



Dear Colleagues,

On behalf of the Scientific and Organizing Committees of the Central European Biomedical Congress (CEBC), it is our great pleasure to invite you to join the 5th CEBC held from May 29 till June 1, 2023, in Krakow, Poland. This Congress is jointly organized by the Maj Institute of Pharmacology Polish Academy of Sciences and the Faculty of Medicine, Jagiellonian University Medical College.

5th CEBC will be held under the title: *“Future trends in health interventions”*.

Plenary speakers who have already confirmed their participation:

**Prof. Véronique Deroche-Gamonet PhD, HDR**

Université de Bordeaux, INSERM, Neurocentre Magendie, Bordeaux, France

**Prof. Kathryn A. Cunningham, PhD**

The University of Texas Medical Branch, Galveston, USA

**Prof. Gustavo Turecki PhD, MD**

Douglas Hospital Research Centre, McGill Group for Suicide Studies, Montreal, Quebec, Canada

**Prof. Stefan Chłopicki, PhD, MD**

Jagiellonian Centre for Experimental Therapeutics (JCET), Jagiellonian University, Krakow, Poland

**Prof. Stéphane Oliet, PhD**

Bordeaux Neurocampus, University de Bordeaux, France

#### **SESSIONS:**

Blood-brain barrier dysfunction in CNS disorders

Nanotheranostics and CNS disorders

Mass spectrometry in medical sciences

Immunodiagnosics & immunotherapy

Neurodegenerative and psychiatric disorders

Sphingolipids in health and brain diseases

Novel rapid-acting antidepressants

A novel approach for the treatment of the CNS pathologies

Chaperons in Gaucher's disease

Digital medicine - beyond diagnostics

Medical biotechnology in disease modelling

Tracking brain projections and cell signaling involved in neuroadaptations triggered by cocaine, stress, or neurodegeneration

Innovative nanocarriers and treatment modalities in antitumor therapy

Future therapies with psychedelics

Duchenne muscular dystrophy - mechanisms and possible treatments

Magnificent Seven: on the role of the 5-HT<sub>7</sub>R receptor in the brain

Young scientific investigators' session

**The mission of the CEBC is to link clinicians, physicians, pharmacologists, biologists, biotechnologists, chemists and toxicologists, sharing the common goal to exchange of ideas and concepts. For almost 10 years CEBC attracts a growing number of international attendees from around the world.**

We hope you will join us for the Congress.

More details: [www.cebc.pl](http://www.cebc.pl)