



SOCIETY FOR EXPERIMENTAL BIOLOGY



SEB-GARNet Symposium: *From Proteome to Phenotype: role of post-translational modifications*

Organisers: Steven Spoel (University of Edinburgh), Cyril Zipfel (The Sainsbury Laboratory, Norwich), Geraint Parry (GARNet), SEB

Location: John McIntyre Centre, University of Edinburgh

Date: December 11th-13th 2017

Monday December 11th:

0930: Welcome (Cyril Zipfel & Steven Spoel)

0930-1015 Keynote: Matthias Mann (Max Planck Institute of Biochemistry)

1015-1045 Tea Break

1045- 1245 **Session I: Dynamic phosphorylation**

Chair: Cyril Zipfel (The Sainsbury Laboratory, UK)

Gitta Coaker (UC Davis, USA)

John Christie (University of Glasgow)

2x Abstract Talks

1245-1400 Lunch with Posters

1400-1600 **Session II: Mechanisms and action of protein sumoylation**

Chair: Ari Sadanandom (Durham University, UK)

Andreas Bachmair (University of Vienna, Austria)

Maria Lois (CRAG, Spain)

Elena Baena González (IGC, Portugal)

16:00-1630 Tea break

1630-1830 **Session III: Emerging PTMs**

Chair: Piers Hemsley (University of Dundee, UK)- - palmitoylation

Markus Wirtz (University of Heidelberg, Germany) – acetylation

Stéphane Ravanel (INRA/CNRS, France) – protein methylation

2x Abstract Talks

1830-2000 Poster Session

2000 Dinner and Evening Entertainment



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Tuesday December 12th:

0900-0945 Keynote: Ron Hay (University of Dundee, UK)

0945-1015 Tea Break

1015-1215 **Session IV: Ubiquitin-Mediated Proteasome System**

Chair: Steven Spoel (University of Edinburgh, UK)

Luz Irina Calderon-Villalobos (IPB Leipzig, Germany)

Emmanuelle Graciet (Maynooth University, Ireland)

2x Abstract talks

1215-1330 Lunch with posters

1330-1530 **Session V: Redox-based PTMs in stress and development**

Chair: Gary Loake (University of Edinburgh, UK)

Frank van Breusegem (VIB Ghent, Belgium)

Daniel Gibbs (University of Birmingham)

2x Abstract talks

15:30-1600 Tea break

1530-1730 **Session VI: Technological advances in PTM detection**

Chair: Alex Jones (University of Warwick, UK)

Frank Menke (The Sainsbury Laboratory, UK)

Katja Baerenfaller (ETH Zurich, Switzerland)

2x Abstract talks

Wednesday December 13th:

9am- 5pm: **GARNet Workshop on Plant Proteomics: 30 selected delegates**

Academic Lead: Dr Alex Jones (University of Warwick)