

May 26th, 8h00-9h00

Laboratory assistant forum

May 26th, 9h00-10h00

Young scientist forum

May 26th, 10h00

Departure

Egerszalók, May 24-26, 2013

Signaling pathways in cancer biology

(a training course)

Signaling pathways in cancer
biology

Egerszalók

May 24-26, 2013

<http://vegktan.wix.com/signalingpathways>



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13:00-14:50 Registration and Coffee “break”

May 24th, 14h50-19h00

Chair: Pál Gergely

14:50-15:00 Welcome (László Virág)

15:00-15:30 Endre Kókai: Identification and characterization of A2A adenosine receptor C-terminal domain interacting proteins in macrophages

15:30-15:45 Éva Kerekes: Investigation of the human R5 homolog Drosophila CG9238

15:45-16:00 Judit Iván: Role of protein phosphatase 2A (PP2A) in the osteogenic differentiation through the Wnt-signaling pathway

16:00-16:15 Katalin Petrényi: The regulatory mechanisms controlling protein phosphatase Z1 in *Candida albicans*

16:15-16:30 Richárd Földi: Role of protein phosphatases in the DNA damage response

16:30-17:00 coffee break

17:00-17:15 Anita Boratkó: Key functions of TIMAP in endothelial cells

17:15-17:30 Gábor Törő: Regulation of ectonucleotidase expression in macrophages.

17:30-17:45 Tibor Docsa: Effect of a novel glycogen phosphorylase inhibitor, N-(3,5-dimethylbenzoyl)-N'-(β -Dglucopyranosyl)-urea, on the insulin secretion of various cell lines

May 25th, 9h00-11h45

Chair: Viktor Dombrádi

9:00-9:30 Beáta Lontay: Protein arginin methylation: who, what and why?

9:30-9:45 Adrienn Sipos: The localization and function of myosin phosphatase in the nucleus of HepG2 cells

9:45-10:00 Dóra Dedinszki: The role of protein phosphatase 1 in UV sensitivity

10:00-10:15 Andrea Kiss: Calyculin-A induced phosphorylation and translocation of myosin phosphatase targeting subunit in THP-1 cells

10:15-10:30 Róbert Bátori: The regulatory role of myosin phosphatase in the activation of eNOS.

10:30-11:00 Discussion and coffee break

11:00-11:15 Zoltán Kónya: The effect of polyphenols on protein phosphatases and cell survival: structure-activity-biological effect relationships.

11:15-11:30 Dániel Horváth: Regulation of SNAP25 by protein phosphorylation

11:30-11:45 Bálint Bécsi: "Fishing" of protein phosphatase interacting partners from cell lysate by Biacore technology

11:45 Coffee break

May 25th, 16h00-19h00

Chair: Ferenc Erdődi

16:00-16:30 Péter Bay: Hot topics in metabolic research.

16:30-16:45 Magdolna Szántó: PARPs and sirtuins in metabolism.

16:45-17:00 Lilla Nagy: Investigation of sugar and mitochondrial metabolism of the liver

17:00-17:15 Tamás Fodor: The role of AMPK activation in the changes of mitochondrial activity in various cell models

17:15-17:45 Edina Bakondi: Effect of PARP-1 enzyme inhibition on the metabolic processes of human uveal melanoma cells.

17:45-18:00 Coffee break

18:00-18:15 Katalin Kovács: Poly(ADP-ribosyl)ation is a survival mechanism in cigarette smoke-induced and hydrogen peroxide-mediated cell death.

18:15-18:30 Petra Lakatos: Role of poly(ADP-ribosyl)ation in the regulation of UVA-induced cell death

18:30-18:45 Zsuzsanna Valkó: Study of chondrogenic differentiation of mesenchymal stem cells

18:45-19:00 Csaba Hegedűs: High throughput screening of cytoprotective compounds

19:15 Buffet Dinner