

Workshop: H/D Exchange and Covalent Labeling Interest Group
Date: 3 June 2015
Organizers: Prof. Joshua Sharp, University of Georgia
Prof. David Weis, University of Kansas

Attendance: 140

This year the interest group meeting was a panel discussion on the topic *current trends and future directions for structural labeling in biotherapeutics*.

Following a brief business meeting, five panelists answered questions from the audience, from the organizers, and from each other.

The panelists were

Dr. Guodong Chen, Bristol-Myers Squibb
Prof. Kasper Rand, University of Copenhagen
Prof. Lisa Jones, Indiana University Purdue University Indianapolis
Dr. Parminder Kaur, NeoProteomics, Case Western Reserve University
Dr. Ashley C. Gucinski, U.S. FDA

The discussion focused on how MS-based structure determination is being used in industry and how it might be used in the future. Some of the major points of discussion were:

- the differences between industrial needs in discovery and development,
- the need to demonstrate the reproducibility of these techniques between labs,
- the need for more robust technology for hydroxyl radical labeling
- questions about whether regulatory agencies would consider MS-based approaches to be reliable.

