

# LIFE SCIENCES

seminar series program

## FEBRUARY

19/02/2015 **Mary O'Connell**  
CEITEC, Brno, Czech Republic  
RNA and immunity: how does the cell discriminate self from non-self RNA?

26/02/2015 **Nenad Ban**  
Institute of Molecular Biology & Biophysics, ETH Zurich, Switzerland  
Beyond the prokaryotic ribosome: structural and functional insights into eukaryotic and mitochondrial ribosomes

## MARCH

05/03/2015 **Herbert Waldmann**   
Max Planck Institute of Molecular Physiology, Germany  
Biology Oriented Synthesis

12/03/2015 **Pavel Tomančák**  
Max Planck Institute of Molecular Cell Biology, Germany  
Patterns of gene expression in development and evolution

19/03/2015 **Kurt Wüthrich**   
The Scripps Research Institute, USA  
The Colorful Postgenomic World of Proteins

26/03/2015 **Pavel Plevka**  
CEITEC, Brno, Czech Republic  
Structural Virology: Beauty of the Beast

## APRIL

02/04/2015 **Sunney Xie**   
Department of Chemistry and Chemical Biology, Harvard University, USA  
Life at the Single Molecule Level: Single Cell Genomics

09/04/2015 **Michael Rosbash**   
Howard Hughes Medical Institute, USA  
Biological Time Travels: Old and New Circadian Rhythm Tales

16/04/2015 **Mark Richardson**  
Basic and Clinical Neurosciences, King's College London, UK  
Large-scale brain connectivity and dynamics in human epilepsy

23/04/2015 **Igor Adameyko**  
Developmental biology and regenerative medicine, Karolinska Institutet, Sweden  
Multipotent nerve-associated cells give rise to entire parasympathetic system

**Jorge Ruas**  
Molecular and Cellular Exercise Physiology, Karolinska Institutet, Sweden  
How changes in your skeletal muscle can change your mood: A novel PGC-1 / Kynurenine axis

**Ernest Arenas**  
Department of Medical Biochemistry and Biophysics, Karolinska Institutet, Sweden  
Generating dopaminergic neurons for Parkinson disease cell replacement therapy

30/04/2015 **John Sutherland**  
MRC Laboratory of Molecular Biology, Cambridge, UK  
Origins of Life Systems Chemistry

## MAY

07/05/2015 **Teva Vernoux**  
Laboratoire de Reproduction et Développement des Plantes, Lyon, France  
Emergence of time periodicity in a plant self-organizing system

14/05/2015 **Jan Ellenberg**  
EMBL, Heidelberg, Germany  
Molecular mechanism of the nuclear division cycle in the physiological context of the intact living cell

21/05/2015 **Jules A. Hoffmann**   
Molecular and Cellular Biology Institut, CRNS, France  
Innate Immunity: From Flies to Humans

28/05/2015 **Maria Jasin**   
Memorial Sloan Kettering Cancer Center, USA  
Protecting the Genome by Homologous Recombination



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