**OPENING PLENARY SESSION**

**The 2014 Hans Neurath Award Talk**

8:30 - Introduction & welcome from Protein Society President James Bowie
8:35 - Presentation of The Hans Neurath Award*
8:40 - 2014 Hans Neurath Award Winner Talk - James H. Hurley, University of California, Berkeley

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**9:10 – 9:40 EXTENDED COFFEE BREAK**

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**TRANSLATION & FOLDING**

Chair: Jane Clarke, University of Cambridge
9:40 – Introduction from Chair
9:45 – Liz Miller, Columbia University
10:15 – Young Investigator Talk – Joseph Davis, The Scripps Research Institute
10:30 – Satoshi Takahashi, Tohoku University
11:00 – Jane Clarke, University of Cambridge

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**BACTERIAL INTERACTIONS**

Chair: David Low, University of California – Santa Barbara
9:40 – Introduction from Chair
9:45 – Colin Kleanthous, University of Oxford
10:15 – Young Investigator Talk – Richard Besinger, University of Florida
10:30 – Craig Roy, Yale School of Medicine
11:00 – David Low, University of California – Santa Barbara

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**LUNCH**

11:30 AM - 1:30 PM

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**FRONTIER HIGH-THROUGHPUT TECHNIQUES**

Chair: Ed Marcotte, University of Texas - Austin
1:30 – Introduction from Chair
1:35 – Gloria Brar, University of California - Berkeley
2:05 – Young Investigator Talk – Jim Havranek, Washington University in St. Louis
2:20 – L. Stirling Churchman, Harvard Medical School

2:50 - 3:15 COFFEE BREAK

3:15 – Juri Rappsilber, University of Edinburgh
3:45 – Young Investigator Talk – Nathan Lewis, University of California, San Diego
4:00 – Ed Marcotte, University of Texas - Austin

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**PROTEINS IN ALTERED STATES**

Chair: Julie Forman-Kay, University of Toronto
1:30 – Introduction from Chair
1:35 – Matthew Chapman, University of Michigan
2:05 – Young Investigator Talk – Kendra Frederick, Massachusetts Institute of Technology
2:20 – Peter Tompa, Vrije Universiteit Brussel

2:50 - 3:15 COFFEE BREAK

3:15 – Helen Saibil, Birkbeck College
3:45 – Young Investigator Talk – Eric Ross, Colorado State University
4:00 – Julie Forman-Kay, The Hospital for Sick Children

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**EXHIBIT HALL**

4:30 – 6:30 PM

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**NETWORKING DINNER**
# Day 2 - Monday, July 28

**Schedule at-a-Glance**

## New Member Welcome Breakfast / Member Business Meeting

**7:00 - 8:15 AM**

### Protein Evolution

**Chair:** Joseph P. Noel, Salk Institute for Biological Studies

- **8:30 – Introduction from Chair**
- **8:35 – Burckhard Seelig, University of Minnesota**
- **9:05 – Young Investigator Talk - Irina Bezsonova, University of Connecticut Health Center**
- **9:20 – Dan Bolon, University of Massachusetts Medical School**
- **9:50 - 10:15 COFFEE BREAK**
- **10:15 – Morgan Beeby, Imperial College London**
- **10:45 – Young Investigator Talk - Tomoaki Matsuura, Osaka University**
- **11:00 – Joseph P. Noel, Salk Institute for Biological Studies / HHMI**

### Proteins in Disease & Therapeutics*

**Chair:** Pamela Björkman, California Institute of Technology / HHMI

- **8:30 – Introduction from Chair**
- **8:35 – Ian Wilson, The Scripps Research Institute**
- **9:05 – Young Investigator Talk – Barna Day, National Institutes of Health**
- **9:20 – Peter Kwong, NAIAD-NIH**
- **9:50 - 10:15 COFFEE BREAK**
- **10:15 – Jamie Rossjohn, Monash University**
- **10:45 – Young Investigator Talk – Deepa Balasubramaniam, University of California, San Diego**
- **11:00 – Pamela Björkman, California Institute of Technology / HHMI**

*Sponsored by Bristol-Myers Squibb

### Chemical Biology & Enzymology

**Chair:** Benjamin Cravatt III, The Scripps Research Institute

- **1:30 – Introduction from Chair**
- **1:35 – Alice Ting, Massachusetts Institute of Technology**
- **2:05 – Mark Landau, Yale University**
- **2:20 – Brian Shoichet, University of Toronto / University of California – San Francisco**
- **2:50 - 3:15 COFFEE BREAK**
- **3:15 – Yamuna Krishnan, National Center for Biological Sciences**
- **3:45 – Young Investigator Talk - Chu Wang, Peking University; The Scripps Research Institute**
- **4:00 – Benjamin Cravatt III, The Scripps Research Institute**

### Cellular Structures

**Chair:** Rebecca Heald, University of California - Berkeley

- **1:30 – Introduction from Chair**
- **1:35 – Manuel Théry, LPCV / IRTSV / DSV / CEA**
- **2:05 – Young Investigator Talk – Christian Duellberg, Cancer Research UK**
- **2:20 – Kaye Truscott, Latrobe University - 2014 Lorne Conference Exchange Speaker**
- **2:50 - 3:15 COFFEE BREAK**
- **3:15 – Thomas Surrey, LRI - CRUK**
- **3:45 – Young Investigator Talk - Shigehiro Yoshimura, Kyoto University**
- **4:00 – Rebecca Heald, University of California - Berkeley**

### Exhibits Hall

**4:30 - 6:30 PM**

- **POSTER DISPLAYS, EXHIBITS, NETWORKING MIXER**

### Education & Mentoring Committees Joint Mixer

**8:00 PM**

**Kin Spa Pool, 2nd Floor, Manchester Grand Hyatt San Diego**
**PROTEIN ENGINEERING & SYNTHETIC BIOLOGY**

**Chair:** Dek Woolfson, University of Bristol

8:30 – Introduction from Chair
8:35 – Chris Voigt, Massachusetts Institute of Technology
9:05 – Young Investigator Talk Wataru Nomura, Tokyo Medical and Dental University
9:20 – Michael Hecht, Princeton University

**Day 3 – Tuesday, July 29**

9:50 – 10:15 COFFEE BREAK

10:15 – Akif Tezcan, University of California - San Diego
10:45 – Young Investigator Talk – Benjamin Hackel, University of Minnesota
11:00 – Dek Woolfson, University of Bristol

**PROTEINS IN DYNAMIC & DRIVEN PROCESSES**

**Chair:** Klaus Hahn, University of North Carolina – Chapel Hill

8:30 – Introduction from Chair
8:35 – Maria Isabel Geli Fernandez-Penaflor, Molecular Biology Institute of Barcelona
9:05 – Brian Ziemba, University of Colorado, Boulder
9:20 – Sam Reck-Petersen, Harvard Medical School

**Day 3 – Tuesday, July 29**

2:30 – 3:15 COFFEE BREAK

10:15 – Emil F. Pai, University of Toronto
10:45 – Young Investigator Talk – Yonggang Chang, University of California, Merced
11:00 – Klaus Hahn, University of North Carolina – Chapel Hill

**LUNCH**

11:30 AM-1:30 PM

- POSTER DISPLAYS & EXHIBITS OPEN (120 MIN) – EXHIBIT HALL
- WORKSHOP: CAREER PANEL (1 HR)
- WIKIPEDIA FOR PROTEIN SCIENTISTS (1 HR)
- EXHIBITOR WORKSHOP (1 HR)

**PLENARY AWARDS SESSION**

1:30 - 5:50 PM

**Chair:** James Bowie, University of California - Los Angeles - Protein Society President

1:30 - Introduction from Chair
1:35 - Presentation of The Dorothy Crowfoot Hodgkin Award*
1:40 - 2014 Hodgkin* Award Winner Talk - Judith Frydman, Stanford University School of Medicine
2:10 - Presentation of The Christian B. Anfinsen Award
2:15 - 2014 The Anfinsen Award Winner Talk - Robert Tycko, NIDDK/NIH
2:45 - Presentation of The Emil T. Kaiser Award
2:50 - 2014 Kaiser Award Winner Talk - Carol Fierke, University of Michigan

3:40 - Presentation of The Protein Science Young Investigator Award
3:45 - 2014 Young Investigator Award Winner Talk - M. Madan Babu, MRC LMB Cambridge
4:15 - Presentation of the 2013 Hans Neurath Award**
4:20 - 2013 Neurath Award Winner Talk - Jennifer Doudna, University of California - Berkeley
4:50 - Presentation of the Protein Society Service Awards
5:00 - Presentation of the Best Poster Awards***
5:15 - Presentation of the Carl Brändén Award****
5:20 - 2014 Brändén Award Winner Talk - Stephen White, University of California - Irvine

*Sponsored by Genentech | **Sponsored by The Neurath Foundation | ***This activity is sponsored by an educational grant from Lilly. For more information concerning Lilly grant funding please visit www.lillygrantoffice.com | ****Sponsored by Rigaku

**Members’ Reception**

**The New Children’s Museum**

200 W Island Ave

7:00 PM
PROTEIN DEGRADATION

Chair: Paula da Fonseca, MRC-LMB
8:30 – Introduction from Chair
8:35 – Michael Rape, University of California - Berkeley
9:05 – Young Investigator Talk - Tejas Kalastavadi, Massachusetts Institute of Technology
9:20 – Paula da Fonseca, MRC-LMB, Cambridge
9:50 – Young Investigator Talk - Paola Di Lello, Genentech
10:05 – Matthew Bogyo, Stanford University

MembraNE ProteINS & ReceptORS

Chair: Douglas Rees, California Institute of Technology / HHMI
8:30 – Introduction from Chair
8:35 – Chris Garcia, Stanford University School of Medicine / HHMI
9:05 – Young Investigator Talk – Claudia Corbo, Houston Methodist University
9:20 – William Dowhan, University of Texas Houston Medical School
9:50 – Young Investigator Talk – Matthew Torres, Georgia Institute of Technology
10:05 – Douglas Rees, California Institute of Technology / HHMI

10:35 – 11:00 COFFEE BREAK

CLOsiNg PlEnaRy SeSSIOn

The 2014 SteIN & Moore Award Talk

11:00 – Introduction from James Bowie, Protein Society President
11:05 – Presentation of The Stein and Moore Award
11:10 - 2014 Stein and Moore Award Winner Talk - Nikolaus Pfanner, University of Freiburg

--END OF PROGRAM--

2PM – Following the Symposium

The Jack Aviv Appreciation Symposium

July 30, 2014
The Scripps Research Institute, San Diego, CA