

Quality Assurance/Quality Control Pre-Conference Workshop

Tandem Mass Spectrometry Quality Assurance/Control Issues

November 3, 2008

QA/QC Workshop Goals

- **Session One**
 - Discuss QA/QC issues relating to routine testing using MS/MS.
- **Session Two**
 - MS/MS Applications beyond Routine Screening.

QA/QC Workshop Format

- **Session One**
 - **Expert Panel**
 - Each to give short presentation on a topic
 - Address questions/issues for audience
 - Open microphones
 - Written questions to moderator

QA/QC Workshop

- **Session Two**
 - **Presentations by experienced speakers**
 - **Congenital Adrenal Hyperplasia**
 - Steroid profiling
 - **Methylmalonic Acidemia**
 - Homocystine & methylcitrate
 - **Lysosomal Storage Disorders**

QA/QC Workshop

- **Session one MS/MS topics**
 - Internal and External standardization
 - Establishing and validating cutoffs
 - Run acceptance criteria
 - Multiple instrument comparison
 - CDC NSQAP
 - Method validation
 - quality control
 - quality assurance

QA/QC Workshop

Session Two

MS/MS Applications beyond Routine Screening

- Dietrich Matern, Mayo Clinic
- Victor de Jesus, CDC
- Dadong Xu, Genetics Disease Laboratory

QA/QC Workshop

- **Address questions/issues for audience**
 - Open microphones
 - Written questions to moderator

**These Pre-Conference Workshops are
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THANK YOU