

Thursday (June 5th, 2014)

9.00 – Beginning and greeting of guests

Department of Biotechnology

Rudnicka Alina - *Interleukin-28B* and *CYBRD1* gene polymorphisms and iron homeostasis disturbances in chronic hepatitis C.

Smolarski Michał - Biochemical characterisation and substrate specificity of DGAT enzymes in selected plants.

Wojcińska Aleksandra - Genome-Wide Association Studies of *Arabidopsis thaliana* responses to manganese deficiency.

Żołądowska Sabina - Identification, molecular characterisation and epidemiology of *Pectobacterium wasabiae* isolated in Poland.

Molska Ewa - Phenotypic and genotypic analysis of *Streptococcus suis* clinical isolates.

10.00–10.15 – coffee break

Department of Biotechnology

Dopierała Adam - Defining the role of the *aiiO* gene in *Ochrobactrum* sp.A44 in potato root colonization.

Fajerabend Monika - Antiproliferative activity of chloroplumbagin against breast cancer cells.

Marynowska Martyna - Metagenomic analysis of DNA and RNA viral communities in different anaerobic digesters in Luxembourg.

Polaczyk Agnieszka - Accumulation of proteins, lipids and oleosins in Polish cultivars of oat (*Avena sativa*).

Rodziewicz Aleksandra - Influence of *Staphylococcus aureus* RecA – LexA system on photoinactivation efficacy.

Department of Medical Biotechnology

Mieczkowski Kamil - RSK2 activities in mammary epithelial cells growth, adhesion and migration.

Cichosz Alina - Site – directed mutagenesis of CpgA - the substrate of protein kinase PrkC.

11.35 – 11.50 – coffee break

Department of Medical Biotechnology

Giwojna Alena - Long non-coding RNA regulates SPHK1 expression via triplex formation.

Jachimowicz Daniel - Analysis of long non-coding RNA HOTAIR in PNT2 cells and in prostate cancer samples.

Łuczak Agata - Hotair and epithelial-mesenchymal transition in the context of molecular subtypes of endometrial cancer.

Nagel Anna - Morphological and molecular changes during apoptosis of BITC treated U937 and U937v cells.

Strzelecka Paulina - Significance of ESR1 PvuII, CYP2C19*2 and UGT2B15*2 polymorphisms in the context of tamoxifen treatment in breast cancer.

Urban Aleksandra - Influence of CD73 interference/inhibition in B16F10 murine melanoma in vitro and in vivo.

Laboratory of Biopolymers Structure

Lewandowska Aleksandra - Local, sequential interactions – impact on the folding mechanism of the B domain of the protein A of *Staphylococcus aureus*.



Friday (June 6th, 2014)

10.00 – Beginning and greeting of guests

Department of Molecular and Cellular Biology

Borowik Agnieszka - Modulation of anticancer drug doxorubicin biological activity by pentoxifylline.

Gawron Grzegorz - Degradation studies of phenylephrine in pharmaceutical formulations, optimisation of a HPLC method.

Kaczyńska Dagmara - Lon ATPase domain amino acid residues responsible for nucleoprotein complex formation.

Krzywania Natalia - Analysis of mitochondrial protein machinery involved in Fe-S biosynthesis on molecular scaffold - Isu1.

Nowakowska Maria - Construction of substrates for examination of the pulling force of unfoldases from Hsp100 family.

Rembeza Elżbieta - Interactions of a plasmid replication protein TrfA with dsDNA and ssDNA.

11.15 – 11.30 – coffee break

Department of Forensic Medicine, Medical University of Gdańsk

Werner Paulina - Influence of the number of Y – chromosomal STR markers on differentiation of male individuals in forensic practice in chosen European populations.

Department of Hypertension, Medical University of Gdańsk

Kallalas Piotr - Biomarkers of early vascular aging in the group of patients with arterial hypertension.

Department of Medical Biotechnology

Lubojeńska Aleksandra - Role of IL-2 in modulation of the innate immune response to recombinant spores of *Bacillus subtilis* presenting *Clostridium difficile* antigen FliD.

Anchimiuk Anna - Expression analysis of gene coding PrpE phosphatase in *Bacillus subtilis*

Department of Plant Physiology and Biotechnology, Faculty of Biology, University of Gdańsk

Czarnecka Anita - Cucurbit plants as expression systems.

12.30 – 12.45 – coffee break

Laboratory of Recombinant Vaccines

Uranowska Karolina - Expression and characterisation of stalk domain of hemagglutinin protein from the avian influenza virus H5N1.

Ośrodek Marta - Antiviral activity of tunicamycin mimetics against hepatitis C virus

Cielemecka Katarzyna - The influence of protein disulfide isomerase (PDI) on Hepatitis C virus glycoprotein E2 produced in baculovirus expression system.

Laboratory of Virus Molecular Biology

Aletorowicz Mateusz - Biochemical and functional properties of HCV glycoproteins obtained in *Leishmania tarentolae* expression system.

Grabowska Anna - In a search of motifs involved in BHV - 1 - encoded UL49.5 protein.

Wąchalska Magda - Bovine herpesvirus 1-encoded glycoprotein B interaction with MHC class II molecules as an immune evasion strategy.

