



Symposium agenda

Translate cannabinoid science into practice

DAY 1: Wednesday, 11th of February 2026 (CET)

Chemical Probes and Molecular Pharmacology of the Endocannabinoid System

9.10-9.20 **Welcoming** Alessia Ligresti and Marialessandra Contino
9.20-9.30 **Opening address** Maria Laura Bolognesi, Vice President of the Italian Chemical Society
Chairs: Marialessandra Contino and Cristina Sanchez

9.30 **Prof. Mario van der Stelt** (University of Leiden)
Chemical proteomic approaches to study the endocannabinoid system

10.00 **Prof. Gemma Navarro** (University of Barcelona)
CBD neuroprotective effects on Alzheimer's disease

10.30 **Prof. Melanie Kelly** (Dalhousie University)
Cannabinoids & other novel therapeutics for ocular pain and inflammation

10.45 **Prof. Federica Pellati** (University of Modena and Reggio Emilia)
Therapeutic potential of natural and nature-inspired compounds from Cannabis sativa L. for neuropathic pain

11.00-12.00 **Round table:** discussion forum

12.00-12.45 **Poster session:** video presentations and Q&A
Chair: Carmen Abate

BREAK (12:45 – 14:20)

Insights and Global Health Perspectives in Cannabinoid Research

14.20-14.30 **Introducing** Alessia Ligresti and Marialessandra Contino
Chairs: Alessia Ligresti and Raquel Peyraube

14.30 **Prof. Daniele Piomelli** (University of California)
Persistent impact of adolescence THC exposure on brain function and health

15.00 **Prof. Robert Laprairie** (University of Saskatchewan)
Pharmacodynamics and pharmacokinetics of minor cannabinoids and cannabinoid mixtures: looking beyond the cannabinoid receptors

15.30 **Dr. Sandra Carillo** (Universidad de Panamá)
Cannabinoid therapies safety and side effects

16-17.00 **Round table:** discussion forum

DAY 2: Wednesday, 18th of February 2026 (CET)

Endocannabinoid Signaling at the Crossroads of Brain, Inflammation, and Metabolism

9.20-9.30	Welcoming Alessia Ligresti and Marialessandra Contino <i>Chairs: Alessia Ligresti and Katarzyna Starowicz</i>
9.30	Prof. Jürg Gertsch (University of Bern) <i>Potential role of minor cannabinoids in medical cannabis</i>
10.00	Prof. David Finn (University of Galway) <i>Endocannabinoids and pain: new evidence from preclinical and clinical studies</i>
10.30	Dr. Tony Jourdan (University of Burgundy and Franche-Comté) <i>Endocannabinoids and diabetes: a love-hate story</i>
10.45	Dr. Elisa J.M. de Koning (University of Leiden) <i>Exploring biased signaling of clinical agonists for the cannabinoid CB2 receptor with a novel functional multiplex assay</i>
11.00-12.00	Round table: discussion forum
12.00-12.45	Poster session: video presentations and Q&A <i>Chair: Angela Stefanachi</i>

BREAK (12:45 – 14:20)

Targeting the Endocannabinoid System: From Molecular Design to Functional Outcomes

14.20-14.30	Introducing Alessia Ligresti and Marialessandra Contino <i>Chairs: Marialessandra Contino and Pal Pacher</i>
14.30	Prof. Marc Nazarè (Leibniz Research Institute for Molecular Pharmacology) <i>Tailoring chemical probes for the visualization of the endocannabinoid system</i>
15.00	Prof. Aron Litchman (Virginia Commonwealth University) <i>Endocannabinoid-based strategies to treat pain</i>
15.30	Prof. Julian Romero (Universidad Francisco de Victoria) <i>Endocannabinoid regulation of microglial function in acute and chronic neuroinflammation</i>
16-17.00	Round table: discussion forum

DAY 3: Wednesday, 25th of February 2026 (CET)

Cannabinoid Receptor Signaling: Linking Chemistry, Circuits, and Cognition

9.20-9.30	Welcoming Alessia Ligresti and Marialessandra Contino <i>Chairs: Marialessandra Contino and Mauro Maccarrone</i>
9.30	Prof. Eddy Sotelo (University of Santiago de Compostela) <i>Navigating the medicinal chemistry and chemical biology of cannabinoid receptors through multicomponent approaches</i>
10.00	Prof. Giovanni Marsicano (INSERM) <i>CB1 receptor signalling in the brain: extracting specificity from ubiquity</i>
10.30	Prof. Emma Purghermanal (Universidad Autonoma de Barcelona) <i>Targeting genetic encephalopathies with cannabinoid-based therapies</i>
10.45	Dr. Alix Flake (University of Würzburg) <i>Design and Synthesis of Molecular Probes for Target Fishing based on Neuroprotective Cannabinoids</i>
11.00-12.00	Round table: discussion forum
12.00-12.45	Poster session: video presentations and Q&A <i>Chair: Giuseppe Felice Mangiatordi</i>

BREAK (12:45 – 14:20)

Cannabinoid Therapeutics: From Molecules to Medicine

14.20-14.30	Introducing Alessia Ligresti and Marialessandra Contino <i>Chairs: Alessia Ligresti and Alessandro Pastorino</i>
14.30	Dr. Ethan Russo (CReDO Science) <i>Cannabigerol (CBG), a molecule of great clinical promise</i>
15.00	Dr. Guillermo Moreno-Sanz (Khiron Life Sciences) <i>Neural pathways to ananda</i>
15.30	Prof. Martin Kaczocha (Stony Brook University) <i>Targeting FABP5 to treat pain and cancer</i>
16-17.00	Round table: discussion forum