



## ABRF2011 Session Listing

The following tutorials and sessions will be offered at ABRF2011  
(*SW=Satellite Workshops, S=Scientific Sessions, R=Research Presentations, W=Workshops*):

### Friday, February 18, 2011

12:00 p.m. – 4:00 p.m.

- Bag Stuffing (pre-conference)

### Saturday, February 19, 2011

8:00 a.m. – 4:30 p.m.

- SW-1 Protein Purification for Mass Spectrometry
- SW-2 An Introduction to Metabolomics
- SW-3 Next Generation Sequencing Considerations for Core Professionals
- SW-4 Lean Management in Core Facilities

6:00 p.m. – 7:00 p.m.

- Opening Plenary Session:  
Personalized Medicine: Opportunities and Challenges

### Sunday, February 20, 2011

7:45 a.m. – 8:50 a.m.

- Plenary Session:  
Unlocking Biomarker Discovery: Unbiased Human Proteomics at High Scale, Sensitivity, and Accuracy

9:00 a.m. – 10:30 a.m.

- S-1 Improving Human Health from the Ground Up
- S-2 Integration of Bioinformatics for Genomics and Proteomics Data
- S-3 Single-Cell Environmental Genomics

10:30 a.m. – 12:00 p.m.

- Poster Session I

10:30 a.m. – 1:30 p.m.

- Demo Stage Session Assistant
  - Meet the Speaker
  - Vendor & Demo Stage Presentations

1:30 p.m. – 3:00 p.m.

- R-1 Joint Session: Proteome Informatics Research Group (iPRG) & Proteomics Standards Research Group (sPRG)

- R-2 Antibody Technology Research Group (ARG): Antibodies – Moving Closer to Personalized Therapeutics and Diagnostics
- R-3 Joint Session: Genomic Variation Research Group (GVRG) & DNA Sequencing Research Group (DSRG)

3:00 p.m. – 4:15 p.m.

- W-1 Win on Sunday, Sell on Monday: From the Exome Sequencing of One Boy to the Delivery of Clinical Diagnostics
- W-2 Spectral and Sequence Database Searching in Proteomics
- W-3 Quantifying Protein Turnover by In Vivo Metabolic Labeling

4:45 p.m. – 6:00 p.m.

- W-4 Insights for Expression of Recombinant Proteins for Drug Target Validation
- W-5 Proteomics Tips and Tricks: From Discovery to Protein-Protein Interactions
- W-6 Current State and Future of Capillary Electrophoresis and Sanger Sequencing

6:00 p.m. – 10:30 p.m.

- Transportation Assistant

## **Monday, February 21, 2011**

7:45 a.m. – 8:50 a.m.

- Plenary Session:  
En Route to the Era of Genomic Medicine

9:00 a.m. – 10:30 a.m.

- S-4 Epigenetics
- S-5 High-Throughput Genome Centers
- S-6 Strategies for Deep Mining of Complex Protein Mixtures

10:30 a.m. – 12:00 p.m.

- Poster Session II

10:30 a.m. – 1:30 p.m.

- Demo Stage Session Assistant
  - Meet the Speaker
  - Vendor & Demo Stage Presentations

1:30 p.m. – 3:00 p.m.

- R-4 Joint Session: Protein Sequencing Research Group (PSRG) & Glycoprotein Research Group (gPRG)
- R-5 Joint Session: Nucleic Acids Research Group (NARG) & Microarray Research Group (MARG)
- W-7 Cellular 3D Imaging

3:15 p.m. – 4:15 p.m.

- ABRF Award Lecture: Sir Alec John Jeffreys

4:45 p.m. – 6:00 p.m.

- W-8 Successful Production of Functional Proteins
- W-9 Therapeutic Antibodies: Over-Hyped “Magic Bullet”, or “Under-Explored Technology?”
- W-10 Identification of Mechanism-Based Biomarkers and Drug Targets Using Pathway Analysis

8:00 p.m. – 11:00 p.m.

- W-15a ETD Workshop Seminar Series PART I: Manual Interpretation of Electron Transfer Dissociation (ETD) Mass Spectra of Peptides

## **Tuesday, February 22, 2011**

7:45 a.m. – 8:50 a.m.

- Plenary Session:  
Development by Selventa of a Therapeutic Diagnostic Stratification Biomarker for Drug Response in Ulcerative Colitis

9:00 a.m. – 10:30 a.m.

- S-7 Next Generation Sequencing Technologies on the Horizon
- S-9 Proteomics Standardization

10:30 a.m. – 12:00 p.m.

- Poster Session III

10:30 a.m. – 1:30 p.m.

- Demo Stage Session Assistant
  - Meet the Speaker
  - Vendor & Demo Stage Presentations

1:30 p.m. – 3:00 p.m.

- R-6 PERG Research Group Presentation: Refolding Study
- R-7 Light Microscopy Research Group (LMRG)
- R-8 Joint Session: Proteomics Research Group (PRG) & Metabolomics Research Group (MRG)

3:00 p.m. – 4:15 p.m.

- W-11 The Business of Running a Core Facility
- W-12 Microarrays: The Reports of My Death Have Been Greatly Exaggerated
- W-15b ETD Workshop Seminar Series PART II: Manual Interpretation of Electron Transfer Dissociation (ETD) Mass Spectra of Peptides\*

4:45 p.m. – 6:00 p.m.

- W-13 Institutional Core Management
- W-14 Next Generation Sequencing Software for Data Management, Analysis, and Visualization
- W-15b ETD Workshop Seminar Series PART II: Manual Interpretation of Electron Transfer Dissociation (ETD) Mass Spectra of Peptides\*

*\*This workshop (W-15b) is one session, running from 3:00-6:00pm with a break from 4:15-4:45pm, so it requires the same Session Assistant for the duration of the workshop.*