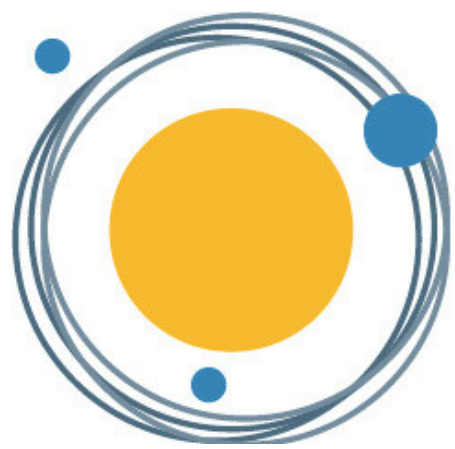


FIRST CONFERENCE OF THE SERIES



COPERNICUS
DIALOGUES

**THE FOCUS OF
POLISH-ITALIAN
COOPERATION
IN THE AREA OF
BIOMEDICINE**



27 OCTOBER 2023
9:30 AM

**POLISH ACADEMY OF SCIENCES
SCIENTIFIC CENTER IN ROME**

VICOLO DORIA 2 | INTERNO 6



Rome
Scientific Center
Polish Academy of Sciences



Consiglio Nazionale
delle Ricerche



Maj Institute of Pharmacology
Polish Academy of Sciences



Brussels
Polish Science Contact Agency
Polish Academy of Sciences



NATIONAL
SCIENCE
CENTRE



POLISH NATIONAL AGENCY
FOR ACADEMIC EXCHANGE

THE FOCUS OF POLISH-ITALIAN COOPERATION IN THE AREA OF BIOMEDICINE

PROGRAMME

9:30 - 9:50

Official welcome

Agnieszka Stefaniak-Hrycko

Director of the Polish Academy of Sciences - Scientific Center in Rome

Prof. Katarzyna Starowicz-Bubak

Maj Institute of Pharmacology Polish Academy of Sciences

Dr Giovanni Maga

National Research Council of Italy - Director of the Biological Sciences Department

9:50 - 10:30

Beyond CB1: understanding the actions of anandamide in pain and nociception

Prof. Katarzyna Starowicz-Bubak

Department of Neurochemistry

Maj Institute of Pharmacology Polish Academy of Sciences

The gut microbiome and its interactions with the expanded system of endocannabinoids and similar signaling lipids

Prof. Vincenzo di Marzo

Institute of Biomolecular Chemistry, National Research Council of Italy

Director of the Joint International Research Unit CERC-MEND

Laval University

10:30 - 11:10

Dual piperidine-based histamine H3 and sigma-1 receptor ligands in the treatment of nociceptive and neuropathic pain

Dr Katarzyna Szczepańska

Department of Medicinal Chemistry

Maj Institute of Pharmacology Polish Academy of Sciences

Design, synthesis, molecular modelling and biological evaluation of novel Sigma Receptors ligands with potent antiallodynic activity

Prof. Emanuele Amata

Department of Drug and Health Sciences

University of Catania

11:10 - 11:40

On the Horizon (Europe): Health

Magdalena Dobrzyńska

R&I Policy Expert, Polish Science Contact Agency "PolSCA" of PAS in Brussels



THE FOCUS OF POLISH-ITALIAN COOPERATION IN THE AREA OF BIOMEDICINE

PROGRAMME

11:40-12:00 **Coffee break**

12:00-13:00 **Italian-Polish crosstalk through bio-analysis**

Prof. Manuela Bartolini

Department of Pharmacy and Biotechnology

University of Bologna

**From drugs for central nervous system to Cannabis:
a joint research story**

Prof. Giuseppe Cannazza

Department of Life Sciences

University of Modena and Reggio Emilia

Institute of Nanotechnology

National Research Council of Italy

**Collaborative research on molecular mechanisms of
drug-receptor interactions**

Prof. Krzysztof Józwiak

Faculty of Pharmacy

Medical University of Lublin

13:00-13:40 **Exploring metabolic stability and ligand kinetics via in silico
approaches**

Dr Sabina Podlewska

Department of Medicinal Chemistry

Maj Institute of Pharmacology Polish Academy of Sciences

**Developing of serotonin 5-HT₇ receptor ligands beyond high
affinity: the binding kinetic profile and metabolic stability**

Prof. Marcello Leopoldo

Department of Pharmacy - Pharmaceutical Sciences

The University of Bari Aldo Moro

13:40-14:40 **Lunch**



THE FOCUS OF POLISH-ITALIAN COOPERATION IN THE AREA OF BIOMEDICINE

PROGRAMME

- 14:40-15:20** **Role of cannabinoid receptors in the descending modulation of pain**
Dr Francesca Guida
Department of Experimental Medicine, Division of Pharmacology
University of Campania Luigi Vanvitelli
- Inhibition of anandamide degradation reverses osteoarthritis-related hippocampal LTP and monoamine levels disruptions - the role of CB1 receptor**
Dr Marta Kędziora
Department of Neurochemistry
Maj Institute of Pharmacology Polish Academy of Sciences
- 15:20-16:00** **Structure and function of protein corona on the dendrimer surface**
Prof. Barbara Jachimska
Jerzy Haber Institute of Catalysis and Surface Chemistry
Polish Academy of Sciences
- Modulation of protein-nanoparticle interactions: specific buffer effects on BSA adsorption on mesoporous silica nanoparticles**
Prof. Andrea Salis
Department of Chemical and Geological Sciences
University of Cagliari
- 16:00-16:40** **Boosting the resolution of inflammation as an innovative approach in the pharmacotherapy of brain diseases characterized by neuroinflammation**
Prof. Enza Lacivita
Department of Pharmacy - Pharmaceutical Sciences
The University of Bari Aldo Moro
- Dr Ewa Trojan
Department of Experimental Neuroendocrinology
Maj Institute of Pharmacology Polish Academy of Sciences
- 16:40-17:00** **Closing remarks**

