

SCIENTIFIC PROGRAM

THURSDAY, 13.09.2018

15.00 – 17.00 Registration Hotel Victoria

17.00 – 17.10 Opening Ceremony

17.10 – 18.10 Inaugural Lecture (IL) Hotel Victoria

Arie Gruzman, Bar-Ilan University, Ramat-Gan, Israel

„Development of novel barbituric acid-based total inhibitors of leukocyte transmigration”

18.10 Concert

19.00 Welcome reception

FRIDAY, 14.09.2018 Hotel Victoria

9.00 – 10.30 Lectures L1 & L2 (45’)

10.30 – 11.30 Communications C1 – C3 (20’)

Session moderators: Jadwiga Turło & Dariusz Matosiuk

L1

Roman Lesyk, Danylo Halytsky Lviv National Medical University, Ukraine

„In the search for new drug-like molecules: focus on thiazolidinone core”

L2

Adam Huczyński, Adam Mickiewicz University, Poznan, Poland

„Anticancer activity of novel tubulin polymerization inhibitors obtained by the chemical modification of colchicine“

C1

Anna Bielenica, Medical University of Warsaw, Poland

„1,3-Disubstituted thiourea derivatives – structural modifications versus bioactivity”

C2

Agnieszka B. Olejniczak, Polish Academy of Sciences, Lodz, Poland

„Synthesis of biologically active compounds modified with carborane pharmacophore”

C3

Katarzyna Szczepańska, Jagiellonian University Medical College, Cracow, Poland

„Step forward in search for novel histamine H₃ receptor ligands: 4-pyridyl-piperazine derivatives with promising multidirectional pharmacological activity”

11.40 – 12.15 Coffee break

12.15 – 13.35 Communications C4 – C7 (20')

Session moderators: Katarzyna Kieć-Kononowicz & Stanisław Ryng

C4

Marek Stankievič, Marie Curie-Skłodowska University in Lublin, Poland

„Organophosphorus compounds – chirality and reactivity”

C5

Agnieszka Brzyska, Polish Academy of Sciences, Cracow, Poland

„The EGO simulation of the AFM experiments for the selected (bio)oligosaccharides”

C6

Maciej Kubicki, Adam Mickiewicz University, Poznan, Poland

„Experimental charge density determination as a tool for studying intermolecular interactions”

C7

Tomasz Wróbel, ⁽¹⁾University of Copenhagen, Denmark, ⁽²⁾Medical University of Lublin, Poland

„Metastable binding site – opportunity for GPCR medicinal chemistry”

13.40 – 15.00 Lunch

15.00 – 15.45 Lecture L3 (45')

15.45 – 16.05 Communication C8 (20')

16.05 – 16.55 Poster oral presentations PP1 – PP5 (10')

Session moderators: Barbara Malawska & Krzysztof Józwiak

L3

Manuela Bartolini, Alma Mater Studiorum University of Bologna, Italy

„Fifty shades of tacrine derivatives to hit alzheimer's disease”

C8

Daniele Tedesco, Alma Mater Studiorum University of Bologna, Italy

„Insights into the batch-dependent variability of drug binding to human serum albumin: an induced circular dichroism study”

PP1

Przemysław W Szafranski, Jagiellonian University Medical College, Cracow, Poland

„Fluorescent triazolyl spirooxazolidines: synthesis and NMR stereochemical studies”

PP2

Patryk Kasza, Jagiellonian University Medical College, Cracow, Poland

„Fluorescent labelling of azidothymidine: introduction to personalised antiviral therapy”

PP3

Jakub Grynda, Gdańsk University of Technology, Poland

„Unusual interactions of triazoloacridinone C-1305 with dsDNA”

PP4

Julia Borzyszkowska-Bukowska, Gdańsk University of Technology, Poland

„Candididin D & Iso-Candididin D in sterol-containing lipid bilayer environment – a molecular modelling study”

PP5

Greta Klejborowska, Adam Mickiewicz University, Poznan, Poland

„Synthesis and biological evaluation of new colchicine derivatives acting as antimetabolic agents”

16.05 – 19.00 Poster session

SATURDAY, 15.09.2018 Hotel Victoria

9.00 – 9.45 Lecture L4 (45')

9.45 – 11.05 Communications C9 – C12 (20')

Session moderators: Dorota Piotrowska & Marek Cegła

L4

Jadwiga Handzlik, Jagiellonian University Medical College, Cracow, Poland

„Aryl-containing compounds with 1,3,5-triazine core as a new grateful family of serotonin 5-HT₆ receptor agents”

C9

Przemysław Kołodziej, Medical University of Lublin, Poland

„Synthesis and antihelmintic activity of new 1,2,4 triazole derivatives”

C10

Beata Morak-Młodawska, Medical University of Silesia in Katowice, Sosnowiec, Poland

„Synthesis and anticancer activities of novel dipyrithiazines with 1,2,3-triazole substituents”

C11

Dawid Panek, Jagiellonian University Medical College, Cracow, Poland

„Synthesis and properties of novel multifunctional ligands, inhibiting cholinesterases and β -secretase as potential treatment of Alzheimer's disease”

C12

Joanna Śniecikowska, Jagiellonian University Medical College, Cracow, Poland

„Novel functionally selective agonists of the serotonin 5-HT_{1A} receptor”

11.10 – 11.45 Coffee break

11.45 – 13.05 Communications C13 – C16 (20')

Session moderators: Anna Bielawska & Krzysztof Bielawski

C13

Marta Ziegler-Borowska, Nicolaus Copernicus University in Torun, Poland

„Magnetic nanomaterials – synthesis and applications”

C14

Małgorzata Łupina, Medical University of Lublin, Poland

„Dipeptidyl peptidase 4 (DPP-4) inhibitor effects on depressive behavior in mice observed in forced swimming test (FST) after morphine discontinuation”

C15

Joanna Warguła, Poznan University of Medical Sciences, Poland

„Selected aspects of the synthesis of new indazole derivatives with anticancer and antibacterial activity”

C16

Beata Żołnowska, Medical University of Gdańsk, Poland

„New 2-alkylthio-4-chlorobenzenesulfonamide derivatives bearing heterocyclic moieties – synthesis, structure and anticancer activity studies”

13.10 – 14.30 Lunch

14.30 – 16.10 Communications C17 – C21 (20’)

Session moderators: Agata Paneth & Jarosław Sławiński

C17

Anna Bogucka-Kocka, Medical University of Lublin, Poland

„The effect of diosmin treatment on the level of oxidative stress biomarkers (isoprostanes) in patients suffering from CVI”

C18

Katarzyna Sowa-Kasprzak, Poznan University of Medical Sciences, Poland

„Synthesis of selected hybrid analogues of curcumin with NSAIDs”

C19

Anna Pawełczyk, Poznan University of Medical Sciences, Poland

„MW-US synergy tool for the rational synthesis of hybrid derivatives”

C20

Małgorzata E. Walczak, Lodz University of Technology, Poland

„Molecular receptors arrays in studies of the binding profile of drugs acting on histamine H1-H4 receptors”

C21

Justyna Frączyk, Lodz University of Technology, Poland

„Functionalization of nanomaterials useful in medicine by simultaneously attachment of targeting molecules and pharmaceutically active compounds”

16.15 – 16.45 Coffee break

16.45 – 18.35 Poster oral presentations PP6 – PP16 (10’)

Session moderators: Monika Wujec & Paweł Zajdel

PP6

Kinga Paruch, Medical University of Lublin, Poland

„Chemical modification of pipemidic acid and its impact on antibacterial activity of synthesized derivatives”

PP7

Damian Kułaga, Cracow University of Technology, Poland

„Synthesis and biological activity of a new 5-cyanoindole derivatives as a dual D₂/5-HT_{1A} receptor ligands”

PP8

Alicja Chrzanowska, Medical University of Warsaw, Poland

„Evaluation of the cytotoxic effect of ciprofloxacin conjugates with fatty acids on cancer cells”

PP9

Jacek Olczak, OncoArendi Therapeutics S.A., Warsaw, Poland

„Optimization of molecular properties of imidazothiazole derivatives as indoleamine 2,3-dioxygenase 1 (IDO1) inhibitors”

PP10

Michał Kryjewski, Poznan University of Medical Sciences, Poland

„Aza-BODIPY bearing amine moieties – synthesis, fluorescence properties and singlet oxygen generation”

PP11

Michał Józwiak, Medical University of Warsaw, Poland

„Anticancer effects of alloxanthoxyletin and fatty acids esters”

PP12

Aleksandra Sochacka-Ćwikła, Wrocław Medical University, Poland

„Synthesis of new 1,3-oxazole derivatives with potential immunomodulatory activity”

PP13

Anna K. Drabczyk, Cracow University of Technology, Poland

„New hexyl o-fluoroarylpiperazines derivatives as 5-HT_{1A} receptor ligands – synthesis and structure-activity relationship”

PP14

Patryk Rybczyński, Nicolaus Copernicus University in Torun, Poland

„Chitosan and phthalocyanine composites as potential PDT materials”

PP15

Damian Bartuzi, Medical University of Lublin, Poland

„In silico investigation of full agonist and partial agonist-induced signal transmission in mu opioid receptor”

PP16

Sylvia Kałużyńska, Lodz University of Technology, Poland

„Benzimidazole derivatives – structure and activity”

16.30 – 19.00 Poster session

20.00 – 24.00 Get-together Party (Hotel Victoria)