

## **FINAL PROGRAM**

*2nd International Congress on*  
**Medicinal Chemistry, Drug Discovery  
& Drug Delivery**

**October 21-22, 2025 | Nice, France**

**Conference Venue:**

Hotel - Crowne Plaza Nice - Grand Arenas

Address: 2 rue Costes & Bellonte

06200, Nice, France



09:00-09:30 Onsite Registrations and Badge Pickup

09:30-10:00 Opening Ceremony & Introduction

### Plenary Talks

**Moderator: Melissa Zátoková, Comenius University Bratislava, Slovakia**

10:00-10:40 Title: Eliminating Infection in Over 30,000 Human Patients: The Impact of Nanomedicine

**Thomas Webster, Hebei University of Technology, China**

10:40-11:20 Title: Selective Hsp90 Inhibitors for the treatment of Cancer, Glaucoma, and Neurodegenerative Diseases

**Brian Blagg, University of Notre Dame, USA**

11:20-11:35

**Coffee Break**

11:35-12:15 Title: Utilization of calcium and sulfide signaling pathways in a cancer treatment  
**Olga Krizanová, Slovak Academy of Sciences, Slovak Republic**

12:15-12:55 Title: Aptamer Based Electrochemical Biosensors as Powerful Biomarker Tools  
**Hassan Karimi-Maleh, The Quzhou Affiliated Hospital of Wenzhou Medical University, China**

12:55-13:00

**Group Photograph**

13:00-14:00

**Lunch Break**

14:00-14:40 Title: Bright Bioorthogonal Platforms for Precision Cancer Theranostics  
**Ya-Qiu Long, Suzhou Medical College of Soochow University, China**

### Keynote Talks

14:40-15:10 Title: Advancing infection therapy: the role of novel carvacrol-based antimicrobials  
**Ivana Cacciatore, G. d'Annunzio University of Chieti-Pescara, Italy**

15:10-15:40 Title: Near-Infrared Ir(III) and Ru(II) Complexes as Potential Photosensitizers for Phototherapy  
**Wenfang Sun, The University of Alabama, USA**

15:40-16:10 Title: DOX Series of Protocols: Realizing the Application of the First Principle Methods into Covalent Drug Design and Target Fishing  
**Jian Wan, Central China Normal University, China**

16:10-16:25

**Coffee Break**

16:25-16:55 Title: New points of attack for covalent inactivators of human histone deacetylase 8  
**Franz-Josef Meyer-Almes, Darmstadt University of Applied Sciences, Deutschland**

16:55-17:25 Title: Vascular nanomedicine delivery: fortuitous homing vs cognizant targeting  
**Vladimir Muzykantov**, *University of Pennsylvania, USA*

**End of Day-1**

**MCDDCONGRESS2025**

**October 22, 2025 | Nice, France**  
**Meeting Room: 01**

**Invited Talks**

**Moderator: Melissa Záteková**, *Comenius University Bratislava, Slovakia*

- 10:00-10:25 Title: Carbohydrate-based guanidine rich-molecular transporter as a drug delivery vector  
**Jungkyun Im**, *Soonchunhyang University, South Korea*
- 10:25-10:50 Title: Peptide-Based Delivery Platforms: From Self-Assembling Hydrogels to Brain-Targeted Nanocarriers  
**Marilisa Pia Dimmito**, *University "G. d'Annunzio" of Chieti-Pescara, Italy*
- 10:50-11:15 Title: The diversity of natural products from mangrove and dinoflagellate  
**Li Shen**, *Guangdong Medical University, China*

11:15-11:30

**Coffee Break**

- 11:30-11:55 Title: Green Synthesis Of a Hyaluronan-Based Multimeric A9 Peptide System: Polysaccharide-A9 Conjugate With Enhanced HER2 Receptor Binding Affinity And Potential Biomedical Applications As Active Material  
**Stefania De Luca**, *National Research Council (CNR), Italy*
- 11:55-12:20 Title: In-silico methods and tools for drug repurposing  
**Ziaurrehman Tanoli**, *University of Helsinki, Finland*
- 12:20-12:45 Title: To be Confirmed  
**Sabrina Belbekhouche**, *Université Paris Est Creteil, CNRS, France*
- 12:45-13:10 Title: Azobenzene and its derivatives as scaffold in the synthesis of small molecules  
**Letizia Giampietro**, *Università G. d'Annunzio, Italy*
- 13:10-13:35 Title: Predictive Role of FOXA1 and RAB25 in the Antiproliferative Response to AIMZ-938, a CYP1A1-Activated Prodrug Targeting Breast Cancer  
**Mr. Quentin Bruxelles**, *Laval University, Canada*

13:35-14:30

**Lunch Break**

## Poster Presentations

- P01** Title: Study of Physical Properties of Silver Nanoparticles Functionalized by Amino Acids  
**Melissa Záteková**, *Comenius University Bratislava, Slovakia*
- P02** Title: Preparation and Characterization of Gold Nanoparticles Stabilized by Modified Amino Acids for Pharmaceutical Applications  
**Klára Oláhová**, *Comenius University Bratislava, Slovakia*
- P03** Title: Focused Library Comprising Bioisosteres of Hydrolytic Transition State of Aspartic Protease  
**Marija Skvorcova**, *Latvian Institute of Organic Synthesis, Latvia*
- P04** Title: Optimizing Electroporation for Gene Therapy: Impact of Buffer Composition and Pulse Parameters on Drug Delivery  
**Anna Szewczyk**, *State Research Institute Centre for Innovative Medicine, Lithuania*
- P05** Title: To be confirmed  
**Karina Opara**, *Universität Duisburg-Essen, Germany*

End of Conference



**NEXT EDITION**

***3rd International Congress on***  
**Medicinal Chemistry, Drug Discovery & Drug**  
**Delivery**

**November 19-21, 2026 | Dubai, UAE**