

Wednesday, June 8th 2016

9⁰⁰- Opening of the 8th Biotechnology Students' Conference

Department of Biotechnology

Marta Matuszewska	<i>Culture conditions influence on antimicrobial metabolite production by Pseudomonas donghuensis P482, a potential biocontrol strain.</i>
Michał May	<i>Identification, characterization and determination of adaptative potential of pectinolytic bacteria isolated from water and plants.</i>
Angelika Michalak	<i>Plants of the genus Iris as a potential source of biologically active compounds.</i>
Justyna Rygelska	<i>Activity of DGAT and PDAT enzymes in developing seeds of Glycine max.</i>
Maciej Wróblewski	<i>The effect of overexpression of PDAT encoding gene on lipid content and composition of leaves and on activity of LPLAT type enzymes in roots and leaves of Arabidopsis thaliana.</i>

Coffee Break 10¹⁵-10³⁰

Katarzyna Serbakowska	<i>Survival of pectinolytic bacteria in surface waters and characterisation of environmental isolates from the genera Dickeya and Pectobacterium.</i>
Anna Smolarska	<i>Isolation and characterization of two novel lytic bacteriophages A38 and A41 infecting Pectobacterium wasabiae.</i>
Anna Jaworska	<i>Plumbagin sensitizes ER-positive breast cancer cells to tamoxifen.</i>
Kinga Wcisła	<i>In silico analysis and characterization of Arabidopsis thaliana genes potentially involved in coumarin biosynthesis and micronutrient homeostasis.</i>
Katarzyna Wolnikowska	<i>Photodynamic inactivation combined with antimicrobial peptides against multidrug resistant strain of Pseudomonas aeruginosa.</i>

Coffee Break 11⁴⁵-12⁰⁰

Department of Molecular and Cellular Biology

Marcin Jeleń	<i>Structural and functional analysis of protein complexes involved in the biogenesis of iron-sulfur clusters within mitochondria.</i>
Jakub Kontrym	<i>The role of α-crystallin domain in the mechanism of action of E.coli small heat shock proteins – IbpA and IbpB.</i>
Ziemowit Kornas	<i>Effects of caffeine on ciprofloxacin activity.</i>
Igor Obuchowski	<i>Functions of E.coli IbpA and IbpB small heat shock proteins in control of protein aggregation.</i>
Justyna Pipka	<i>Identification of specific amino acids residues responsible for the interaction of RepE, plasmid mini-F replication initiator, with ssDNA.</i>
Wojciech Retkiewicz	<i>Possible interactions between pentoxifylline and biologically active anticancer anthracycline drug – daunorubicin.</i>
Mikołaj Sałek	<i>Analysis of P116 protein, SSB homologue, from plasmid RK2.</i>

Coffee Break 13³⁰-13⁴⁵

Laboratory of Biomolecular Systems Simulations

Paweł Przygocki	<i>Investigating spontaneous self-assembly of dimers of 1ZA7 protein in silico.</i>
------------------------	---

Polpharma

Dominika Czorniej	<i>Development of an analytical method for the determination of the identity of an active substance in a drug product utilising amino acid analysis.</i>
--------------------------	--

Chair and Department of Forensic Medicine

Agnieszka Suchocka	<i>Validation procedure for determination of selected psychoactive substances in hair using chromatographic techniques.</i>
---------------------------	---

Thursday, June 9th 2016



9⁰⁰ – Opening of the second day of the 8th Biotechnology Students' Conference

Laboratory of Virus Molecular Biology

Magdalena Czarnecka *Effect of BST-2/tetherin expression on BHV-1 infection in mammalian cell cultures.*

Hanna Dobaczewska *Recombinant glycoproteins of Hepatitis C virus (HCV) as potential diagnostic and vaccine antigens.*

Joanna Belkiewicz *Effect of mutations in BHV-1 gE/gI and Us3 genes on the efficiency of virus cell-to-cell spread.*

Laboratory of Recombinant Vaccines

Gabriela Brzuska *Production of monospecific, polyclonal sera against prM and M proteins of tick-borne encephalitis virus.*

Bartosz Gdaniec *Presentation of Influenza A H5 fragment 116-256 (aa) on recombinant spores of Bacillus subtilis.*

Coffee Break 10¹⁵-10³⁰

Paula Kadyszewska *Expression of Long Alpha Helix (LAH) of hemagglutinin in Bacillus subtilis spores – protective antigen against Influenza.*

Jan Węstawski *Production of potentially universal anti-influenza antigen in the form of chimeric virus-like particles.*

Department of Immunology

Laura Buksa *In vitro effect of IL-33 on Treg activity in patients with type 1 diabetes.*

Department of Molecular Bacteriology

Aleksandra Malcer *Analysis of NadE protein activity in Bacillus subtilis.*

Paulina Pełka *Immunogenicity of recombinant Bacillus subtilis spores presenting fragment of FliD protein of Clostridium difficile in intranasal immunization.*

Daria Pośpiech *Optimization Real-time PCR test for Acinetobacter baumannii detection.*

Coffee Break 12⁰⁰-12¹⁵

Department of Cell Biology

Magdalena Parys *Analysis of selected polymorphisms in the context of response to tamoxifen in breast cancer patients.*

Daria Potakowska *Analysis of in vitro phenotypes of H520 and H1703 cancer cell lines.*

Department of Molecular Enzymology

Agnieszka Kowalska *Involvement of progesterone (Pg) in development of herceptin resistance.*