SYNERGIA SUMMITS
...fostering collaborations

MCDDCONGRESS2025

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: Jasmin 3

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