



# 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

### FEBRUARY

25/02/2016 **Vladimir Katanaev** Wnt signaling: from funda-  
Faculty of Biology and mental studies of a signaling  
Medicine, University of pathway to anti-cancer drug  
Lausanne, Switzerland discovery

### MARCH

03/03/2016 **Michael G. Rossmann** A Personal History of  
Hockmeyer Hall of Structural Virology  
Structural Biology, Purdue  
University, West Lafayette,  
USA

10/03/2016 **Janusz M. Bujnicki** Modeling and design of RNA  
Laboratory of Bioinformatics 3D structures and RNA-pro-  
and Protein Engineering, tein complexes: towards RNA  
International Institute of nanotechnology  
Molecular and Cell Biology,  
Warsaw, and Institute of  
Molecular Biology and  
Biotechnology, Adam  
Mickiewicz University,  
Poznan, Poland

17/03/2016 **Bon-Kyoung Koo** LGR5+ intestinal stem cells,  
WT-MRC Cambridge Stem RNF43 tumorigenesis, and  
Cell Institute, University of CFTR gene correction in  
Cambridge, UK adult stem cells

24/03/2016 **Hashim M. Al-Hashimi** Role of Dynamic Base Pair  
Department of Polymorphism in the Central  
Biochemistry, Duke Dogma of Molecular Biology  
University, USA

31/03/2016 **George Weinstock** The human microbiome:  
The Jackson Laboratory a new frontier that might  
for Genomic Medicine, just affect everything  
Farmington, Connecticut,  
USA

### APRIL

07/04/2016 **Steve Jackson** Harnessing Genetic  
Gurdon Institute, Principals to Treat Human  
University of Cambridge, Disease  
UK

14/04/2016 **Filipo Drago** The role of dopamine  
Department of Biomedical D3 receptors in  
and Biotechnological psychopathology  
Sciences, University of  
Catania and School of  
Medicine Catania, Italy

21/04/2016 **Jennifer Doudna** CRISPR-Cas Genome  
Howard Hughes Medical Surveillance: From Biology to  
Institute, University of Breakthrough Technology  
California, Berkeley, USA

28/04/2016 **Frank van Breusegem** Oxidative stress signalling in  
VIB Department of Plant plants. Towards the proteo-  
Systems Biology, Gent, me and beyond  
Belgium

### MAY

05/05/2016 **Joan Steitz** Viral and Cellular Noncoding  
Howard Hughes Medical RNAs: Insight into Evolution  
Institute, Yale University,  
New Haven, USA

12/05/2016 **Stéphan Vagner** Insights into RNA-mediated  
Institut Curie, Orsay, France effectors of cancer hallmarks:  
focus on mRNA translation  
and polyadenylation

19/05/2016 **Stephen J. Benkovic** On De Novo Purine  
Department of Chemistry, Biosynthesis: The  
The Pennsylvania State Pusinosome  
University, USA

