

Poster Spotlight Presentations Friday, May 29th, 2026

No	Title	Authors
PSP <sub>28</sub>	From Monolayers to Bilayers: Multitechnique Characterization of Anti-Inflammatory Drug Interactions with Model Intestinal Membranes	Michalina Zaborowska-Mazurkiewicz
PSP <sub>29</sub>	Enhancing Antimicrobial Efficacy Against Methicilin Resistant Staphylococcus Aureus: Synergistic Combinations of a Novel Lipooligourea with Approved Antibiotics	Mateusz Nowak, Joanna Juhaniewicz-Dębińska, Anna Grudniak
PSP <sub>30</sub>	Macroalgal Bioactives Extracted via Supercritical CO <sub>2</sub> for Green Synthesis of ZnO Nanoparticles for Biomedical Applications	Katarzyna Łukowiak, Anna Witkowska, Elżbieta U. Stolarczyk
PSP <sub>31</sub>	Novel dimethylamino-substituted pyrrolidine-2,5-diones with antiseizure and antinociceptive activity	Jakub Słota, Marcin Jakubiec, Michał Abram, Anna Rapacz, Szczepan Mogilski, Magdalena Kolasa, Nikola Gapińska, Gniewomir Latacz, Piotr Właź, Katarzyna Socafa, Agata Faron-Górecka, Krzysztof Kamiński
PSP <sub>32</sub>	Design, Synthesis, and In Silico Evaluation of Quinoline Derivatives as Potential Topoisomerase I and Cyclooxygenase 2 Inhibitors	Martyna Mysiek, Anna Wójcicka, Remigiusz Płaczek, Marcin Mącyński, Żaneta Czyżnikowska
PSP <sub>33</sub>	Determination of Glycidol in Non-Opioid Medicinal Products by Gas Chromatography Coupled with Mass Spectrometry	Anna Konefał, Maria Jedynak, Marta Zezula
PSP <sub>34</sub>	Dose-controlled delivery of an anti-inflammatory agent via multiple emulsions for radiotherapy-induced skin damage	Anna Wójtowicz, Patryk Skowroński, Ewa Dłuska, Agnieszka Markowska-Radomska
PSP <sub>35</sub>	Impact of Selective Serotonin Reuptake Inhibitors on Doxorubicin-Induced Senescence	Krystian Małek, Anna Pogorzelska, Małgorzata Milczarek
PSP <sub>36</sub>	SELECTIVE LASER SINTERING IN PHARMACEUTICS: A PATH TOWARD PERSONALIZED MEDICINE	Magdalena Urbanowicz, Patrycja Chmielewska, Anna Mocarska, Karolina Pioruńska, Marta Łaszcz, Ewelina Baran, Piotr Kulinowski

PSP37	Immunostimulatory properties of selected compounds from <i>Chelidonium majus</i> latex	Igor Konieczny, Oskar Musidlak, Oliwia Mazur, Julia Sobkowiak, Alicja Warowicka, Robert Nawrot
PSP38	Search for GPR18 agonists among alkyl and cycloalkyl derivatives of theophylline	Dorota Łażewska, Andhika B Mahardhika, Ewelina Honkisz-Orzechowska, Michał Załuski, Maria Kaleta Filomena Perri, Grzegorz Baran, Christa E. Müller, Katarzyna Kieć-Kononowicz
PSP39	Physicochemical and Computational Analysis of Potential Interactions Between Cisplatin and Proton Pump Inhibitors	Kamil Szupryczyński, Alicja Ulatowska, Beata Szeffler
PSP40	Preparation and structural analysis of salts and cocrystals of Pyrimethamine with Vanillic Acid and analogues	Karolina Cichocka, Magdalena Ceborska, Anna Bajdas
PSP41	Investigating the Complex Immunomodulatory Profile of $\Delta^9$ -Tetrahydrocannabinol in a BV-2 Microglia Model of LPS-Induced Neuroinflammation	Ewelina Honkisz-Orzechowska, Beril Anita Yiğit, Katarzyna Kieć-Kononowicz
PSP42	Proteomics at the core of multi-omics: Applications in drug safety and disease mechanisms	Andrzej Gawor, Ewa Bulska
PSP43	Advancing drug safety assessment through integrated electrochemical and multi-omics technologies	Ewa Bulska, Olha Dushna, Andrzej Gawor, Leszek Pączek, Renata Bilewicz
PSP44	Comparative Structural Analysis of DYRK1A Inhibitors Reveals Diverse Modes of ATP-Pocket Recognition	Alicja Bis, Przemysław Grygier, Katarzyna Pustelny, Anna Czarna
PSP45	Evaluation of $\alpha$ -Lipoic Acid for Skin Applications: Permeation, Biological Activity and Safety Assessment	Małgorzata Wrzosek, Małgorzata Kołtun-Jasion, Ewelina Błońska-Sikora, Jakub Wawrzycki, Marta Klimek-Szczykutowicz, Katarzyna Kulik-Siarek, Sylwia Jarząbek-Perz

PSP <sub>46</sub>	Synergistic Application of In Situ Fourier Transform Infrared Spectroscopy, Microwave, and Ultraviolet Irradiation in the Optimized Synthesis of 1,5-Benzodiazepines	Alina Cherniienko, Kacper Kossakowski, Lucjusz Zaprutko, Roman Lesyk, Anna Pawełczyk
PSP <sub>47</sub>	Blocking is the Past, Degradation is the Future: A New Direction for the (R)evolution of Cyclooxygenase-2 Targeted Drug Design	Kacper Kossakowski, Alina Cherniienko, Lucjusz Zaprutko, Anna Pawełczyk
PSP <sub>48</sub>	Synthesis and Evaluation of Bioactive Zn-Fluorapatite Nanocrystals	Nikita Nechyporuk, Łukasz Pajchel, Joanna Kolmas