



# Brochure

## **International Forum on Medicinal Chemistry Drug Discovery & Drug Delivery**

**March 07-09, 2024**

**Florence, Italy**

**MCDDFORUM2024**

**Email:** [mcddforum2024@continuumforums.com](mailto:mcddforum2024@continuumforums.com)

**Website:** <https://www.continuumforums.com/2024/mcddforum>

# About Conference

It is with great pleasure we extend a warm welcome to all participants, researchers, and enthusiasts joining us on this exciting journey at International Forum on Medicinal Chemistry, Drug Discovery, and Drug Delivery (MCDDFORUM2024), which will be held in Florence, Italy during March 07-09, 2024.

Medicinal chemistry is a captivating and multidisciplinary field at the intersection of chemistry, pharmacology, and biology. It focuses on the design, synthesis, and optimization of chemical compounds to develop new drugs with therapeutic value. Medicinal chemists play a crucial role in the drug discovery and development process, working to understand the molecular mechanisms of diseases and create targeted compounds that interact with biological systems. The pursuit of new drugs and the refinement of existing ones underscore the vital contributions of medicinal chemistry to the improvement of healthcare outcomes and the well-being of individuals worldwide.

The main agenda of this conference is to bring together world-leading academics, practitioners, industry leaders, chemical professionals, researchers, professors, scientific communities, delegates, students, business professionals and executives from the fields of Medicinal Chemistry, Drug Discovery, and Drug Delivery to develop practical solutions for current challenges in these fields. The forum has featured plenary talks, keynote talks, special sessions, poster presentations, workshops, and contributed papers each year.

The symposium provides excellent opportunity to meet with experts and to share their knowledge. The scientific program of the conference will pave way for all the visionaries of today's world to gather on a stage where their research findings will put forward many thought-provoking strategies for the next generations. We hope this conference initiates all the participants to learn more from each other for the sake of improving our communities.

May this gathering be a source of inspiration, collaboration, and discovery for all of us. Let's embark on this intellectual journey with enthusiasm and a shared commitment to advancing the frontiers of Medicinal Chemistry, Drug Discovery, and Drug Development.

We look forward to welcome you at Florence, Italy.



# Sessions

• Advances in Bio Therapeutics Drug Discovery and Development	• Physiological Considerations of Drug Delivery
• Anti-Cancer Drug Discovery	• Pharmaceutical Technology
• New Molecular Landscapes in Drug Discovery	• Process Chemistry and Drug Manufacturing
• Computational Drug Delivery	• Structural biology in Drug Development
• Nanotechnology in Drug Delivery Systems	• Tumour Drug Delivery Based on EPR Effect Using Nanomedicine
• Drug Discovery in Preclinical Research	• New Avenues in Drug Discovery Chemistry
• Nano Delivery based Targeting of angiogenesis	• Women Health in Drug Discovery and Therapy
• Medical Devices for Drug Delivery	• Vaccine Drug Delivery Systems
• Medicinal Plants and Green Chemistry	• Molecular Modelling Organic Chemistry
• Emerging Nano Medicine	• Genomics and Proteomics
• Clinical Pharmacology	• Combinatorial Chemistry
• Novel Drug Delivery	• Fusion of traditional and biomedicine
• Perspective in Drug Discovery	• Click Chemistry
• Drug Toxicity	• Current Trends in Medicinal Chemistry



# Plenary Speakers



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



**Jacques Desbrieres**  
University of Pau and Pays Adour,  
France



**Thomas Webster**  
Interseller therapeutics,  
USA



**Daniell Henry**  
University Of Pennsylvania,  
USA



# Keynote Speakers



Constantinos Mikelis,  
University of Patras,  
Greece



Dihua Yu,  
University of Texas,  
USA



Joseph Strauss  
University of Natural Resources and  
Life Sciences, Austria



Laurent Desaubry  
University of Strasbourg,  
France



Sergei Vakulenko  
University of Notre Dame,  
USA





# Organizing Committee members

- **Jinwei Zhang**, University of Exeter Medical School, UK
- **Jacques Desbrieres**, University of Pau and Pays Adour, France
- **Peifeng Li**, Qingdao University, China
- **Stephen Safe**, Texas A&M University, US
- **Stefan Knapp**, University Frankfurt, Germany
- **Brian Blagg**, University of Notre Dame, USA
- **Farida Ahangari**, Yale School of Medicine, USA
- **Lucke Wold Brandon**, University of Florida, USA
- **Karolina Klesiewicz**, Jagiellonian University Medical College, Poland
- **Georgios Koliakos**, Chairman and CEO Biohellenika, Greece
- **Mihail Lucian Birsă**, University of Iasi, Romania
- **Laura Sarbu**, Alexandru Ioan Cuza University of Iasi, Romania
- **Ahmed Hegazi**, National Research Center, Dokki, Egypt
- **Mohamed Eddouks**, Moulay Ismail University of Meknes, Morocco
- **Mohammad S. Mubarak**, The University of Jordan, Jordan
- **Mohammad F. Bayan**, Philadelphia University, Jordan
- **Hai Nam Nguyen**, Hanoi University of Pharmacy, Vietnam
- **Henrique Faneca**, CNC University of Coimbra, Portugal
- **Uqbah Iqbal**, National University of Malaysia, Malaysia
- **Domiziana Masci**, University of Rome, Italy



## Venue: Florence, Italy

Florence is one of Italy's most popular cities to visit, especially for first-timers. Not only is it the art capital of the world, it's a gorgeous city with streets to wander, towers to climb, great places to go shopping, and lots of gelato to eat. The city is noted for its culture, renaissance art and architecture and monuments and also contains numerous museums and art galleries, such as the Uffizi Gallery and the Palazzo Pitti, and still exerts an influence in the fields of art, culture and politics. In fact, it is the only Italian city on the list, which makes our city the most beautiful of Italy.

Florence plays an important role in Italian fashion, and is ranked in the top 15 fashion capitals of the world by Global Language Monitor; furthermore, it is a major national economic center, as well as a tourist and industrial hub.



# Important Dates

Abstract Submission Deadline	January 30, 2024
Earlybird Registration	September 20, 2024
Standard Registration	December 25, 2023
On-spot Registration	March 07, 2024

## Important links:

Website: <https://www.continuumforums.com/2024/mcddforum>

Abstract submission: <https://www.continuumforums.com/2024/mcddforum/abstract-submission>

Speakers: <https://www.continuumforums.com/2024/mcddforum#speakers>

Registration: <https://www.continuumforums.com/2024/mcddforum/registration>

**Contact:**

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