



Final ORBIS Conference July 5-6th 2023



AGENDA

Day 1, July 5th, 9:00 – 16:40

Conference venue: [PUMS Congress Center, Przybyszewskiego 37a, Poznań](#)

Time	Event
8:30 – 9:00	Registration
9:00 – 9:30	Opening and introductions
9:30 – 9:45	<i>Overview of ORBIS project</i> Prof. Janina Lulek (Poznan University of Medical Sciences, Poland)
9:45 – 10:00	Short break
9:00 – 17:00	Poster session Head of the committee - Prof. František Štěpánek (University of Chemistry and Technology Prague, Czech Republic)
Session I Drug substances and pharmaceutical preformulation	
10:00– 10:30	Lecture 1: Prof. Andrzej Kutner (Medical University of Warsaw, Poland) <i>Recent advances in API development</i>
10:30 – 11:00	Lecture 2: Prof. Stane Srčič (University of Ljubljana, Slovenia) <i>Effect of moisture on solid-state stability</i>
11:00 – 11:40	Oral presentation, Sreela Ramesh (Zentiva, k.s., Czech Republic) <i>Non-classical mechanism in crystallization of salts of cyamemazine</i>
	Oral presentation, Martin Balouch (University of Chemistry and Technology Prague) <i>Machine learning algorithms for slurry crystallization control</i>
	Discussion on the multidisciplinary scientific outcomes
11:40 – 12:10	Coffee break
Session II: Dosage forms and drug delivery systems	
12:10 – 12:40	Lecture 1: prof. Clare Strachan (University of Helsinki, Finland) <i>New insight on solid dosage form analysis</i>



12:40 – 13:10	Lecture 2: prof. Dimitrios Lamprou (Queen's University Belfast, UK) <i>Emerging Technologies Transforming Therapy</i>
13:10 – 14:00	Oral Presentation, Dominik Martynek (Zentiva, k.s., Czech Republic) <i>Solid solutions preparation using spray drying and hot melt extrusion</i>
	Oral Presentation, Anna Froelich (Poznan University of Medical Sciences, Poland) <i>Topical delivery of meloxicam using liposome and microemulsion formulation approaches</i>
	Oral Presentation, Viktoriia Shyroko (Farmak JSC, Ukraine) <i>Comparative studies of gels for topical delivery of ketoprofen: physicochemical characteristics and in vitro drug release rate determination</i>
	Discussion on the multidisciplinary scientific outcomes
14:00 – 14:30	Discussion on the policies developed by the consortium
14:30 – 15:30	Lunch break
Session III: Biopharmaceutical evaluation of dosage forms and drug delivery systems	
15:30 – 16:00	Lecture 1: Prof. Iztok Grabnar (University of Ljubljana, Slovenia) <i>Modeling complex absorption in a population pharmacokinetic analysis using empirical functions</i>
16:00 – 16:30	Lecture 2: Dr Irena Tomaszewska (Pfizer, UK) <i>Applications of biopredictive tools during drug product development</i>
16:30 - 17:10	Oral presentation, Monika Zielińska (Poznan University of Technology, Poland) <i>The effects of various food products on bisphosphonates availability</i>
	Oral Presentation, Yulia Kondratova (Farmak JSC, Ukraine) <i>Study of dissolution profiles: from API to IVIVC</i>
	Discussion on the multidisciplinary scientific outcomes



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Day 2, July 6th, 8:30 – 15:30

Conference venue: [PUMS Congress Center, Przybyszewskiego 37a, Poznań](#)

Time	Event
8:30 – 8:35	Opening and introductions
8:30 – 15:30	Poster session
Session I - Rutgers University	
8:35 – 9:05	Lecture 1: Prof. Joachim Kohn (Rutgers University, New Jersey, USA) <i>Future Opportunities in the Field of Drug Delivery Research</i>
9:05 – 9:35	Lecture 2: Prof. Rohit Ramachandran (Rutgers University, New Jersey, USA) <i>Energy efficient smart-manufacturing of pharmaceutical solid oral dosage forms</i>
9:35 – 10:05	Oral presentation, Aneta Kalvodova (University of Chemistry and Technology Prague, Czech Republic) <i>Innovative cerosomes as carriers for an enhanced dermatitis therapy</i>
	Oral presentation, Aleksandra Grzábka-Zasadzińska (Poznan University of Technology, Poland) <i>Prediction of quality attributes of granules prepared by high-shear wet granulation</i>
	Oral presentation, Marta Karaźniewicz-Łada (Poznan University of Medical Sciences, Poland) <i>UPLC-MS/MS method for the stability study and bioanalysis of first-line anti-tubercular drugs</i>
10:05 – 10:15	Discussion on the multidisciplinary scientific outcomes
10:15 – 11:00	Coffee break
CEREMONY OF CONFERRING THE TITLE OF PUMS HONORIS CAUSA DOCTORATE TO PROF. BOŻENA MICHNIAK-KOHN	
11:00 – 13:00	Ceremony Lecture by prof. Bozena Michniak-Kohn
	Coffee break
Session II - University of Central Florida	
14:00 – 14:30	Lecture: Prof. Michał Masternak (University of Central Florida, USA)



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	<i>Senescent cells as new pharmacological targets for age-related diseases and anti-aging therapy</i>
14:30 – 15:00	Oral presentation, Ewelina Juszczyk (Celon Pharma S.A., Poland)
	<i>The impact of selected miRNAs on growth of head and neck cancer cell lines in vitro</i>
	Oral Presentation, Błażej Rubiś (Poznan University of Medical Sciences, Poland)
	<i>New therapies targeting aging cells in the skin</i>
	Q&A Session
15:00 – 15:30	Overview of the poster session Head of the committee - Prof. František Štěpánek (University of Chemistry and Technology Prague)

6.07.2023

Networking event:

18:00 – bus departure from PUMS Congress Center, 37a Przybyszewskiego Str.

19:00 - 24:00 **Gala dinner with Best Poster & Best Short Oral Presentation Award ceremony** at [Siedem Drzew Restaurant with Botanical Garden, Biskupice](#)
(for all secondees participating in conference and invited guests)

24:00 - departure return bus to the PUMS Congress Center, 37a Przybyszewskiego Str.