

**April 30<sup>th</sup> 2026**

## European Network for Sigma-1 Receptor as a Therapeutic Opportunity

### Program

09:00-09:20: Welcome and Introduction to the Action.

**Tangui Maurice, Ioannis Trougakos** and **Konstantinos Palikaras**

09:20-09:40: Introduction to the Sigma-1 Receptor: Current Status and Future Directions.

**Tangui Maurice**

09:40-10:10: Working Group 1 Aims and Deliverables: overview on current achievements.

**Carmen Abate** and **Michael Decker**

10:10-10:40: *Coffee break*

10:40-11:20: Se-containing arylpiperazine scaffold in a multitarget strategy combining serotonin-dopamine GPCR modulation with  $\sigma_1$ R activation – a new-old approach to the treatment of CNS diseases.

**Ewa Szymańska**, (Jagiellonian University Medical College in Kraków, Poland)

11:20-12:00: Lessons learned from the development of S-(-)-[18F]fluspidine for PET imaging of  $\sigma_1$ R.

**Andreas Maurer** (Department of Experimental Neurooncological Radiopharmacy, HZDR, Leipzig, Germany)

12:00-12:40: The Sigma-1 Receptor from a Computational Perspective.

**Giuseppe Felice Mangiatordi** (CNR Institute of Crystallography - Bari, Italy)

12:40-13:20: Chronic stress and Sigma-1 receptor in the path from depression to Alzheimer's disease. I

**Ioannis Sotiropoulos** (Institute of Biosciences and Applications NCRS "Demokritos", Athens, Greece)

13:20-13:30: Sigma-1 receptor in cancer research.

**Despoina Gianniou** (Department of Biology, National and Kapodistrian University of Athens, Greece)

13:30-14:50: *Refreshment*

14:50-15:00: Defining the role of sigma-1 in cellular homeostasis using the nematode *C. elegans*.

**Ioanna Mela** (Medical School, National and Kapodistrian University of Athens, Greece)

15:00-15:50: Brief presentations from WG1 groups

15:50-17:20: Round table. WG1 members' expertise to achieve CA23156's goals while fostering collaborations

Connection from remote via Webex: <https://uoa.webex.com/uoa/j.php?MTID=m8951a8e723d27a29530230634025bd21>

### Moderators

Carmen Abate - WG1 Leader  
University of Bari, Italy

Michael Decker - WG1 Co-Leader  
Universität Würzburg, Germany

Tangui Maurice, Action Chair  
University of Montpellier, France

### Local Organizers

Ioannis P. Trougakos  
National and Kapodistrian University of Athens, Greece  
Konstantinos Palikaras  
National and Kapodistrian University of Athens, Greece



HELLENIC REPUBLIC  
**National and Kapodistrian  
University of Athens**  
— EST. 1837 —

National and Kapodistrian University of Athens, History Museum

5 Tholou St., Plaka – 10556 Athens

<http://en.historymuseum.uoa.gr/>