



2ND WROCLAW SCIENTIFIC MEETINGS 2ND MARCH 2018

POSTER SESSION

No.:	Authors	Title of presentation
P1	Weronika Bartosik and Julita Kulbacka	<i>The role of cell-cell communication in physiology and pathology</i>
P2	Agata Błaszczyńska and Julita Kulbacka	<i>Anticancer activity of biochanin A combined with electroporation in human colorectal</i>
P3	Dominika Bocheńska and Julita Kulbacka	<i>The influence of Ca²⁺ in combination with electroporation on drug resistant human colon adenocarcinoma cells (LoVo/DX)</i>
P4	Aleksandra Brzezińska, Anna Rorbach-Dolata and Agnieszka Piwowar	<i>Cell culture and animal models as useful methods for excitotoxicity estimation</i>
P5	Anna Czaplą and Katarzyna Tarasek	<i>The viability of cancer cells treated with DCA</i>
P6	Marta Czarnecka, Magdalena Rychlicka and Anna Gliszczyńska	<i>Enzymatic synthesis of phospholipid biopreparations containing anisic acid</i>
P7	Marta Czwojdzńska and Katarzyna Bednarska	<i>Short- and long-term adverse effects of testosterone cross-sex hormone therapy in transgender patients assigned female at birth</i>
P8	Justyna Domagała, Zofia Marchewka, Beata Szymańska, Brygida Knysz and Agnieszka Piwowar	<i>Risk factors for chronic kidney disease (CKD) in HIV-infected patients</i>
P9	Kamila Drzozga and Joanna Cabaj	<i>Dopamine detection using fluorescence-based sensor with graphene quantum dots</i>
P10	Ruth, Dudek-Wicher Adam Junka and Marzenna Bartosiewicz	<i>Comparative assessment of the antibacterial effect of selected essential oils</i>
P11	Karolina Dydak, Adam Junka, Patrycja Szymczyk and Marzenna Bartoszewicz	<i>The impact of bionanocellulose on osteoblasts and fibroblasts cell lines.</i>
P12	Anna Gliszczyńska, Magdalena Rychlicka, Natalia Niezgoda, Marta Czarnecka, Marta Świtalska and Joanna Wietrzyk	<i>Conjugates of phospholipids with isoprenoids and CLA as innovative anticancer agents</i>
P13	Natalia Głogowska, Anna Rorbach-Dolata and Agnieszka Piwowar	<i>New view on investigations of exposure of cell lines to human biological samples.</i>
P14	Justyna Goluchowska, Helena Moreira, Anna Szyjka and Kazimierz Gąsiorowski	<i>Anticancer effects of celastrol and resveratrol on sensitive and drug-resistant colon cancer cells</i>
P15	Marta Gołba and Anna Sokół-Łętowska	<i>Edible Honeysuckle Berries (<i>Lonicera caerulea</i> var. <i>kamtschatica</i> Sevast.) – a Promising Source of Antioxidants</i>
P16	Katarzyna Hyjek, Żaneta Czyżnikowska and Tomasz Janek	<i>The biomolecular interactions of lysosomotropic surfactants with lysozyme and its effect on the conformation of protein: a biophysical approach</i>
P17	Tomasz Janek, Lígia R. Rodrigues and Żaneta Czyżnikowska	<i>Influence of divalent counterions on conformational changes and self-assembly of lipopeptide amphiphile</i>
P18	Karolina Jurkowska, Ewa Maria Kratz, Ewa Sawicka and Agnieszka Piwowar	<i>New view on association of xenoestrogens with male reproductive potential</i>
P19	Iwona Kamińska, Anna Lis-Nawara and Julia Bar	<i>Evaluation of biological features of Mesenchymal Stem Cells growing on biomaterial in 3D configuration</i>
P20	Aleksander Kiełbik, Piotr Wawryka and Dawid Przystupski	<i>The influence of curcumin on human Glioblastoma multiforme cells</i>

P21	Marta Kolonko	<i>MetC and GceC - two different strategies of purification</i>
P22	Krzysztof Kotowski	<i>Substances isolated from snake venoms as a new perspective in melanoma treatment.</i>
P23	Paulina Kozioł, Justyna Skibińska, Magda Juszczak, Sławka Urbaniak-Wasik, Czesława Paluszkiewicz, Wojciech Kwiatek and Tomasz Wrobel	<i>Optimizing spectral and spatial denoising techniques for IR Imaging</i>
P24	Agata Krzak, Olga Święch, Maciej Majdecki and Renata Bilewicz	<i>The influence of modified cyclodextrin on the anthracycline interaction with DNA</i>
P25	Aleksandra Kuzan, Emilia Królewicz and Karolina Nowakowska	<i>Scavenger receptors as lipoprotein and advanced glycation end products binding proteins in the arterial wall</i>
P26	Łukasz Lewandowski, Marta Kepinska and Halina Milnerowicz	<i>The association of copper-zinc superoxide dismutase activity with major implications of diabetes mellitus</i>
P27	Jolanta Lis-Kuberka, Zuzanna Sycz, Marta Berghausen-Mazur and Magdalena Orczyk-Pawiłowicz	<i>Fucosylation and sialylation pattern of human milk immune glycoproteins over milk maturation stages</i>
P28	Jadwiga Maniewska, Justyna Gąsiorowska, Berenika Szczeńiak-Sięga and Krystyna Michalak	<i>The role of oxacam derivatives structure in their interaction with model membranes</i>
P29	Liliana Michalewska, Natalia Głogowska, Ewa Sawicka and Agnieszka Piwowar	<i>The role of 2-methoxyestradiol in oxidative stress induced by chromium compounds</i>
P30	Olga Michel, Dawid Przystupski, Natalia Niedzielska, Katarzyna Biezuńska-Kusiak, Jolanta Saczko and Julita Kulbacka	<i>Primary cell cultures – a useful tool or a dangerous trap?</i>
P31	Karolina Anna Mielko, Justyna Trynda, Andrzej Kutner and Joanna Wietrzyk	<i>Influence of neomycin on 1,25D3-MARRS in human colorectal carcinoma LoVo and HT-29 cells.</i>
P32	Murtala Yau Dahiru	<i>Synergistic effects of chamomile and lavender essential oils for antibacterial activity</i>
P33	Agnieszka Nowak, Brygida Przywara-Chowaniec, Aleksandra Damasiewicz-Bodzek, Bartłomiej Kumaszka and Krystyna Tyrpień-Golder	<i>Determination of chosen advanced glycation end products in systemic lupus erythematosus patients</i>
P34	Andrzej Nowok and Piotr Kuś	<i>N-alkoxyphenyl-hydroxynaphthalenecarboxamides as new photosystem II inhibitors</i>
P35	Monika Oleksy, Adam Junka and Marzenna Bartoszewicz	<i>Ability of selected bacterial species to form biofilm structure on polyvinyl chloride catheters</i>
P36	Remigiusz Olędzki and Krzysztof Lutosławski	<i>Flavonoids - health benefits and application in human nutrition</i>
P37	Kamila Paliszkiwicz, Helena Moreira and Kazimierz Gąsiorowski	<i>Celastrol induce reactive oxygen species and apoptosis in drug resistant colon cancer cells</i>
P38	Karolina Pałka and Paweł Weroński	<i>Structure of bimodal particle multilayers</i>
P39	Jan Pawlonka, Beata Rak and Paweł Włodarski	<i>Comparative functional analysis of D-type cyclin promoters</i>
P40	Małgorzata Prokopowicz and Wojciech Rode	<i>Optical and time-resolved spectroscopy for thymidylate synthase complexes characterization</i>
P41	Zbigniew Raszewski, Agnieszka Nowakowska-Toporowska, Joanna Weźgowiec and Danuta Nowakowska	<i>The influence of water/powder proportion and water quality on the mechanical properties of alginate impression materials</i>
P42	Nina Rembiałkowska, Julita Kulbacka, Anna Choromańska, Katarzyna Biezuńska-Kusiak, Jolanta Saczko	<i>The mitochondrial response of cells after electroporation in medium of high- and low- conductivity</i>

P43	Andrzej Sikora	<i>Submicron study of the collagen fiber structure in dura mater tissue</i>
P44	Anna Skorupska, Aleksander Nowak, Andrzej Ożyhar and Dominika Bystranowska	<i>Preparation of recombinant vectors used for expression and purification of Gallus gallus Nucleobindin-2 protein and products of its proteolytic cleavage.</i>
P45	Karolina Stachurska	<i>Diffusional encounter rate constants for xanthone and 2-naphthoic acid. Triplet – triplet energy transfer.</i>
P46	Igor Staszewski and Gracjan Róžański	<i>Assessment of quality of various diet patterns in European countries</i>
P47	Igor Staszewski and Gracjan Róžański	<i>Low-Carbohydrate diet as a treatment of type 2 diabetes</i>
P48	Zuzanna Sycz, Jolanta Lis-Kuberka and Magdalena Orczyk-Pawiłowicz	<i>The impact of plant origin substances on the course of lactation</i>
P49	Anna Szewczyk, Stine Krog Frandsen, Julie Gehl, Małgorzata Daczewska, Jolanta Saczko, Julita Kulbacka	<i>Calcium electroporation impact on mechanisms maintaining calcium homeostasis and cell structure in normal and malignant muscle cells</i>
P50	Berenika Szcześniak-Sięga, Szczepan Mogilski, Jadwiga Maniewska and Barbara Filipek	<i>Synthesis and ulcerogenicity study of new piroxicam derivatives</i>
P51	Karolina Szwed, Katarzyna Synowiec and Aleksandra Tomczak	<i>First digital pill in the world. The innovative way to control the pharmacotherapy of Aripiprazole in mental disorder treatment.</i>
P52	Beata Szymańska, Ewa Sawicka, Anna Długosz, Janusz Dembowski, Michał Matuszewski and Agnieszka Piwowar	<i>Assessment of the usefulness of Nuclear Matrix Protein 22 and Bladder Cancer 4 in the diagnosis of bladder cancer.</i>
P53	Aleksandra Ślęzak, Helena Moreira, Benita Wiatrak, Jan Oszmiański and Kazimierz Gąsiorowski	<i>Influence of cistus and pomegranate extracts on ROS generation in V79 cells</i>
P54	Gregor Turner, Sylwia Świątek, Paulina Komorek and Barbara Jachimska	<i>β-Lactoglobulin as a platform for designing biologically active carriers: simulation and experiment</i>
P55	Katarzyna Wasilewska	<i>Photodynamic therapy – effects on VEGF, MIF and IL-10 secretion by colon cancer cells in vitro under aerobic and anaerobic conditions.</i>
P56	Joanna Weźgowiec, Anna Wieczyńska, Julita Kulbacka, Danuta Nowakowska and Włodzimierz Więckiewicz	<i>The influence of extraction methodology on the chemical composition and properties of propolis from different regions of Poland</i>
P57	Adrian Więcek, Magdalena Waszkielewicz, Joanna Olesiak-Bańska and Marek Samoć	<i>Influence of ligands on gold nanoclusters' photoluminescence</i>
P58	Anna Więch	<i>The importance of F domains in nuclear receptors proper functioning</i>
P59	Piotr Wójcik, Tomasz Janek and Żaneta Czyżnikowska	<i>Interactions of human serum albumin with cationic surfactants: a spectroscopy and molecular modelling</i>
P60	Wiktoria Wójcik, Martyna Wolniak, Katarzyna Zdybel, Ewa Sawicka and Agnieszka Piwowar	<i>The role of interaction of estrogens with xenoestrogens in hormone-dependent cancers in women</i>
P61	Krzysztof Wycisk	<i>Intrinsically disordered proteins and their short linear motifs</i>
P62	Zuziak Patrycja, Marek Kotas and Michał Tyliśszczak	<i>Ferroptosis – a new, iron-independent form of cell death by lipid peroxidation</i>
P63	Anton Lemesh, Dzmitry Valchkevich, Aksana Valchkevich	<i>Features of the biochemical status of blood in women with the threat of miscarriage</i>
P64	Aleksandra Grzesik, Katarzyna Brach, Joanna Olesiak-Bańska, Marek Samoć	<i>Insulin amyloid spherulites and factors influencing their formation – spectroscopic and microscopic study</i>