



Annual IMG/BTI Conference

December 19, 2008 – IMG, Milan Hašek auditorium

8:15-8:30 Introduction: Václav Hořejší

MORNING SESSION

8:30-10:30 Chair: Jiří Forejt

- 8:30-9:00 - Čestmír Vlček (Laboratory of Genomics and Bioinformatics):
Next-generation Sequencing Transforms Today's Biology
- 9:00-9:30 - Petr Svoboda (Laboratory of Epigenetic Regulations):
Mechanisms Regulating Oocyte-to-Embryo Transition
- 9:30-10:00 - Radislav Sedláček (Laboratory of Transgenic Models of Diseases):
*A Weighty Subject in the Immune Response: Are Metalloproteinases
Executors or Regulators?*
- 10:00-10:30 - Igor Shevelev (Laboratory of Chromosomal Stability):
RecQ DNA Helicases and Genome Stability

11:00-13:00 Chair: Jiří Hejnar

- 11:00-11:30 - Lenka Doubravská (Laboratory of Cell and Developmental Biology):
*Posttranslational Modifications and Signalling Properties of the Wnt
Proteins*
- 11:30-12:00 - Michal Dvořák (Laboratory of Molecular Virology):
Tumour Progression Studies in the Avian System
- 12:00-12:30 - Dominik Filipp (Laboratory of Immunobiology):
Early Events in T-Cell Activation: Putting Puzzles Together
- 12:30-13:00 - Vladimír Holáň (Laboratory of Transplantation Immunology):
Regulatory T Cells

10:30 – 11:00 Break

13:00-14:00 Lunch

AFTERNOON SESSION

14:00-16:00 Chair: Ladislav Anděra

- 14:00-14:30 - Petr Bartůněk (Laboratory of Cell Differentiation):
65 Myr After: What Really Killed the Dinosaurs?
- 14:30-15:00 - Pavel Dráber (Laboratory of Biology of Cytoskeleton):
Regulation Mechanisms of Microtubule Nucleation
- 15:00-15:30 - Gabriela Pavlínková (Laboratory of Diabetic Embryopathy, BTI):
Diabetic Embryopathy and Animal Models
- 15:30-16:00 - Jakub Rohlena (Laboratory of Molecular Therapy, BTI):
*Targeting of the Mitochondrial Respiratory Chain for Cancer
Treatment and the Induction of Apoptosis*

**16:15-17:00
General discussion**

**17:00-18:00
Final rout, informal discussion**

16:00-16:15 Break