

# Thursday Post-Congress HPP (Future) Workshop

9-5pm, Thursday Sept 19<sup>th</sup>, 2019

*Bradley Forum † Level 5 Hawke Building, City West Campus, UniSA, 50-55 Nth Terrace, Adelaide.*

*(† 500m down Nth Terrace towards new Hospital on the other side of the Convention Centre)*

This HPP Workshop follows the HUPO2019 Congress and will focus on exciting developments in human proteomics and strategic planning for the Human Proteome Project. All are welcome to participate in building the strategic future of the HPP. The Workshop draws on insights from the Congress, Mon-Weds HPP Track and Bioinformatics Hub. This future-focussed Workshop will explore the scientific strategy and goals for components/collaborations assembled under the aegis of HUPO's HPP. There will be feature presentations about new HPP roadmaps. The Workshop is critical for reaching community consensus about strategic planning around the HPP, including broad engagement of the mass spectrometry, antibody, knowledgebase, biology, clinical and pathology communities. HPP Future Workshop Aims:

1. Build a more collegial and better unified HPP
2. Generate assessment, commentary, discussion and awareness of HPP strategic directions
3. Stimulate new/existing cross-HPP and strategic external HPP collaborations
4. Undertake any strategic HPP scientific (re)organization

**8:45am Coffee/Tea/Registration**

**9:00-10:00am Session 1: Two Minute "Lightning" Congress Highlights** (Jennifer Van Eyk)

- a) HUPO2019 Congress Scientific Highlights (contributors include Yu-Ju Chen, Rob Moritz, Lydie Lane, Danni Li, Elena Ponomarenko, Susan Weintraub, Hui Zhang, Fuchu He, Ferdinando Cercillo, Sudhir Srivastava, Ed Nice, Tadashi Yamamoto)
- b) 2-Minute Lightning Highlights from the Floor

**10:00-11:00am Session 2: Where Is the HPP Headed?** (Mark Baker)

- a) 10:00 C-HPP (Chris Overall, Lydie Lane, Young-Ki Paik)
- b) 10:20 B/D-HPP (Ileana Cristea)
- c) 10:40 Pathology Pillar (Dan Chan)
- d) 10:55 Ab/Affinity Pillar (Cecilia Lindskog)

**11:10am Morning Tea**

**11:30-12:30am Session 3: What will the HPP KB look like in 5-10yrs?** (Henry Rodriguez/Mark Baker)

- a) 11:30 Current KB Pillar Plans (Lydie Lane, Eric Deutsch)
- b) 11:45 Futuristic HPP KB Panel (Eric Deutsch, Lydie Lane, Jochen Schwenk, Nuno Bandeira)
- c) 12:15 Comments/Questions from Floor

**12:30pm Lunch**

**12:45-1:30pm Session 4: Lunch Panel - Increasing the Visibility of Proteomics** (Gil Omenn)  
(panel includes John Yates (HPP SAB), Ileana Cristea (B/D HPP), Mike Snyder (HPP SAB), Cecilia Lindskog (Ab Pillar), Stephen Pennington (HUPO), Ferdinando Cerciello (HUPO ECR), Maggie Lam (HPRL))

**1:30-3:00pm Session 5: Building the Strategic Parts of the HPP** (Neil Kelleher, Chair)

- a) 1:30 C-HPP: The Dark Structural Biology Proteome (Seán O'Donoghue)
- b) 2:00 Missing Protein Search in Rare Tissues/Cells (Chris Overall)
- c) 2:20 Future Community MS Pillar Initiative Ideas (Susan Weintraub)  
(i.e., top-down MS, DIA, library-free DIA, XL-MS, etc)
- d) 2:40 B/D-HPP: Popular/Less Popular Proteins (Fernando Corrales)

**3:00pm Afternoon Tea**

**3:20-4:20pm Session 6: Building HPP Strategic Outreach** (Young-Ki Paik)

- a) 3:30 Strategic Impact of Multi-omics (Mike Snyder)

- b) 3:50 SPARQL - All that Glitters is Not Gold: (Lydie Lane)
- c) 4:10 Questions

**4:20pm** **2<sup>nd</sup> Annual Presidential HPP Address - A Celebration of the HPP**  
How and When Can Proteomics Deliver? (Stephen Pennington)

**5:00-5:30pm** **BEER & WINE RECEPTION**