

PROGRAM

OPENING SESSION:

09:00 - 09:15

Prof. Václav Hořejší, C.Sc.

SESSION I.: MODEL SYSTEMS

Chair: Michaela Horejsková

09:20 - 09:40

1. Ondřej Svoboda, M.Sc.

Dept. of Cell Differentiation

Regulation of hematopoiesis in vertebrates

09:40 - 10:00

2. Michaela Starostová, M.Sc.

Dept. of Molecular Virology

Chick embryo & in ovo electroporation

10:00 - 10:20

3. David Homolka, M.Sc.

Dept. of Mouse Molecular Genetics

Study of mouse model with chromosomal rearrangement causing male sterility

10:20 - 10:45 Coffee break

SESSION II.: INSIGHTS INTO

PROTEIN FUNCTIONS

Chair: Vendula Pospíchalová

10:45 - 11:05

4. Stanislav Vinopal, M.Sc.

Dept. of Biology of Cytoskeleton

Identification of a novel gamma-tubulin-associated protein

11:05 - 11:25

5. Petr Flachs, M.Sc.

Dept. of Mouse Molecular Genetics

The H3K4 methylase HST1/PRDM9 localizes to germ-cell-specific small RNA regulation centers

11:25 - 11:45

6. Michaela Krausová, M.Sc.

Dept. of Cellular and Developmental Biology

Wnt signaling signature in human sporadic colorectal cancer

11:45 - 12:05

7. Aleš Neuwirth, M.Sc.

Dept. of Immunobiology

Complexity of alpha-defensin expression in rat thymus

12:05 - 13:15 Lunch

SESSION III.: TOOLS IN SCIENCE

Chair: Igor Grekov

13:15 - 13:35

8. Magda Matoušková, M.Sc.

Dept. of Viral and Cellular
Genetics

*Quantitative analyses of CpG
methylation*

13:35 - 13:55

9. Iva Polakovičová, M.Sc.

Dept. of Signal Transduction

Silence your genes

13:55 - 14:15

10. Jana Nejeplínská, M.Sc.

Dept. of Epigenetic Regulations

Fireflies on a dish

14:15 - 14:35

11. Monika Bambousková, M.Sc.

Dept. of Signal Transduction

*Electron microscopy on isolated
plasma membrane sheets as a
tool for studies of topography of
signaling molecules*

14:35 - 15:10 Coffee break

KEYNOTE LECTURE:

15:10 - 16:00

Mirka Uhlířová, Ph.D.

Junior Group Leader, University of
Cologne, CECAD Cologne -
Excellent in Aging Research,
Germany

*Stress signaling in development
and cancer*

CAREER DEVELOPMENT LECTURE:

16:00 - 16:30

Jan Pechl, Ph.D.

Light Microscopy Facility, MPI-
CBG, Dresden, Germany

*Career in scientific services -
light microscopy as a helping
profession*

CONCLUDING REMARKS:

16:30 - 17:00

Best presentations evaluation

17:00 - ...

PhD Party

Barbecue party