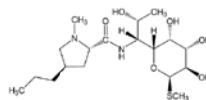
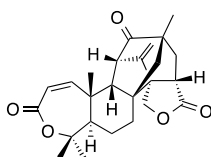


# Joint Czech–Japan workshop

## “Innovative technologies for the discovery of natural products”

Free admission



**WHEN:** **November 9, 2016; 9:00-16:30**

**WHERE:** **Lecture hall of Institute of Physiology (Kinosál), Vídeňská 1083, Prague 4.**

### Keynote and invited speakers:

Takuya NIHIRA (Osaka University, JP)

Ikuro ABE (The University of Tokyo, JP)

David SEDLAK (Institute of Molecular Genetics, CZ)

Veronika OBSILOVA (Institute of Physiology, CZ)

## PROGRAM

**9:00 – 9:50**

Jiri Janata (Institute of Microbiology) “Lincosamides – an inspirational model connecting biosynthesis, regulation and resistance” and

Zdenek Kamenik “Elucidation and engineering of biosynthetic pathways of lincosamides”

**9:50 – 10:40** *Keynote lecture:*

Takuya Nihira (Osaka University) “Deciphering on-off network of *Streptomyces* secondary metabolism”

**10:40 – 11:20** *Invited lecture:*

David Sedlak (Institute of Molecular Genetics AS CR) “CZ-OPENSREEN: National infrastructure for chemical biology - New molecular probes for modern cell biology and future therapeutics”

**11:20 – 11:40**

Takushi Namba (Kochi University) “Avarol induces apoptosis in *pancreatic ductal adenocarcinoma cells* by activating PERK–eIF2 $\alpha$ –CHOP signaling”

**11:40 – 13:30** Excursion (japanese group) and lunch

**13:30 – 14:00** *Invited lecture:*

Veronika Obsilova (Institute of Physiology AS CR) “Scaffolding in action: regulation of neutral trehalase”

**14:00 – 14:50** *Keynote lecture:*

Ikuro Abe (The University of Tokyo) “Biosynthesis of Fungal Meroterpenoids”

**14:50 – 15:20**

Toshiyuki Wakimoto (Hokkaido University) “Marine sponge-derived metagenomes/uncultured bacteria - a rich source of novel natural product biosynthetic genes”

Coffee break 15 min

**15:35 – 16:05**

Shigeru Kitani (Osaka University) “Waking up cryptic secondary metabolism in actinomycetes for the discovery of new natural products”

**16:05 – 16:25**

Hidenori Tanaka (Kochi University) “A lactamization strategy for synthesis of marine sialic acid-containing glycosphingolipids”

**16:25 – 16:30** Dana Ulanova (Kochi University) Closing comments

**Co-organized by:** *Division of Interdisciplinary Science, Kochi University; Faculty of Agriculture and Marine Science, Kochi University and Institute of Microbiology, The Czech Academy of Sciences*

**Supported by:**

*JSPS Bilateral Open Partnership Joint Seminars*

