

ASMS 2009 – PHILADELPHIA

Interest Group Meeting: “Hydrogen Exchange and Covalent Labeling”

Tuesday, June 2, 5:45-8:00pm

Room 108 A, Philadelphia Convention Center

Website: www.hxms.com/asms

AGENDA

5:45 Welcome, group business (Engen, Hettich)

New leaders of the group (Mike Chalmers, Scripps-Florida; Janna Kiselar, CWRU)

Short course update

Staying on the email listing for the group

Suggestions for next ASMS meeting

Suggestions for next interest group meeting in Salt Lake City 2010

List of posters and orals on hydrogen exchange and covalent labeling

5:55 Discussion Topic: Probing protein conformation, What’s new?

Presentations are meant to spur discussion. Audience participation is highly encouraged.

Please use the microphones.

Hydrogen exchange

“SUPREX & SPROX: Where Do They Fit In The H/D Exchange & Covalent Labeling Landscape”

Graham West, Duke University

“Interrogating Chromatin Structure and Dynamics with Hydrogen/Deuterium Exchange Coupled to Mass Spectrometry”

Ben Black, University of Pennsylvania School of Medicine

Covalent labeling

"Protein Structure Determination by Combining Structural Mass Spectrometry Data with Rosetta"

Xiaojing Zheng, Case Western Reserve University

"Protein Hydroxyl Radical Labeling: Pitfalls and Opportunities"

Lars Konermann, University of Western Ontario

7:00 Software Forum: Organized and directed by Bruce Pascal, Scripps Florida.

Participants: Andrew Percy (Hydra); Bruce Pascal (HD Desktop); Paul Gershon (TOF2H);
Xinghua Lou (Hexicon); Magnus Palmblad (AutoHD2); David Weis (HX-Express)