

# Life Sciences Seminar Series

Spring 2019

MU LSSS-THURSDAY, 4:00 P.M.,  
UNIVERSITY CAMPUS BOHUNICE, A11/132

MENDEL LECTURES-THURSDAY, 5:00 P.M.,  
MENDEL MUSEUM'S AUGUSTINIAN ABBEY REFECTORY  
(MENDELOVO MUZEUM, MENDLOVO NÁM. 1A)

## FEBRUARY

- 28.02.2019 | **Dissecting the Role of Vesicular Trafficking in Differential Cell Elongation in Arabidopsis**  
**RISHI BHALERAJ**, Umea Plant Science Centre, Sweden  
Hosted by Helene Robert Boisivon

## MARCH

- 07.03.2019 | **The Regulation of Lymphocyte Development and Activation by the ZFP36 RNA Binding Proteins**  
**MARTIN TURNER**, Babraham Institute, United Kingdom  
Hosted by Marek Mráz

- 14.03.2019 | **Well-being Is a Skill: Perspectives From Affective and Contemplative Neuroscience**  
**RICHARD J. DAVIDSON**, University of Wisconsin-Madison, USA  
Hosted by Miroslav Světlák



- 21.03.2019 | **CRISPR-Cas9: a Bacterial Immune System Repurposed as a Transformative Genome Engineering Technology**  
**EMMANUELLE CHARPENTIER**, Max Planck Institute for Infection Biology, Germany  
Hosted by Lumír Krejčí



- 28.03.2019 | **Nagoya Protocol: Linking Life Science and the Global Politics of Nature Conservation**  
**ELISKA ROLFOVA**, Ministry of the Environment of the Czech Republic

## APRIL

- 04.04.2019 | **The Making of N-glycoproteins: the Evolution of a Prokaryotic Post-translational Modification into a Complex Eukaryotic Pathway**  
**MARKUS AEBI**, Institute of Microbiology, ETH Zurich, Switzerland  
Hosted by Jaroslav Koča
- 11.04.2019 | **Decoding Transcriptional Regulation in Drosophila**  
**ALEXANDER STARK**, Research Institute of Molecular Pathology, Austria  
Hosted by Liam Keegan

- 18.04.2019 | **Thinking Outside the Box: Could Spiders Provide a New Generation of Eco-friendly Insecticides?**

**GLENN KING**, University of Queensland, Australia  
Hosted by Stanislav Pekár

- 25.04.2019 | **Czech Centre for Phenogenomics – the Gate to Comprehensive Description of Gene Functions**

**RADISLAV SEDLÁČEK**, Institute of Molecular Genetics of the ASCR, v. v. i., Czech Republic  
Hosted by Mary O'Connell

## MAY

- 02.05.2019 | **From Genomics to Therapeutics: Uncovering and Manipulating The Genetic Circuitry of Human Disease**

**MANOLIS KELLIS**, Massachusetts Institute of Technology, USA  
Hosted by Jiří Damborský

- 09.05.2019 | **The Awesome Power of Fluorine NMR**

**ANGELA GRONENBORN**, University of Pittsburgh, USA  
Hosted by Jozef Hritz

- 16.05.2019 | **The Rise and Promise of Artificial Molecular Machines Based on the Mechanical Bond**

**FRASER STODDART**, Northwestern University, USA  
Hosted by Ondřej Jurček

- 23.05.2019 | **Progress Toward the Discovery of New Antibiotics with Efficacy Against Multi-drug Resistant Bacterial Pathogens**

**ANDREW G. MYERS**, Harvard University, Cambridge, USA  
Hosted by Jakub Švenda

- 30.05.2019 | **Wnt Signaling and the Generation of New Cells in the Liver**

**ROEL NUSSE**, Stanford University, USA  
Hosted by Vítězslav Bryja

If you want to meet the speaker, contact the corresponding host.

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