

## PROGRAMME AT A GLANCE

Day 1 – 1<sup>st</sup> July 2019

8.00 – 10.00 **TRADE EXHIBITION SET-UP**  
9.00 – 10.00 **REGISTRATION AND POSTER SETUP**  
10.00 – 10.15 **WELCOME ADDRESS:** Steve Pennington, UCD Conway Institute, Ireland

10.15 – 11.00 *Chair: Steve Pennington, UCD Conway Institute, Ireland*  
**BSPR LECTURE** Angus Lamond, University of Dundee, UK  
iPS Proteomes in Health and Disease

11.00 – 11.45 **PLENARY** Michael Snyder, Stanford University, USA  
Big Data and Health

12.00 – 13.45 **LUNCH/TRADE EXHIBITION**

*Chair: Karin Barnouin, BioApicem Ltd/UCB*

13.45 – 15.15 **SESSION 1 Interaction Proteomics**

13.45 – 14.15 **KEYNOTE** Jyoti Choudhary, The Institute of Cancer Research, UK  
Deriving cancer cell networks from quantitative proteomics data

14.15 – 14.35 **SELECTED TALK 1** Andrew Pitt, Aston University, UK  
Changes in the PTEN interactome as a result of redox regulation.

14.35 – 14.55 **SELECTED TALK 2** Walter Kolch, University College Dublin, Ireland  
Mutant RAS causes extensive re-wiring of protein-protein interactions and information flow in the EGF-receptor signaling network

14.55 – 15.15 **SELECTED TALK 3** Mark Collins, University of Sheffield, UK  
S-acylated Golga7b stabilises DHH5 at the plasma membrane to regulate cell adhesion

15.15 – 15.45 **TEA-COFFEE BREAK/TRADE EXHIBITION**

*Chair: Rob Beynon, University of Liverpool, UK*

15.45 – 17.15 **SESSION 2 British Mass-Spectrometry Society: Emerging Technologies**

15.45 – 16.15 **KEYNOTE** Rainer Cramer, University of Reading, UK  
Omic profiling of bacteria using liquid AP-MALDI MS

16.15 – 16.35 **SELECTED TALK 4** Robert Van Ling, PharmaFluidics, Belgium  
Driving chromatography towards single cell proteomics using micro-Pillar Array Column technology

16.35 – 16.55 **SELECTED TALK 5** Jonathan Phillips, University of Exeter, UK

16.55 **TEA-COFFEE BREAK/TRADE EXHIBITION**

17.15 – 18.00 **FLASH TALKS**

18.00 – 20.00 **BEER/WINE RECEPTION/APPETIZERS/POSTER SESSION**

- 9.00 – 10.30** *Chair: Paul Skipp, University of Southampton, UK*  
**SESSION 3 Clinical & Cancer Proteomics**
- 9.00 – 9.30** **KEYNOTE** Sara Zanivan, CRUK Beatson Institute, UK  
CAFs are key mediators of tumour-stroma interactions: role of extracellular vesicles
- 9.30 – 9.50** **SELECTED TALK 6** Harvey Johnston, UCL, UK (**Early Investigator Talk**)  
Integrated Tumour and Plasma Proteomics of Contrasting B-cell Cancers Identifies Common and Specific Tumour Signatures and Divergent Mechanisms of Biomarker Emergence
- 9.50 – 10.10** **SELECTED TALK 7** Sidra Saeed, University of Bradford, UK (**Early Investigator Talk**)  
Proteomic profiling of matched normal and tumour tongue biopsies from smokers and non-smokers
- 10.10 – 10.30** **SELECTED TALK 8** John Timms, UCL, UK  
Longitudinal and Network Serum Biomarker Models for the Early Detection of Ovarian Cancer

**10.30 – 11.15** **TEA-COFFEE BREAK/POSTERS/TRADE EXHIBITION**

- Chair: Rob Ewing, University of Southampton, UK*  
**11.15 – 12.45** **SESSION 4 Computational Proteomics & Big Data**
- 11.15 – 11.45** **KEYNOTE** Luis Mendoza, Institute for Systems Biology, USA  
Building a Robust Discovery Pipeline in the Age of Big Data
- 11.45 – 12.05** **SELECTED TALK 9** James Schofield, University of Southampton, UK  
TopMD: Pathway Biomarkers
- 12.05 – 12.25** **SELECTED TALK 10** Andrew Jarnuczak, European Bioinformatics Institute, UK  
Evaluation of cancer cell lines as tumour models through meta-analysis of public proteomics data
- 12.25 – 12.45** **SELECTED TALK 11** Maruan Hijazi, QMUL, UK  
Chemical phosphoproteomics systematically identifies circuitries of cancer kinase networks

**12.45 – 14.15** **LUNCH/POSTERS/TRADE EXHIBITION**

- Chairs: Juan Vizcaino & Sandra Orchard, EBI, UK*  
**14.15 – 15.45** **SESSION 5 European Bioinformatics Institute Workshop**
- 14.15 – 14.30** Emily Bowler-Barnett, European Bioinformatics Institute, UK (**Early Investigator Talk**)  
UniProt
- 14:30 – 14.45** Juan A. Vizcaino, European Bioinformatics Institute, UK  
The PRIDE database: storing, disseminating and integrating proteomics data in the public domain.
- 14:45 – 15.00** Sandra Orchard, European Bioinformatics Institute, UK  
IntAct and the Complex Portal
- 15:00 – 15.15** Henning Hermjakob, European Bioinformatics Institute, UK  
Reactome
- 15:15 – 15.30** Denise Carvalho-Silva, European Bioinformatics Institute, UK  
Open Targets: Identifying Drug Targets in a Pre-competitive Framework
- 15:30 – 15.45** Questions, overall discussion

**15.45 – 16.15** **TEA/COFFEE/POSTERS/TRADE EXHIBITION**

- Chair: BSPR Secretary Peter Kilby, Syngenta, UK*  
**16.15 – 17.00** **BSPR AGM**

17.00 – 17.45

**PLENARY** Tim Elliott, University of Southampton, UK  
Peptide ligand selection in the MHC I antigen processing pathway

19.00 – 22.30

**CONFERENCE DINNER/KATHRYN LILLEY QUIZ**

**DAY 3: 3rd July 2018**

*Chair: Roz Jenkins, University of Liverpool, UK*  
**9.00 – 10.10** **SESSION 6 Post-translational Modifications and Functional Proteomics**

**9.00 – 9.30** **KEYNOTE** Pedro Beltrao, European Bioinformatics Institute, UK  
Functional relevance of eukaryotic protein phosphorylation

**9.30 – 9.50** **SELECTED TALK 12** Sabrina Samuel, University of Hull, UK (**Early Investigator Talk**)  
Investigating the effect of arginine methylation inhibitors in brain tumours, using microfluidic approaches

**9.50 – 10.10** **SELECTED TALK 13** Anthony Zerlin, Agilent Technologies, Waldbronn, Germany.  
Human Breast Cancer Cell Line Phosphoproteome Revealed by an Automated and Highly Selective Enrichment Workflow

**10.10 – 10.40** **TEA/COFFEE/POSTERS/TRADE EXHIBITION**

*Chair: Andy Pitt, Aston University, UK*  
**10.40 – 11.50** **SESSION 7 Post-translational Modifications and Chemical Modification**

**10.40 – 11.10** **KEYNOTE** Tiziana Bonaldi, Istituto Europeo di Oncologia, Italy  
Protein methylation on and beyond histones, in health and cancer: a proteomic perspective

**11.10 – 11.30** **SELECTED TALK 14** Kareena Adair, University of Liverpool, UK (**Early Investigator Talk**)  
A proteomics-based approach to assess the immunogenicity of drug protein adducts in idiosyncratic liver injury

**11.30 – 11.50** **SELECTED TALK 15** Alexander Eckersley, University of Manchester, UK (**Early Investigator Talk**)  
Proteomic approaches for identifying fingerprints of in vitro and in vivo damage in extracellular matrix assemblies

**11.50 – 12.45** **LUNCH/POSTERS/TRADE EXHIBITION**

**12.45 – 13.00** **POSTER AND YOUNG INVESTIGATOR AWARDS**

*Chair: Chris Sutton, University of Bradford, UK*  
**13.00 – 14.10** **SESSION 8 Cellular Dynamics**

**13.00 – 13.30** **KEYNOTE** Benedikt Kessler, University of Oxford, UK  
Comprehensive landscape of active deubiquitinating enzymes profiled by advanced chemoproteomics

**13.30 – 13.50** **SELECTED TALK 16** David-Paul Minde, University of Cambridge, UK  
BioProX reveals comprehensive cellular conformational dynamics

**13.50 – 14.10** **SELECTED TALK 17** Matthias Trost, Newcastle University, UK  
Proteomics analysis of ubiquitylation on the phagosome: a tale of inflammatory responses and vesicle trafficking

**14.10 – 14.40** **PLENARY** Rob Beynon, University of Liverpool, UK  
Making proteomics add up – the hard challenge of adding hard numbers to hard proteomes

**14.40 – 14.50** **BSPR2020 & HUPO 2019 advertisement**