



17:30

# Symposium on Structural Systems Biology A presentation of CSSB Research Topics

November 17, 2015, Lecture Hall R, Building J6  
Medizinische Hochschule Hannover, 30625 Hannover

title  
**Peter Gunning**



9:00

November 18, 2015, Lecture Hall B, Building J2,

Short introduction  
**Dietmar Manstein**

9:15

Integrative imaging of molecular virus-host interactions  
**Kay Grünewald**

9:40

Structure-based viral biology  
**Thomas Krey**

10:05

Membrane Protein Crystallization  
**Jörg Labahn**

10:30

Coffee Break

11:00

RNA-protein complexes in RNA metabolism: an integrative structural biology approach  
**Teresa Carlomagno**

11:25

Molecular Machines in Action  
**Thomas Marlovits**

11:50

Targeting malaria pathogens with small molecule glideosome inhibitors  
**Matthias Preller**

12:15

Red blood cell invasion of the malaria parasite  
**Tim Gilberger**

12:40

Lunch

14:00

Structural basis of mitochondrial RNA biogenesis  
**Martin Hällberg**

14:25

The in and the out of nutrient uptake systems – structural basis of the alternate access mechanism  
**Christian Löw**

14:50

Bacterial pathogenesis: molecular mechanism of effector delivery into host cells  
**Michael Kolbe**

## Anmeldung:

Cornelia Ziegler

Medizinische Hochschule Hannover

Institut für Biophysikalische Chemie, Zentrum Biochemie der MHH

[www.mh-hannover.de/bpc.html](http://www.mh-hannover.de/bpc.html)

[Ziegler.Cornelia@mh-hannover.de](mailto:Ziegler.Cornelia@mh-hannover.de)

Tel.: +49 511 532 3702

