

Conference

pigmod

and
Czechoslovak Biological Society

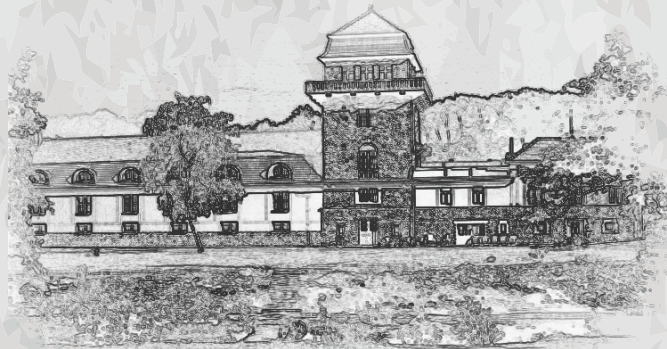
**From reproductive biology
to large animal models of human diseases**

September 23, 2016

Venue:

Rašíanky Areal, Liběchov

- located in 50 m distance from the research institute



**Registration is free of charge.
On-line registration form**

Organized by
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Pigmod Centre

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From reproductive biology to large animal models of human diseases

September 23, 2016

Institute of Animal Physiology and Genetics, AS CR, Libechov, Czech Republic

- 9:00 – 9:05 **Meeting opening**
- 9:05 – 9:20 **Introduction**
Josef Fulka, jr.
Institute of Animal Science, Prague, Czech Republic
- Key note lecture
- 9:20 – 10:05 **Genetically tailored pigs as models of human diseases and tissue donors for xenotransplantation**
Eckhard Wolf
Gene Center and Center for Innovative Medical Models (CiMM), Ludwig-Maximilian University, Munich, Germany
- 10:05 – 10:40 **The Pigmode: how to build and maintain world class research center**
Martin Marsala
University of California, San Diego, USA
- 10:40 – 11:10 *coffee break*
- 11:10 – 11:40 **Large cytoplasm predisposes oocytes to chromosome segregation errors**
Tomoya S Kitajima
RIKEN Center for Developmental Biology, Kobe, Japan
- 11:40 – 12:10 **Inverted light-sheet microscope for imaging mouse pre-implantation embryos and organoids**
Petr Strnad
Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland
- 12:10 – 12:40 **A sobering look at the mammalian RNAi pathway**
Petr Svoboda
Institute of Molecular Genetics AS CR, Prague
- 13:00 – 14:15 *lunch*
- 14:15 – 14:30 **DNA double strand-breaks response during oocyte meiotic maturation**
Petr Solc
Pigmod Centre, Institute of Animal Physiology and Genetics AS CR, Libechov
- 14:30 – 14:45 **From reproduction to Pig Models of Diseases - Introducing the PIGMOD Center.**
Zdenka Ellederova
Pigmod Centre, Institute of Animal Physiology and Genetics AS CR, Libechov
- 14:45 – 15:00 **title will be announced later**
Petr Vodicka
Pigmod Centre, Institute of Animal Physiology and Genetics AS CR, Libechov and Massachusetts General Hospital, Charlestown, USA

- 15:00 – 15:15 **Translational regulation in the mammalian oocyte**
Andrej Susor
Institute of Animal Physiology and Genetics AS CR, Libechov
- 15:15 – 15:30 **Gene expression analysis of pig cumulus-oocyte complexes stimulated in vitro with follicle stimulating hormone or epidermal growth factor-like peptides**
Milan Blaha
Institute of Animal Physiology and Genetics AS CR, Libechov
- 15:40 – 16:00 *coffee break*
- Key note lecture (by real-time internet streaming)
- 16:00 – 17:00 **From egg to embryo; a peripatetic journey.**
Richard M Schultz (via web conference)
University of Pennsylvania and University of California, Davis, USA
- 17:00 – 17:15 *concluding remarks*
- 17:30 – ... *dinner*