

**European Network for Sigma-1 Receptor as a Therapeutic Opportunity**  
**Second Working Group (WG2) Meeting: Sigma-1 receptors in  
neurodegenerative, inflammatory, cancer and  
cardiometabolic diseases**



Salle des Actes, Grand Château, Côte d'Azur University, 28 av de Valrose, 06108, Nice,  
France

<https://maps.app.goo.gl/mjXGueBFZuYqCrox6>

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**9.00-9.15: Registration of participants and zoom joining**

**9.15- 9.40: Welcome and Introductions in main goals of Cost Action and WG2**

(Tangui Maurice and Olivier Soriani)

**Keynote Lectures:** Invited experts present cutting-edge research on Sigma-1 receptors in each disease category.

**9.40-10.10: Tangui Maurice, S1R in neurodegenerative diseases.**

**10.10-10.40: Christian Behl (Mainz, Germany), S1R, autophagy, proteostasis and disease.**

**10.40-11.10: Enrique J Cobos (Granada, Spain), S1R and pain.**

**11.10- 11.40: Andrea Fekete (SigmaDrugs, Budapest, Hungary), S1R in diabetes, fibrosis and kidney disease.**

**11.40- 12.10: Olivier Soriani (Nice, France), S1R in Cancers.**

**Short Talks & Flash Presentations:**

**12.10-12.40: 3 min presentations** of groups belonging to the WG2 according to the **presentation template** sent before the meeting.

**12.40-13.00** Coffee Break/refreshments

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**Working Group Sessions (presentation/discussion/conclusion for each point)**

**13.00- 13.20** Introduction by Thomas Mohr – A short introduction to bioinformatic tools to reverse engineer signaling pathways

**13.20-13.55** Discussion “Interactomes of Sigma-1”. Participants in hybrid format will work on the online platform to map the main molecules that physically interacts with Sigma1 receptors (research groups/papers will be indicated)

Facilitator – Elene Zhuravliova

**13.55-14.30** Discussion “Signaling pathways in different tissues and pathologies”

Participants in hybrid format will work on the online platform to map the main downstream signaling pathways activated/inhibited by Sigma 1 agonists (research groups/papers will be indicated)

Facilitator – Liga Zvejniece

**14.30-15.00** Discussion “Action of agonist/antagonists”

Participants in hybrid format will work on the online table to list all agonists and antagonists that are using in research with indication of dose, animal model, disorder, tissue (research groups/papers will be indicated)

Facilitator – Karolina Pytka

**15.00- 15.45** Coffee Break, refreshments

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### **Round Table - Strategic and Administrative Planning**

**15.45 -16.00** short presentation of WG2 composition and interests based on results of questionnaires’ response

**16.00-16.30** Update on COST Action progress and analysis of deliverables

**16.30-17.00** Announce of open calls and possibilities for participants

**17.00-17.30** Collaborative plans, brainstorming on joint publications and publishing procedures

**17.30-18.00** Closing remarks and group photo