

SYMPOSIUM: Independent Junior Group Leader, Systems Biology**Wednesday, November 25, 2009**

Max Delbrück Communications Center, Axon 2, Robert-Rössle-Str. 10, 13125 Berlin

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- 09:15 Introduction by Walter Rosenthal and Nikolaus Rajewsky
- 09:30 Niels Gehring, European Molecular Biology Laboratory, Heidelberg
Gene expression: Post-transcriptional regulation and quality
- 10:00 Alexander Löwer, Harvard Medical School, Boston
Always on guard: p53 dynamics in single living cells
- 10:30 Coffee break
- 10:50 Igor Vifan, Delft University of Technology, Delft
RNA world – From single molecules to networks
- 11:20 Christine Vogel, The University of Texas at Austin, Austin
Human proteome dynamics – System-wide studies of translation regulation and protein turnover
- 11:50 George Reid, European Molecular Biology Laboratory, Heidelberg
The basic and translational biology of dynamic DNA methylation and transcriptional cycling
- 12:20 Lunch break
- 13:30 Tobias Bollenbach, Harvard Medical School, Boston
Non-optimal microbial response to antibiotics underlies suppressive drug interactions
- 14:00 Markus Kollmann, Humboldt-Universität zu Berlin, Berlin
Principles of robust signaling in living cells
- 14:30 Coffee break
- 14:50 Remo Rohs, Columbia University, New York
The role of DNA shape in protein-DNA recognition
- 15:20 Khaled Khairy, European Molecular Biology Laboratory, Heidelberg
Shape matters – Investigating cell and tissue mechanics in 3D using morphometry and imaging