

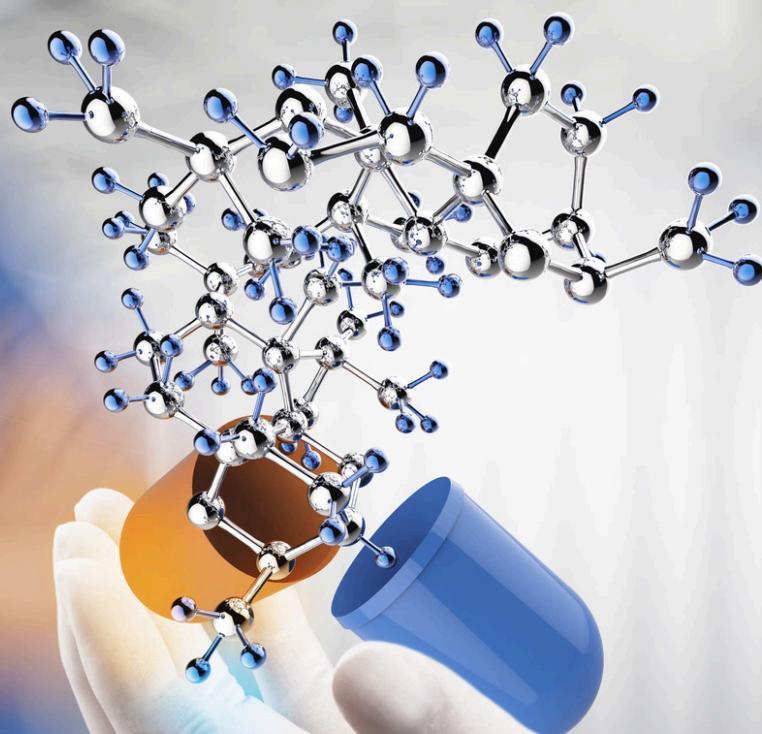
FINAL PROGRAM

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 Záteková, 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 Krizanova, 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, Soongchunhyang 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