



MASARYK  
UNIVERSITY



CEITEC

Central European Institute of Technology  
BRNO | CZECH REPUBLIC



# LIFE SCIENCES 2018

## 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

22/02/2018 **Phil Selenko**  
Leibniz Institute of  
Molecular  
Pharmacology, Berlin, DE  
*NMR as a Discovery Tool in Cell  
Biology*  
Hosted by: Lukáš Židek

### MARCH

01/03/2018 **David Rueda**  
Imperial College London,  
UK  
*From Single Molecules to Single  
Cells: Imaging Protein-Nucleic  
Acid Interactions*  
Hosted by: Lumír Krejčí

06/03/2018 **Elena Conti**  
Tuesday  
Max-Planck-Institut  
für Biochemie, DE  
*The RNA Exosome-Ribosome  
Connection: Coupling  
Synthesis to Degradation*  
Hosted by: Štěpánka Vaňáčková

15/03/2018 **Andrew deMello**  
ETH Zurich, CH  
*Microfluidics for Ultra-High-  
Throughput Biology: Droplets &  
Photons*  
Hosted by: Zbyněk Prokop

22/03/2018 **Stephen O'Rahilly**  
University of Cambridge,  
UK  
*The Causes and Consequences of  
Human Obesity, Lessons from  
Genetics*  
Hosted by: Mary O'Connell

29/03/2018 **Cristina Reschke**  
Royal College of Surgeons  
in Ireland, UK  
*MicroRNA Targeting for the  
Treatment of Epilepsy: the Journey  
to Preclinical Development*  
Hosted by: Milan Brázdil

### APRIL

05/04/2018 **Glenn King**  
University of Queensland,  
Brisbane, AU  
*Thinking Outside the Box: Could  
Spiders Provide a New Generation  
of Eco-Friendly Insecticides?*  
Hosted by: Stanislav Pekár

12/04/2018 **Vincenzo Costanzo**  
IFOM - Fondazione  
Istituto FIRC di Oncologia  
Molecolare, Milan, IT  
*Molecular Mechanisms of  
Replication Fork Protection*  
Hosted by: Lumír Krejčí

19/04/2018 **Tom Misteli**  
National Cancer  
Institute, NIH, Bethesda,  
US  
*The Cell Biology of  
the Genome*  
Hosted by: Eva Bártová

26/04/2018 **Donald Hilvert**  
ETH Zurich, CH  
*Design and Evolution of Efficient  
Artificial Aldolases*  
Hosted by: Jiří Damborský

### MAY

03/05/2018 **Mark Ptashne**  
Sloan Kettering Memorial  
Cancer Center, New York,  
US  
*The Logic Of Gene Regulation*  
Hosted by: Liam Keegan

10/05/2018 **Erik Sahai**  
Francis Crick  
Institute, London, UK  
*Novel Mechanisms of Cancer –  
Stroma Crosstalk and Implications  
for Therapy*  
Hosted by: Víta Bryja

17/05/2018 **Steven Brenner**  
Foundation for Applied  
Molecular Evolution,  
Alachua, US  
*Artificial Genetics and Evolution  
in the New Millennium*  
Hosted by: Judit and Jiří Šponer

24/05/2018 **Anthony Davis**  
University of Bristol, UK  
*Biosupramolecular Chemistry:  
Towards Anion and Carbohydrate  
Receptors with Biomedical  
Applications*  
Hosted by: Ondřej Jurček



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