

**US HUPO**  
from genes to function

# 11<sup>th</sup> Annual Conference Next Generation Proteomics

Not your grandparents  
proteomics meeting...

## Conference Organizers

Joshua LaBaer  
ASU Biodesign Institute

Lan Huang  
University of California Irvine

Joseph Loo  
University of California  
Los Angeles

Olga Vitek  
Northeastern University

**March 15-18, 2015**

**Short Courses**  
Sunday March 15

**Tempe Mission Palms Hotel**  
Tempe, AZ

## Plenary Talks



**David Bartel**  
Whitehead Institute MIT, HHMI  
microRNAs



**John P.A. Ioannidis**  
Stanford University  
Reproducible Research



**Jeffrey W. Kelly**  
The Scripps Research Institute  
Human Amyloid Diseases

## IMPORTANT DEADLINES

### DECEMBER 5

Abstract Submission

Robert J. Cotter New  
Investigator Award  
Nominations

Travel Stipend App for  
Students and Post-docs

### FEBRUARY 20

Hotel Reservations

Advance Registration for  
Conference and Short Courses

## COME TO TEMPE!

### 78 Opportunities to give a talk

- Talks selected from submitted abstracts for each parallel session
- Lightning talks from selected poster presenters in two general sessions
- Tips & Tricks session featuring technology developments

### Junior Researchers and Trainees

- Learn how to nail your elevator pitch
- Discover the upside (and downside) of different career options – industrial, academic, government
- Present your research at a national meeting

### Short Courses and Workshops

Full and half-day courses on Sunday, March 15 and evening workshops on Monday, March 16. Look for descriptions at [www.ushupo.org](http://www.ushupo.org). Topics include:

- Protein-Protein Interactions
- Cross-linking Mass Spectrometry
- Protein Arrays
- Data Analysis for Quantitative Proteomics
- Career Development



## MARGARITA TASTING

### Major Sponsors

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**Journal of  
proteome  
research**

[www.USHUPO.org](http://www.USHUPO.org)



# INVITED SPEAKERS AND PARALLEL SESSIONS

Parallel sessions will feature talks from these invited speakers PLUS talks selected from submitted abstracts.  
**Submit your abstract today!**

## Chemical Proteomics in Living Systems + Imaging

- **Nathalie Agar**, *Harvard University*
- **Pieter Dorrestein**, *UC San Diego*

## Chromatin Dynamics and Epigenetic Regulation

- **Benjamin Garcia**, *University of Pennsylvania*
- **Jerry Workman**, *Stowers Institute for Medical Research*

## Clinical Proteomics

- **Carlito Lebrilla**, *UC Davis*
- **Arthur Moseley**, *Duke University*

## Complete Proteome Elucidation

- **Akhilesh Pandey**, *Johns Hopkins University*
- **Josh Elias**, *Stanford University*

## High Resolution Mass Spectrometry

- **Alexander Makarov**, *Thermo Fisher Scientific*
- **David Muddiman**, *North Carolina State University*

## Discovery of Biomarkers: Feasibility and Practices

- **Richard Higgs**, *Eli Lilly & Company*
- **Danni Li**, *University of Minnesota*

## Elucidating Proteoforms by Top-Down MS/Proteomics

- **Philip Compton**, *Northwestern University*
- **Ljiljana Pasa-Tolic**, *PNNL*

## Environmental Proteomics

- **Michael Mancini**, *Baylor College of Medicine*
- **Bernd Wollscheid**, *ETH Zurich*

## Impact of Pathogen Proteomics on Human Health

- **Ileana Cristea**, *Princeton University*
- **David Knipe**, *Harvard University*

## Integrative Structural Proteomics

- **Patrick Griffin**, *The Scripps Research Institute*
- **Andrej Sali**, *UCSF*

## Protein Quality Control in Human Diseases

- **Raymond Deshaies**, *CalTech*
- **Judith Frydman**, *Stanford University*

## Proteogenomics

- **Robert Hettich**, *ORNL*
- **Bing Zhang**, *Vanderbilt University*

## Reproducible Research and Statistics

- **Theodore Alexandrov**, *University of Bremen and UCSD*
- **Brendan MacLean**, *University of Washington*

## Single-cell Proteomics

- **Bernd Bodenmiller**, *University of Zurich*
- **Karen Sachs**, *Stanford University*

## CALL FOR PAPERS - ABSTRACT SUBMISSION

Abstract submission is now open online through the US HUPO website: [www.ushupo.org](http://www.ushupo.org). Submission instructions, session topics are online. **Deadline for submission is December 5, 2014.**

### PARALLEL SESSION TALKS

Each parallel session will feature two talks selected from submitted abstracts to complement the invited speakers.

### LIGHTNING TALKS

There will be two general sessions filled with 3-minute lightning talks. An exciting (and entertaining) way to highlight your poster presentation and a great opportunity to present your research to a national audience. Indicate whether or not you wish to be considered for a lightning talk during abstract submission.

### TIPS & TRICKS TALKS

Have you created a novel work-around in the lab? Perhaps your labmates know you as Inspector Gadget? Show us what you've got in this 'best of' session. Describe your novel tip or trick in the online abstract submission

## ROBERT J. COTTER NEW INVESTIGATOR AWARD NOMINATIONS

This award was established to honor the memory of Bob Cotter, a founding member of US HUPO, for his many contributions to scientific research and for his legacy as a mentor to young scientists. Each year, the award will be given to an individual early in his or her career, in recognition of significant achievements in proteomics. The award recipient will be honored at the US HUPO annual conference with a commemorative plaque, \$1,000 cash award, and will present an award lecture.

Visit [www.ushupo.org](http://www.ushupo.org) for Nomination Form - Nomination Deadline is December 5, 2014

Nominations and Self-Nominations are both accepted and encouraged.





## STUDENT AND POST-DOC OPPORTUNITIES

### POSTER AWARDS

If you are interested in being considered, please look for the special options during online abstract submission.

### TRAVEL STIPENDS

Limited number of travel stipends (up to \$500 each) are available to graduate students and post-docs. Look for more information, instructions, and application form on [www.ushupo.org](http://www.ushupo.org).

## TEMPE AND THE TEMPE MISSION PALMS HOTEL

Conference guest rooms as well as all sessions and posters will be at the Tempe Mission Palms Hotel. Complimentary airport shuttle from the Phoenix Sky Harbor International Airport to/from the hotel. The hotel features a relaxed, resort setting just blocks from the bustle of Tempe's main drag, Mill Street, which is filled with restaurants, bars and shopping. A trailhead just behind the hotel takes you on a gentle hike up Hayden's Butte, a Tempe landmark.

Rooms are \$199 + tax per night and include in-room wifi. A limited number of student-rate rooms are also available for \$145 + tax per night. **Reserve** by phone at (800) 547-8705 or look for online reservation link at [www.ushupo.org](http://www.ushupo.org). **Deadline for reservations is February 20.**



March is high-season in Tempe and the greater Phoenix region. Not only is the sun shining and temperature warm, but the famous Cactus League teams are in town for pre-season Major League Baseball. Come a day early or stay a day later to enjoy a baseball game, play a game of golf, or visit some of the magical landscapes and monuments of Arizona. Check [www.ushupo.org](http://www.ushupo.org) for suggestions on pre- and post-conference excursions.



## REGISTRATION FEES FOR CONFERENCE AND SHORT COURSES

### CONFERENCE FEES

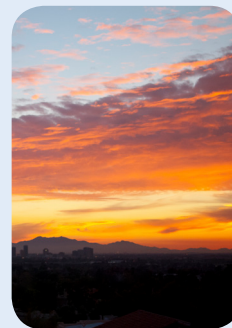
- Regular: \$340 US HUPU Members / \$540 Non-members
- Student or Post-Doc: \$100 US HUPU Members / \$200 Non-members

### SHORT COURSES

Full and half-day short courses are offered on Sunday, March 15. Tuition fees for courses are \$175 for full-day and \$125 for half-day.

### HOW TO REGISTER

Register online at [www.ushupo.org](http://www.ushupo.org). A printable registration form is also available for download to accommodate mail or fax registrations.





**US HUPO**  
2019 Galisteo Street, Building I-1  
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US HUPO is a non-profit educational and networking association for those engaged in proteomics technologies and research pertaining to the human proteome and model organisms.

**www.usnhupo.org**

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