



# Brochure

## 2<sup>nd</sup> International Forum on Cell Science and Molecular Biology

May 06-08, 2024

Prague, Czech Republic

**CSMBFORUM2024**

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

# About Conference

Molecular biology is a bifurcate of biology that deals with the study of replication, transcription and translation. Molecular and cellular biology are interrelated, since most of the properties and functions of a cell can be described at the molecular level. The field has advanced to a greater extent though dense and complex. The mechanisms and functions of many cell processes are now well established, but as the issue reveals, there is still plenty of room for exploration. Cell biological principles and tools are also being applied to disciplines such as genetics, development, metabolism, and disease. Molecular biology is the field that overlaps with other areas of biology and chemistry, particularly genetics and biochemistry. This includes various systems of a cell and interaction among various biomolecules and covers a broad scope of problems related to molecular and cell biology.

The main agenda of this conference is to bring together world-leading academics, practitioners, industry leaders, policymakers, and business professionals from the fields of Cell Science and Molecular Biology to develop practical solutions for current challenges in these fields. The conference series has featured plenary talks, keynote talks, special sessions, poster presentations, workshops, and contributed papers each year.

Highlighted keynote lectures, plenary talks, workshops, roundtable discussions and video and posters presentations highlight research and best practices in these fields and enable discussions and debate among professionals from these fields including Cellular Biomaterials, Medical Oncology along with flora and fauna researchers and academics on different strategies and initiatives that help in achieving transformational development in Cell Science and Molecular Biology research world.

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.



# Sessions

Cell Science	Molecular Biology
Cell Matrix Biology and Osmosis	Cell Cycle and Cell Division
Cellular Targeted Therapy	Cellular Chemotherapy
Cellular Immunology and Antibiotics	Cellular Biochemistry and Pharmacology
Fundamental Cell Science	Germ Cells and Epigenetic
Novel Stem Cell Technologies	Stem Cells in Diseases
Stem Cell Transplantation and Biomaterials	CRISPR and Gene Editing
Molecular Biomarkers	Cell Mechanics
Plant Molecular Biology	DNA and RNA Transcription
Cell Death and Disease	Signal Transduction Inhibitors
Cellular and Molecular Physiology	Molecular Evolution and Endocrinology
Plant, Animal Cell Biology and Diseases	Developmental and Computational Biology
Evolutionary and Conservation Biology	Microbiology and Genetics
Cells and Tissue Development	Cells and their Organic Compounds
Molecular Cell and Molecular Biotechnology	Hematopoietic Cells (RBC)



# Plenary Speakers



**Ramesh Ganju**  
The Ohio State University,  
USA



**Rony Seger**  
The Weizmann Institute of Science,  
Israel



**Hanna Engelberg Kulka**  
Hebrew University of Jerusalem,  
Israel



**Helena Moreira**  
Wroclaw Medical University,  
Poland



**Dinender Singla**  
University of Florida,  
USA



**Kenneth B Storey**  
Carleton University,  
Canada



# Keynote Speakers



**Hossein Hosseinkhani**  
Innovation Center for Advanced  
Technology, USA



**Pardo Olivier E,**  
Imperial College,  
London



**Maria Principia Scavo**  
National Institute of Gastroenterology  
IRCCS de Bellis, Italy



**Roberto Negro**  
National Institute of Gastroenterology  
IRCCS de Bellis, Italy



**Alexei V Finkelstein**  
Institute of Protein Research of the  
RAS, Russia



# Organizing Committee members

1. **Yihui Shi**, California Northstate University, USA
2. **Peifeng Li**, Qingdao University, China
3. **Juan Antonio Fafian Labora**, UDC-University of A Coruna, Spain
4. **Ignazio Restivo**, University of Palermo, Italy
5. **Pawel Grzmil**, Jagiellonian University, Poland
6. **Zhongjun Zhou**, The University of Hong Kong, Hong Kong
7. **Raquel Maria Garcia Dos Santos Chaves**, Tras os Montes and Alto Douro, Portugal
8. **Rosalba Siracusa**, University of Messina, Italy
9. **Yuval Tabach**, The Hebrew University, Israel
10. **Genxi Li**, Nanjing University, China
11. **Mario Diaz**, University of La Laguna, Spain
12. **Sabina Janciauskiene Wallmark**, Hannover Medical School, Germany
13. **Gulay Sezer**, Erciyes University, Turkey
14. **Ani Amar**, Bar-Ilan University, Israel
15. **Diogo Pereira Silva de Novais**, State University of Southwest Bahia - UESB, Brazil



# CSMBFORUM2024 Workshop Details:

We specially invited you for the Workshop of  
“New Developments in Anti-Cancer Research, from New  
Compounds to Modern Technologies”

Organized by Professor Helena Moreira, Wroclaw Medical  
University, Poland.

The Cell Science and Molecular Biology Workshop are open to all cancer re-  
search areas but not limited to Cell Science. All Carcinogen detected methods  
and all new and modern cancer therapeutics in vast world of Cell science and  
all the respected researchers are gladly welcomed and present your research  
results.

## Some recent developments in cancer research:

**CAR T cell therapy:** This immunotherapy technique reengineers a  
patient’s immune cells to attack cancer. It’s already approved for  
treating blood cancers, and may also be effective for solid tumors.

**Immunotherapy:** This treatment uses the body’s immune system to fight can-  
cer. It can be used for many types of cancer, and is often  
combined with other treatments.

**Radiopharmaceuticals:** These new cancer drugs deliver radiation  
therapy directly to cancer cells.

**Fedraciclib:** This new drug is being tested in clinical trials for solid tumors and  
certain blood cancers.

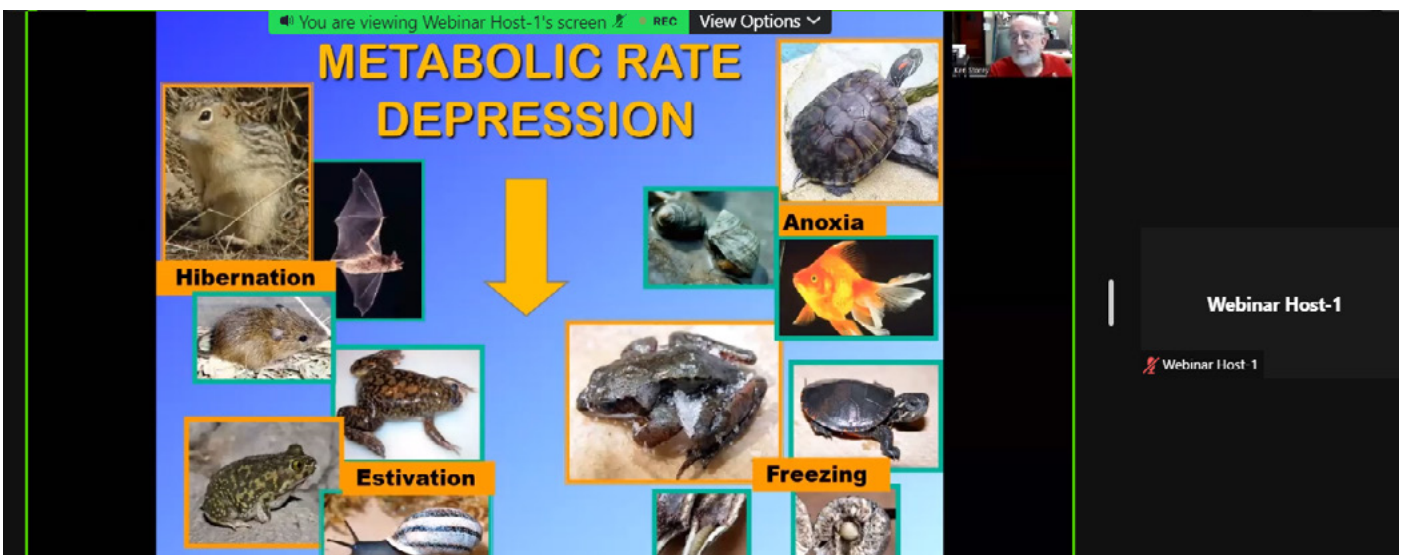
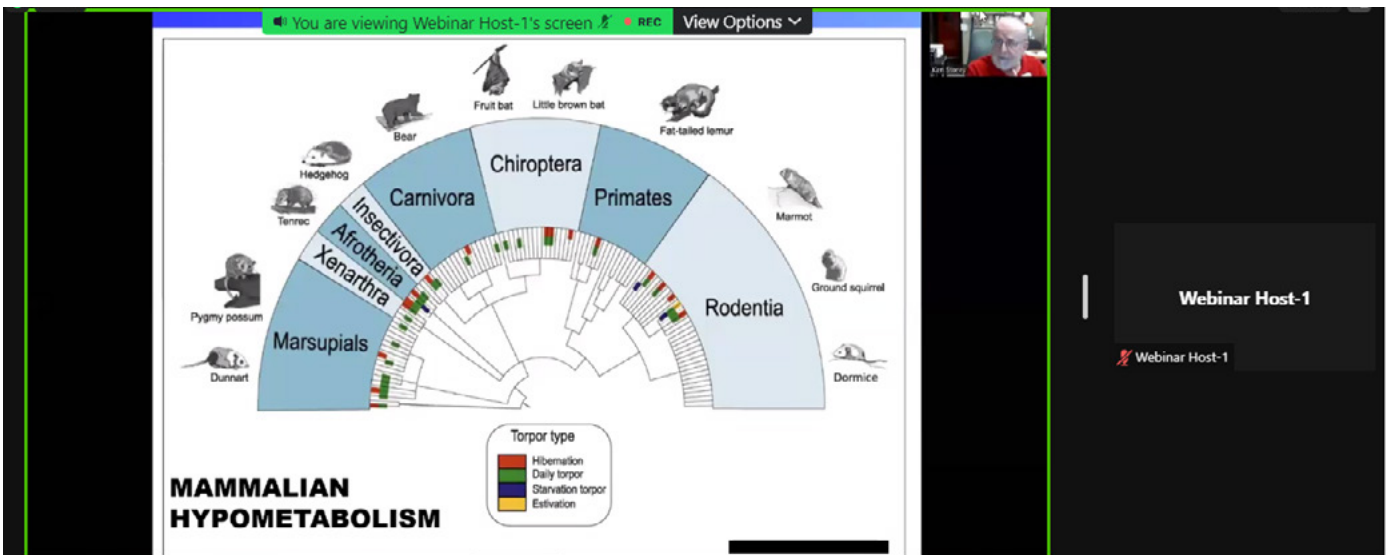
**Anticancer compounds from marine sources:** These compounds have received  
a lot of interest in recent years.

**Plant-derived compounds:** Researchers isolate new cytotoxic  
compounds from plants every year.

For Workshop enrolment:

<https://www.continuumforums.com/2024/csmbforum/workshop-enrollment>

# Glimpses of our successful previous conference,





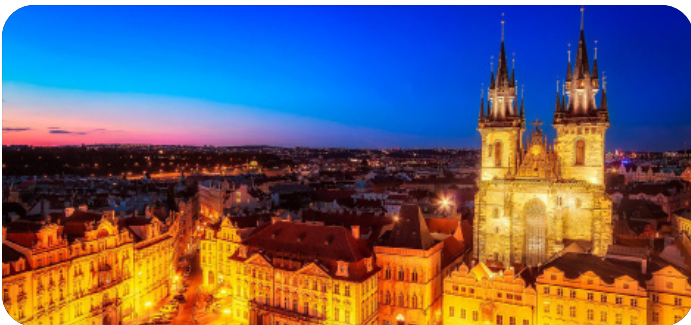
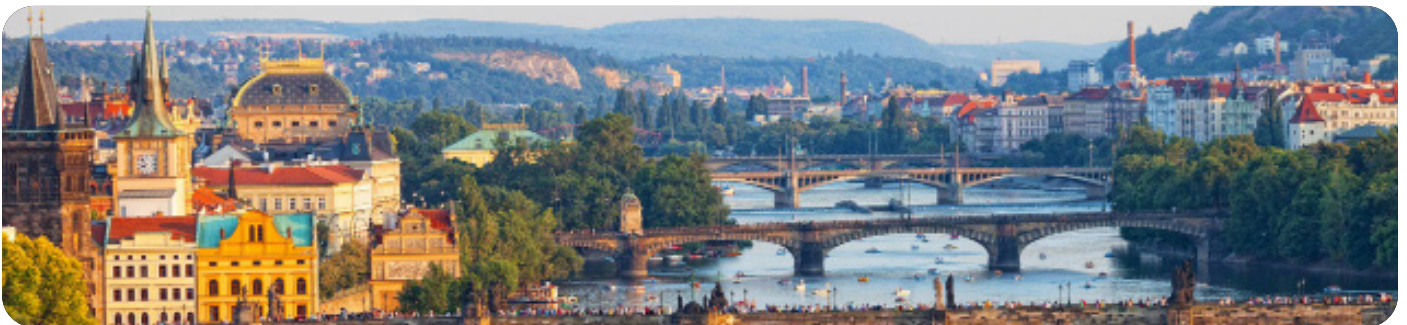
## Venue: Prague, Czech Republic

The Czech Republic is a landlocked country in Central Europe. The country is bordered by Poland to the north, Germany to the west, Austria to the south, and Slovakia to the east. Its capital and largest city, with 1.3 million inhabitants, is Prague.

Prague is home to a number of well-known cultural attractions, many of which survived the violence and destruction of 20th-century Europe. The city has more than ten major museums, along with numerous theaters, galleries, cinemas, and other historical exhibits. Prague is famous for its Well-preserved Castles, Baroque and Gothic Cathedrals, Medieval Squares, Dreamy Bridges, Nightlife Spots, and Lively Arts Scenes.

Some of the Tourist Attractions in Prague are:

Royal Game Reserve - Stromovka, Prague Castle, Charles Bridge, Saint Nicholas Church, Pisek Gate, Milunic's and Gehry's Dancing House, Franz Kafka Museum, Clam-Gallas Palace



# Important Dates

Abstract Submission Deadline	February 28, 2024
Earlybird Registration	November 28, 2023
Standard Registration	January 18, 2024
On-spot Registration	May 06, 2024

## Important links:

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

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

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

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

For Previous Glimpses: <https://www.continuumforums.com/2024/csmbforum/glimpses>

### Contact:

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