evaluation and Assessment of Total Excretion Levels Post Alcohol Intake
A335	Michael Mbughuni	Cryoglobulinemia typing using Matrix Assisted Laser Desorption/Ionization - Time of Flight Mass Spectrometry (MALDI-TOF MS)

Mass Spec Topic Track:

Similar to last year, there is a Mass Spectrometry Topic Track highlighted in the annual meeting brochure. This topic track details mass spectrometry-relevant sessions that have been handpicked by the annual meeting organizers. Be sure to pencil in these sessions on your calendar.

Mass Spec Workshop at University of Pennsylvania

This year, for the first time ever, the MS3 Division is hosting a lab tour during the annual AACC Meeting. The event will take place at the Hospital of Pennsylvania lab facilities and will cover U. Penn's State-of-art mass spec operation in action and include a meeting with expert mass spectrometry users.

The program includes lunch, lectures, Q&A, and a lab tour to offer overview of laboratory operations and clinical mass spec analysis as well as first-hand experience of assay analysis. We are very excited about this endeavor and hope to have a Mass Spectrometry lab tour at every annual meeting going forward. Due to space limitations, this year's tour is already sold out but we hope to expand our capacity next year in San Diego for 2017.

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**SAVE THE DATE: 6<sup>th</sup> Annual AACC/MSSS: Mass Spectrometry and Separation Sciences for Laboratory Medicine Conference in Chicago (October 5-6, 2016)**

This year's MS3 Mass Spectrometry meeting in Chicago brings some exciting changes. We have outgrown last year's space therefore the conference will now be at the Holiday Inn River North right in the heart of Chicago. The program has been condensed slightly to maximize your time and make travel to and from the conference easier. Check the AACC website for more details.



## The Latest from the MS3 Artery!

We would like to take the time to encourage all MS3 members to visit the Division community on the artery, AACC's online community. We currently have some very interesting discussions now including:

1. Reinjecting QC during a mass spec run
2. Capturing the value of mass spec
3. Student Poster Awards at the Annual Meeting
4. FDA public workshop on LC/MS/MS in MAY

Make your voice heard and contribute to the discussion today.