

ASMS 2007

Interest Group Meeting: "Hydrogen Exchange and Covalent Labeling"

Tuesday, June 5, 5:30-7:00, Indianapolis, Indiana

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 Denver

3. Discussion Topic: Tips and Tricks in H/D exchange and covalent labeling

Short presentations will be 5-10 minutes each and are meant to spur discussion. Audience participation is highly encouraged.

"Software for the determination of backbone amide deuterium levels from H/D exchange MS data"

Bruce Pascal, Scripps Research Institute - Florida

"Covalent labeling of nucleic acid substrates: advantages and pitfalls"

Dan Fabris, University of Maryland, Baltimore County

"Rapid analysis of HXMS data with HX-Express"

David D. Weis, University of Kansas

"Tips with differential chemical modification"

Roxana E. Iacob & Kenneth B. Tomer, NIEHS

"Automation of Sample Processing for H-D Exchange Using the LEAP PAL H-D-x Processor"

Peter Smith, Scott Harrison, Gordon Nye, LEAP Technologies

"Hydroxyl radical footprinting and oxidation-induced unfolding: cautionary tales for covalent labelers"

Joshua Sharp, Complex Carbohydrate Research Center, University of Georgia