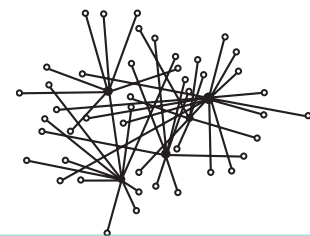


# LifeNet Discussion Meeting: Proteostasis

Breisach am Rhein, September 29 - October 1, 2013



## Preliminary Program

Sunday, Sept. 29th	
<i>Until 14:15</i>	<i>Arrival, registration and welcome coffee</i>
14:15 – 14:30	Welcome address
<b>14:30 – 16:00</b>	<b>Session 1: Systems Biology and Modeling</b>
14:30 – 15:00	Robert F. Murphy Carnegie Mellon University Image-Derived Models of Subcellular Organization and Perturbation
15:00 – 15:30	Hauke Busch/Melanie Boerries University of Freiburg Using Rule based models to bridge gene and protein regulation in keratinocyte migration
15:30 – 16:00	William S. Hlavacek Los Alamos National Laboratory Using mechanistic models to interpret proteomic data
<i>16:00 – 16:30</i>	<i>Coffee Break</i>
<b>16:30 – 17:30</b>	<b>Session 2: Proteases</b>
16:30 – 17:00	Ulrich auf dem Keller ETH Zurich SkiNterminomics - Dissecting proteolytic pathways in skin repair
17:00 – 17:30	Oliver Schilling University of Freiburg Characterization of Proteolytic Signalling on a Proteome-wide Scale
<i>18:00 – 20:00</i>	<i>Wine Tasting</i>
<i>20:30</i>	<i>Dinner</i>
Monday, Sept. 30th	
<b>9:00 – 10:30</b>	<b>Session 3: Turnover</b>
9:00 – 9:30	Matthias Selbach MDC Berlin Studying proteome dynamics using quantitative mass spectrometry
9:30 – 10:00	Jeroen Krijgsveld EMBL Labeling and enrichment strategies for the analysis of protein synthesis and secretion
10:00 – 10:30	Mark Larance University of Dundee Subcellular Characterisation of Rapid Protein Turnover
<i>10:30 – 11:00</i>	<i>Coffee Break</i>
<b>11:00 – 12:30</b>	<b>Session 3 (continued): Turnover</b>
11:00 – 11:30	Josh Elias Stanford University Proteomics meets translation analysis: towards balancing the protein turnover equation
11:30 – 12:00	Stefan Kempa MDC Berlin Decoding the dynamics of metabolism

## Program (continued)

12:00 – 12:30	Marcus Krüger MPI for Heart and Lung Research Dynamic Stable isotope labeling of living animals for protein turnover rates
12:30 – 14:00	<i>Lunch</i>
<b>14:00 – 15:00</b>	<b>Session 4: Autophagosomal-Lysosomal System</b>
14:00 – 14:30	Christian Behrends University of Frankfurt Dissecting the mammalian autophagy pathway: From networks to functions
14:30 – 15:00	Kay Hofmann University of Cologne Short linear motifs confer specificity to the autophagy pathway
15:00 – 15:30	<i>Coffee Break</i>
<b>15:30 – 16:30</b>	<b>Session 5: PTM Crosstalk</b>
15:30 – 16:00	Chuna Choudhary University of Copenhagen Proteomic investigation of ubiquitylation and its crosstalk with lysine acetylation
16:00 – 16:30	Bettina Warscheid University of Freiburg Study of Signaling Processes In and Out of the Myofibrillar Z-Disc
<b>16:30 – 17:30</b>	<b>Keynote lecture:</b> Pierre Thibault Université de Montreal The autophagolysosome system at the crossroads between proteostasis and immunological response
18:00 – 19:00	<b>Poster Session</b> with drinks
19:00	<i>Conference Dinner</i>
Tuesday, Oct. 1st	
<b>9:00 – 10:30</b>	<b>Session 6: UPS</b>
9:00 – 9:30	Benedikt M. Kessler University of Oxford Chemoproteomics strategies for profiling Ubiquitin processing in cancer cells
9:30 – 10:00	Junmin Peng St. Jude Children's Research Hospital Quantitative Proteomics to Ubiquitin Chain Function
10:00 – 10:30	Don Kirkpatrick Genentech Inc. Multiplexed profiling of proteins and ubiquitin substrates in cancer cells
10:30 – 11:30	<i>Closing remarks and farewell coffee</i>