



# Second Croatian Congress of Clinical Pharmacology and Therapeutics with International Participation

## “Clinical Pharmacology: Rational Therapy for Today’s Challenges”

Thursday, September 18<sup>th</sup>, 2025

**8.45-11.00**      **Precongress symposium:** Young Clinical Pharmacologists – Opportunities and Challenges

**09:00–09:45 Presentations and discussion**

Andrej Belančić:      Academic-scientific and professional opportunities for young clinical pharmacologists: career path and opportunities along the way

Ivana Stević:      Opportunities in the pharmaceutical world – from clinical trials through regulation and market access to clinical research

Petar Mas:      PRAC experience of a young clinical pharmacologist

Dominik Strikić:      Clinical aspect of the newest young specialist in clinical pharmacology in Croatia

Robert Likić:      Options for young clinical pharmacologists from a mentor’s perspective – “Yesterday, Today and Tomorrow”

Best selected abstract by a young clinical pharmacologist or student with work in clinical pharmacology

**09:45–10:35**      **Round Table:** Shaping the Future of Clinical Pharmacology: Global Perspectives and Career Pathways

**Moderator:** Robert Likić

**Topics to be covered:**      Education and Training Opportunities, Residency / Specialization Pathways, Career Options and Market Demand, Research Opportunities and Access, Differences in National Roles, Organization and Responsibilities, International Mobility and Collaboration

Panelists: Andrej Belančić, Juraj Ban Jović, Slobodan Janković, Farideh Javid, Sandra Knežević, Noora Kula, Kaisa Litonius, Ines Potočnjak, Igor Rubinić, Tabassome Simon, Dominik Strikić, Dinko Vitezić

Closing Remarks, take-home messages and invitation to the Workshop on Clinical Trials led by Prof. Tabassome Simon.

**11.00-13.00 Workshop:** Professor Tabassome Simon (Paris, France): Different designs of clinical trials

The aim of this workshop is to review currently used designs (including umbrella and basket) for clinical trials, by describing their characteristics, their advantages and disadvantages, using practical examples.

**14.00-14.30 CONGRESS OPENING**

**14.30-15.00 PLENARY LECTURE:** Tabassome Simon (Paris, France): Developing Clinical Pharmacology in a University Hospital: My journey as a Clinical Pharmacologist

**Chairperson:** Suzana Mimica

**15:00–16:30 Challenges in Clinical Pharmacology I**

**Chairs:** Iveta Merćep and Suzana Mimica

15:00–15:20 Iveta Merćep: Clinical Trials in Croatia – Role and Challenges of the Central Ethics Committee in the Approval Process

15:20–15:40 Suzana Mimica: Deprescribing and Polypharmacy

15:40–16:00 Matea Radačić Aumiler: Dilemmas in Drug Use During Pregnancy

16:00–16:20 Maja Ilijanić Samoščanec: Accuracy of Medical Advice Given to Breastfeeding Women

16:30–17:00 *Coffee Break*

**17:00–18:30 What is the Current State of Drug Availability in Croatia?**

**Chairs:** Tea Strbad and Tonći Buble

Tonći Buble: Drug Availability in Croatia – A Different Perspective

Jelena Matuzović: Availability of New Medicines Reimbursed by the National Health Insurance

Tea Strbad: Monitoring Treatment Outcomes and Drug Availability  
Panel Discussion: Access to Medicines

**Moderator:** Dinko Vitezić

**Panelists:** Tonći Buble, Jelena Matuzović, Tea Strbad, Iveta Merćep, Suzana Mimica

Conclusions of the Panel Discussion

### **18:30 Welcome & Networking Reception**

**Friday, September 19th, 2025**

### **08:15–10:00 Antibiotics with Caution: Challenges and Opportunities**

**Chairs:** Vera Vlahović-Palčevski and Iva Mikulić

08:15–08:30 Iva Mikulić: Penicillin Allergy – Time for Reassessment and Removal of Inaccurate Diagnoses

08:30–08:45 Zvonimir Čagalj: Challenges in Antibiotic Use in Primary Healthcare

08:45–09:00 Igor Rubinić: Multidrug-Resistant Bacteria – Is There a Cure?

09:00–09:15 Slobodan Janković (Kragujevac, Serbia): Predictors of Target PK/PD Indices and Toxic Plasma Levels of Ceftazidime in Hospitalized Adult Patients

09:15–09:30 Vera Vlahović-Palčevski: Antimicrobial Therapy Today – Where Are We and Where Are We Headed?

09:30–10:00 Discussion

10:00–10:30 *Coffee Break*

### **10:30–12:30 Rare Diseases & Orphan Medicines**

**BJCP/BPS and Croatian Society of Clinical Pharmacology and Therapeutics  
Joint Symposium**

**Chairs:** Serge Cremers and Dinko Vitezić

10:30–10:50	Dinko Vitezić: Regulatory Aspects of Orphan Medicines Approval in the EU – Challenges in Ensuring Patient Access
10:50–11:10	Robert Likić: AI and Machine Learning in Rare Diseases and Orphan Medicines: Identifying Therapeutic Targets through In Silico Approaches
11:10–11:30	Oscar Della Pasqua (London, UK): Dose Rationale and Clinical Trial Design Optimization in Early Development of Orphan Medicines
11:30–11:50	Reecha Sofat (Liverpool, UK): Data Utilization in Rare Diseases
11:50–12:10	Andrej Belančić: Real-World Insights and Economic Implications of Orphan Medicines – Examples from Spinal Muscular Atrophy
<b>12:30–13:00</b>	<b>PLENARY LECTURE:</b> Serge Cremers (New York, USA): Lab-based Clinical Pharmacology in Support of Patient Care
<b>Chairperson:</b>	Robert Likić
13:00–14:00	<i>Lunch Break</i>
<b>14:00–16:00</b>	<b>Pharmacotherapy in Hemato-Oncology – Where Do We Stand Today?</b>
<b>Chairs:</b>	Viktorija Erdeljić Turk and Elitza Petkova Markova-Car
14:00–14:20	Viktorija Erdeljić Turk: Combination Drug Therapies in Oncology: the new standard
14:20–14:40	Inga Mandac Smoljanović: Transfusion Dependence and Overall Survival – New Insights and Emerging Dilemmas
14:40–15:00	Dražen Huić: Radioligand Therapy – A New Chapter in Personalized Cancer Treatment
15:00–15:20	Luka Vončina: Episodes of Care – Toward Sustainable, Value-Based Healthcare

15:20–15:40 Elitza Petkova Markova-Car: Precision Medicine in Oncology – The Role of Pharmacogenomics and Chronotherapy in Colorectal Cancer Treatment

15:40–16:00 Discussion

16:00–16:30 *Coffee Break*

**16:30–18:20 Diabetes and Obesity – How to Use Medicines Rationally?**

**Chairs:** Jurica Nazlić and Aleksandar Knežević

16:30–16:50 Jurica Nazlić: Drug Use in Type 2 Diabetes – New Findings in Treatment

16:50–17:10 Aleksandar Knežević: Cardiovascular Effects of Oral Antidiabetic Drugs

17:10–17:30 Sanja Klobučar: Obesity in Focus – New Horizons in Pharmacotherapy

17:30–17:50 Bojan Jelaković: New Evidence in the Treatment of Chronic Kidney Disease

17:50–18:20 Discussion

**18:20–19:15 Panel Discussion:** Clinical Pharmacology and Clinical Pharmacy – Opportunities and Benefits of Collaboration

**Moderator:** Viktorija Erdeljić Turk

Panelists: Ana Soldo, Dinko Vitezić, Marko Skelin, Iva Mikulić

Conclusions of the Panel Discussion

**20:15 Congress Dinner**

**Saturday, September 20<sup>th</sup>, 2025**

**8.30-9.30 Meet the Editors of the BJCP and Pharmaca journal**

**Chairpersons:** Prof. Serge Cremers, Editor-in-Chief of BJCP ; Asst. Prof. Viktorija Erdeljić Turk, Editorial Secretary of Pharmaca journal

**Prof. Serge Cremers:** Introduction and Welcome

Duration: 5 minutes

Content: Brief introduction to the session, overview of the editorial teams, and topics to be covered.

**Prof. Serge Cremers:** Presentation on Journal Metrics, Focus, and Future Directions

Duration: 10 minutes

Content: Overview of BJCP journal metrics, areas of focus, opportunities for collaboration, and future strategic goals for the journal, including steps to enhance impact and readership.

**Prof. Robert Likić:** Themed Issues and Spotlight Commentaries

Duration: 5 minutes

Content: Insight into the development and focus of themed issues, the role of spotlight commentaries in enhancing topic-specific impact, and their relevance to the journal's audience.

**Prof. Oscar Della Pasqua:** The Importance of Peer Review: Quality, Timeliness, and Motivation

Duration: 5 minutes

Content: Discussion on the importance of rigorous peer review in maintaining high standards, considerations for timely reviews, and motivating reviewers to contribute meaningfully to scientific quality.

**Prof. Ana Alfirević:** Research Ethics and Research Integrity

Duration: 5 minutes

Content: Publishing ethical research, challenges and barriers in scientific publishing and BJCP's approach to research integrity and trustworthiness.

**Dr. Andrej Belančić:** Opportunities for Young Researchers in BJCP

Duration: 5 minutes

Content: Emphasis on the journal's support for young researchers, including publication pathways, mentorship, and roles within the Associate Senior Editor program to promote emerging talent.

**Asst. Prof. Viktorija Erdeljić Turk:** Pharmaca: Focus, Future Directions, and Possibilities for Collaboration

Duration: 10 minutes

Content: Overview of Pharmaca journal metrics, areas of focus, opportunities for collaboration, and future strategic goals for the journal, including steps to enhance impact and readership.

## **Panel Discussion and Audience Q&A, All Editors**

Duration: 15 minutes

**TOTAL TIME:** 60 minutes

### **9:30-10:30 Challenges in Clinical Pharmacology II**

**Chairs:** Arnes Rešić and Ivana Mudnić

- 09:30–09:45 Arnes Rešić: Pediatric Clinical Pharmacology: Use of Beta-Blockers in the Treatment of Infantile Hemangiomas
- 09:45–10:00 Hana Kalinić: Are There Interethnic Differences in Drug Pharmacokinetics?
- 10:00–10:15 Ivana Mudnić: Use of Peptides in Pain Management in Palliative Care: Current Experiences, Challenges, and Opportunities
- 10:15–10:30 Sanita Maleškić Kapo (Sarajevo, Bosnia and Herzegovina): Targeted Modulation of Proinflammatory Pathways by Topically Applied NSAIDs in Experimental Collagen-Induced Arthritis
- 10:30–11:00 *Coffee Break*

### **11:00–12:15 Clinical Pharmacology in Drug Regulation**

**Chairs:** Viola Macolić Šarinić and Danica Juričić Nahal

- 11:00–11:20 Viola Macolić Šarinić: Risk Minimization Regulatory Measures and Their Application in Clinical Practice – Just a Dream or Reality?
- 11:20–11:40 Danica Juričić Nahal: Navigating a Complex Environment: Why Is the Approval of Anti-Amyloid Antibodies for Alzheimer's Disease So Challenging?
- 11:40–12:00 Petar Mas: The Role of Real-World Evidence and Health Registries in Monitoring the Safety of Medicines for Rare and Severe Diseases
- 12:00–12:15 Maja Vajagić: Development of the Croatian Institute of Public Health (CIPH) Treatment Outcome Registry:

Medicines Outside the Croatian Health Insurance Fund  
(HZZO) Reimbursement List

**12:20–14:00 Clinical Pharmacology and Family Medicine**

**Chairs:** Ivana Čegec and Ana Haviđić

12:20–12:50 Ivana Čegec / Ana Haviđić: Collaboration Between  
Clinical Pharmacologists and Family Physicians:  
Optimizing Therapy in Primary Care

12:50–13:10 Nives Radošević Kvadranti / Nataša Skočibušić: From  
Protocol to Practice: How Do Clinical Pharmacology and  
Family Medicine Collaborate?

13:10–14:00 Panel Discussion: Opportunities to Strengthen the Link  
Between Clinical Pharmacology and Family Medicine

**Moderator:** Suzana Mimica

Panelists: TBC

Conclusions of the Panel Discussion

**14:00–14:15 Congress Closing and Farewell**