

tPoster Spotlight Presentations Wednesday, May 27th, 2026

No	Title	Authors
PSP ₁	WPD ₄₀₁ : A Next-Generation Multireceptor-Targeted Cytotoxic Conjugate with Broad Antitumor Activity	Radosław Borowski, Marcin Mielecki, Katarzyna Donskova-Lysoniewska, Marta Maruszewska-Cheruiyot, Magdalena Głaczyńska, Kaja Urbańska, Małgorzata Krupska, Abhipsita De, Mariusz Olejniczak, Angelika Kaczyńska, Beata Pajak-Tarnacka
PSP ₂	Haemoglobin as a Functional Modulator of Chlorin e6 Binding, Release, and Photodynamic Properties in Magnetic Chitosan Nanocarriers	Aleksander Smolarkiewicz-Wyczachowski, Dorota Chełminiak-Dudkiewicz, Kinga Myłkie, Anna Kaczmarek-Kędziera, Anna Ilnicka, Miloslav Machacek, Petr Zimcik, Marta Ziegler-Borowska
PSP ₃	Phase Behavior and Kinetic Stability of Amorphous mixture of two Antifungal APIs	WAHI NOOR
PSP ₄	Novel Synthetic Retinoids Inhibit Proliferation and Interfere with the Migration of Patient-Derived High-Grade Serous Ovarian Cancer Cells	Alice Keirle, Teresa Manhardt, Dan Cacsire Castillo-Tong, Geoffrey Brown, Andrzej Kutner, Giorgia Risso, Lukas Kenner, Enikoe Kallay, Martin Schepelmann
PSP ₅	Assessment of Membrane Integrity and Membrane-Acceptor Compatibility in PAMPA Systems	Bárdos Vivien, Angi Réka, Balázs Panna
PSP ₆	Influence of Pharmaceutical Polymers on the Solubility-Permeability Interplay of Curcumin	Rita Szolláth, Vivien Bárdos, Lili Weimann
PSP ₇	Targeting Retinoic Acid Receptor Gamma in Prostate Cancer	Giorgia Risso, Katarina Mišura, Kristina Draganić, Andrzej Kutner, Geoffrey Brown, Gerda Egger, Enikö Kallay, Martin Schepelmann, Brigitte Hantusch, Lukas Kenner
PSP ₈	Retinoic acid receptor gamma antagonism impairs stemness and promotes differentiation in Acute myeloid leukemia	Mathilde Rey, Dominika Mangabat, Aleksandra Marchwicka, Michał Majkowski, Monika Biernat, Dariusz Wołowiec, Geoffrey Brown, Ewa Marcinkowska
PSP ₉	From Friedreich Ataxia to Leukaemia: Omaveloxolone Cooperates with Vitamin D Derivatives to Enhance Differentiation and Growth Arrest of Acute Myeloid Leukaemia Cells	Tanya Rudola, Andrzej Kutner, Michael Danilenko
PSP ₁₀	Novel thienopyrimidine-based dually acting 5-HT ₃ /5-HT ₆ receptor antagonists with cytoprotective effect in human astrocytes	Michał Kamiński, Vittorio Canale, Grzegorz Satała, Paulina Koczurkiewicz-Adamczyk, Ophélie Bento, Severine Chaumont-Dubel, Dorota Żelaszczyk, Katarzyna Grychowska, Wojciech Trybała, Andrzej J. Bojarski, Philippe Marin, Paweł Zajdel

PSP11	Novel Tiagabine-Based Modulators of the Cholinergic–GABAergic Axis: Design, Synthesis, and Biological Evaluation	Milena Gawlińska, Aleksandra Jopek, Olga Burzyńska, Anna Wróbel, Natalia Gucwa, Gniewomir Latacz, Barbara Mordyl, Monika Głuch-Lutwin, Paula Zaręba, Anna Więckowska, Dawid Panek, Beata Gryzło
PSP12	Integrated computational and experimental study of novel selective MMP-13 inhibitors	Remigiusz Płaczek, Tomasz Janek, Małgorzata Strzelecka, Piotr Świątek, Żaneta Czyżnikowska
PSP13	Development and Bioequivalence of a Novel, Titanium Dioxide- and Lactose-Free Dapagliflozin TZF film-coated tablets Formulation: A "Generic+" Approach	Paweł Żero Karol Pniak
PSP14	A Small Structural Change with a Big Impact: Hydrogen Bond Donor Reduction in the Optimization of DAW-AP-218	Aleksandra Jopek, Anna Pasieka, Jakub Jończyk, Milena Gawlińska, Olga Burzyńska, Anna Wróbel, Natalia Gucwa, Gniewomir Latacz, Barbara Mordyl, Monika Głuch-Lutwin, Paula Zaręba, Magdalena Smolik, Maria Walczak, Kinga Sałat, Anna Więckowska, Beata Gryzło, Dawid Panek
PSP15	Targeting Retinoic Acid and Vitamin D Receptors to Enhance Chemotherapy Outcomes in Triple-Negative Breast Cancer	Magda MT. Góis, S. Seoane, E. Arias, B. Fernandez, M. Ares, A. Rapalo, N. Conde, E. Herrera, R. Perez-Fernandez
PSP16	Decoupled Physical and Chemical Stability in Vitamin D ₂ and D ₃ Amorphous Solid Dispersions Prepared by Spray Drying and Ball Milling	Agnes Graf, Niamh O'Boyle, Lidia Tajber
PSP17	Rational design of molecularly imprinted polymer for sensitive and selective electrochemical detection of imatinib: synergy between computational modeling and electrochemistry	Agnieszka Powała, Paulina Materska-Wilczyńska, Edyta Gilant, Renata Rybakiewicz Sekita, Krzysztof Noworyta, Teresa Żołek
PSP18	In silico analysis of vitamin D ₃ analogues within the heterodimer VDR-RXR α complex using AlphaFold3 and multi-algorithm docking	Aleksandra Tuzikiewicz, Andrzej Kutner, Teresa Żołek
PSP19	AlphaFold-guided multi-algorithm docking of side-chain modified vitamin D ₂ analogues into the VDR-RXR α heterodimer	Wiktoria Wawrzyniak, Andrzej Kutner, Teresa Żołek

PSP20	Sustainable Mechanochemical Synthesis of Selected Atypical Antipsychotic Drugs	Arkadiusz Iskrzycki, Vittorio Canale, Michał Kamiński, Agata Kryczyk-Poprawa, Przemysław Dorożyński, Paweł Zajdel
PSP21	Mechanosynthesis: a Sustainable Way to Obtain Antipoxviral Drug Tecovirimat on a Multigram Scale	Alicja Kacprzak, Arkadiusz Iskrzycki, Kinga Limanówka, Michał Woźniak, Amelia Oszczyk, Adam Mazur, Wojciech Trybała, Przemysław Szafrąński, Vittorio Canale, Paweł Zajdel
PSP22	Capsaicin as a Stabilizing Agent for Volatile Terpene-Containing Pharmaceutical Films: Achieving USP <905> Compliance Through Formulation Optimization	Gintaras Matulis, Jurga Bernatoniene
PSP23	Fungal polysaccharides used as a component of multilayer biomaterials	Joanna Zontek-Wilkowska, Agata Krakowska, Małgorzata Poliszak, Przemysław Dorożyński, Bożena Muszyńska
PSP24	Encapsulation Efficiency Assay for RNA-LNPs – application to stability assessment of formulations	Agnieszka Klusek, Kamil Adasiewicz, Ewelina Juszczyk, Patrycja Olejkowska-Podgórska, Agnieszka Śliwińska, Andżelika Bystrejewska, Katarzyna Mróz, Karolina Kęska-Walus, Karolina Imiełowska, Wiktor Pyra, Michał Górka, Maciej Wieczorek
PSP25	Pharmacokinetics of dual JAK/ROCK Inhibitor CPL'116 and its metabolite M3 in rheumatoid arthritis patients	Piotr J. Rudzki, Michał Kaza, Olga Czerepow-Bielik, Piotr Pankiewicz, Joanna Kogut, Martyna Banach, Agnieszka Segiet-Święcicka, Daniel Rabczenko, Maciej Wieczorek
PSP26	Electromagnetic Field-Assisted Enhancement of Transdermal Delivery of Nonsteroidal Anti-Inflammatory Drugs	Paula Ossowicz-Rupniewska, Karolina Zyburtowicz-Ćwiartka, Karolina Bilska, Anna Nowak, Rafał Rakoczy
PSP27	Culture of tumoroids inside double emulsion droplets produced using a microfluidics-based bioprinter	Ronald Terrazas Mallea, Debjita Mukherjee, Jonathan Pullas Navarrete, Jan Guzowski