



# FRIAS

FREIBURG INSTITUTE  
FOR ADVANCED STUDIES  
ALBERT-LUDWIGS-  
UNIVERSITÄT FREIBURG  
SCHOOL OF  
LIFE SCIENCES – LIFENET



## FRIAS LIFENET DISCUSSION MEETING ON PROTEOSTASIS

### SEPTEMBER 29 – OCTOBER 1, 2013

For decades, scientists were fascinated by protein synthesis trying to outline the central dogma of molecular biology on how a protein can be synthesized from DNA encoded information. With the discovery of the ubiquitin-proteasome system and the molecular machinery involved in autophagy also protein degradation became an intensive field of research. The interdisciplinary workshop will focus on exploring new opportunities made possible by recent developments in mass spectrometry-based proteomics to study protein turnover, synthesis and degradation. Specifically, the experimental elucidation of underlying molecular mechanisms and respective signaling events will be discussed. We bring together cell/molecular biological, theoretical as well as technical experts to address questions related to protein turnover, the ubiquitin-proteasome system, the autophagosomal-lysosomal system, and their crosstalk.

#### Keynote Speaker:

**Pierre Thibault**  
Université de Montréal, Canada

#### Confirmed Speakers:

**Ulrich Auf dem Keller**  
ETH Zurich, Switzerland

**Christian Behrends**  
University of Frankfurt, Germany

**Melanie Boerries**  
University of Freiburg, Germany

**Hauke Busch**  
University of Freiburg, Germany

**Chunaram Choudhary**  
University of Copenhagen, Denmark

**Joshua Elias**  
Stanford University, USA

**William S. Hlavacek**  
Los Alamos National Laboratory,  
USA

**Kay Hofmann**  
University of Cologne, Germany

**Stefan Kempa**  
Max Delbrück Center for  
Molecular Medicine, Germany

**Benedikt M. Kessler**  
University of Oxford, UK

**Don Kirkpatrick**  
Genentech Inc., USA

**Jeroen Krijgsveld**  
EMBL, Germany

**Marcus Krüger**  
Max Planck Institute for Heart and  
Lung Research, Germany

**Mark Larance**  
University of Dundee, UK

**Robert F. Murphy**  
Carnegie Mellon University, USA

**Junmin Peng**  
St. Jude Children's  
Research Hospital, USA

**Oliver Schilling**  
University of Freiburg, Germany

**Matthias Selbach**  
Max Delbrück Center for  
Molecular Medicine, Germany

**Bettina Warscheid**  
University of Freiburg, Germany

#### Organizers:

**Jörn Dengjel**  
FRIAS LifeNet, ZBSA, Germany

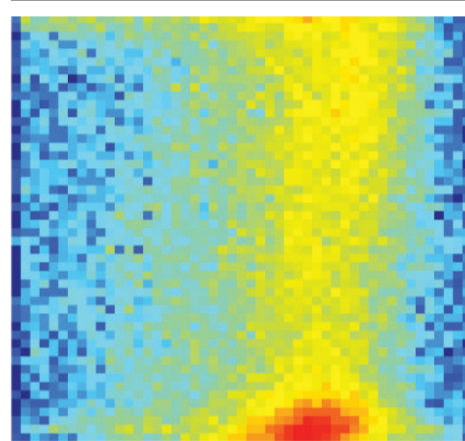
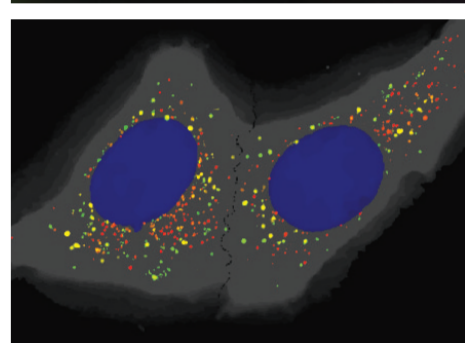
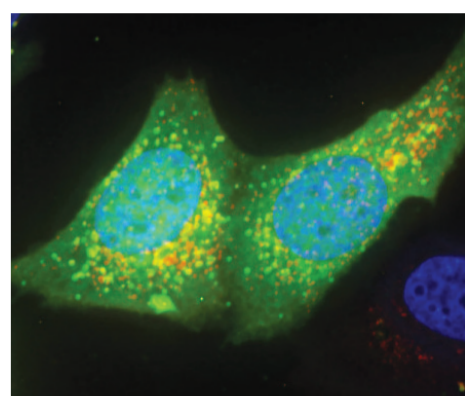
**Blagoy Blagoev**  
University of Southern Denmark,  
Denmark

#### Location:

**Hotel am Münster**  
Breisach am Rhein, Germany

#### Information:

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