

ASMS 2008

Interest Group Meeting: "Hydrogen Exchange and Covalent Labeling"

Monday, June 2, 5:45-7:00pm, Denver, Colorado

Website: www.hxms.com/asms

AGENDA

1. Welcome/ Introduction (Engen, Hettich)

2. Discussion of Handouts, group business

List of posters and orals on hydrogen exchange and covalent labeling

Email listing for the group

Suggestions for next ASMS meeting

Suggestions for next interest group meeting in Philadelphia 2009

3. Discussion Topic: Review of the Basics and New Progress in the Field

Presentations are meant to spur discussion. Audience participation is highly encouraged.
Please use the microphones.

20 mins presentations + 5 mins each for discussion

Mini-Tutorial on hydrogen exchange

George Bou-Assaf, Florida State University- NHMFL

Mini-Tutorial on covalent labeling

Brian Gau, Washington University – St. Louis

10 mins presentations + 5 mins each for discussion

"HeXicon: Automatic Information Extraction for HX-MS Data"

Matthias Mayer, Univ. of Heidelberg

"The advantages of integrating electrochemical-induced oxidation and covalent labeling methodologies for protein surface mapping"

Susie Dai, ORNL

"Gas phase fragmentation of protonated peptides by electron capture (ECD, ETD) occurs with a low level of amide hydrogen scrambling"

Thomas Jorgensen, Univ. of Southern Denmark