



MASARYK  
UNIVERSITY



CEITEC

Central European Institute of Technology  
BRNO | CZECH REPUBLIC

# LIFE SCIENCES 2016

## seminar series

MU LSS – Thursday, 16:00, A11/132, University campus Bohunice  
Mendel Lectures – Thursday, 17:00, Refectory of the  
Augustinian Abbey, Mendel Museum

### SEPTEMBER

22/09/2016 **Wolfgang Baumeister** *The Molecular Machinery of Intracellular Protein Degradation: Structural Studies *ex situ* and *in situ**  
Max Planck Institute of Biochemistry, Germany  
*Hosted by: Vladimír Sklenář*

29/09/2016 **Stephan Günther** *Ebola Virus Disease in West Africa – Outbreak Response & Operational Research*  
Bernard-Nocht Institute for Tropical Medicine, Hamburg, Germany  
*Hosted by: Josef Bryja*

### OCTOBER

06/10/2016 **Yoshinori Watanabe** *Molecular Mechanisms of Meiotic Chromosome Segregation in Eukaryotes*  
Institute of Molecular and Cellular Biosciences, University of Tokyo, Japan  
*Hosted by: Martin Anger*

13/10/2016 **Mihaela Zavolan** *Generation and functional relevance of 3' end transcript isoforms*  
Biozentrum, University of Basel, Switzerland  
*Hosted by: Štěpánka Vaňáčová*

20/10/2016 **Rainer Goebel** *Integrating Macroscopic and Mesoscopic Human Brain Imaging: From basic fMRI research at ultra-high magnetic fields to therapeutic real-time applications*  
Maastricht University, Netherlands  
*Hosted by: Michal Mikl*

27/10/2016 **Bart Kempnaers** *You snooze, you lose: sexual selection and the evolution of sleep*  
Max Planck Institute for Ornithology, Seewiesen, Germany  
*Hosted by: Tomáš Albrecht*

### NOVEMBER

03/11/2016 **Uwe T. Bornscheuer** *Enzyme Discovery, Engineering, and Application in Biocatalysis*  
University of Greiswald, Germany  
*Hosted by: Jiří Damborský*

10/11/2016 **Austin Smith** *Design Principles of Pluripotency*  
University of Cambridge/Wellcome Trust/MRC Cambridge Stem Cell Institute, UK  
*Hosted by: Petr Dvořák*

24/11/2016 **Javier Caceres** *Biogenesis and turnover of small RNAs in health and disease*  
MRC Human Genetics Unit, University of Edinburgh, UK  
*Hosted by: Mary O'Connell*

### DECEMBER

01/12/2016 **Marc Bühler** *ncRNA-directed epigenetic gene regulation*  
Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland  
*Hosted by: Markus Dettenhofer*

08/12/2016 **Kristina Djinojic Carugo** *Towards Sarcomeric Z-disk Structure: by Lego Building Blocks*  
MFPL, Vienna, Austria  
*Hosted by: Twinning BISON*

15/12/2016 **Paul Kubes** *Imaging the Immune Response in injury and infection*  
University of Calgary, Alberta, Canada  
*Hosted by: Lukáš Kubala*



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