

CANNABINOID conference 2015

**7th European Workshop on Cannabinoid Research and
IACM 8th Conference on Cannabinoids in Medicine**

**17-19 September 2015
Sestri Levante, Italy**

PROGRAM





CANNABINOID
conference 2015

7th European Workshop on Cannabinoid Research &
IACM 8th Conference on Cannabinoids in Medicine
17–19 September 2015 in Sestri Levante, Italy

- Place** Convento dell'Annunziata
Via Portobello
16039 Sestri Levante (GE)
Italy
- Registration Fee** The registration fee is 300 Euros. Students pay a reduced fee of 150 Euros. The registration fees include daily rates (lunch for all days, coffee during the breaks) and an evening dinner on Saturday.
- Organizers** International Association for Cannabinoid Medicines (IACM)
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www.cannabinoidconference2015.org

SCIENTIFIC COMMITTEE

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Roger Pertwee
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ORGANIZING COMMITTEE

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Miriam Melis
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Sponsors

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GENERAL INFORMATION

Badges

Please wear your badge at all times during the conference. You will also need to wear it for the evening dinner.

Conference Dinner

On Saturday evening we will have our gala dinner at the conference place. Please tell us during registration if you would like to participate in the gala dinner.

Poster Sessions

There will be three poster sessions at the conference:

Session 1: Thursday, September 17, 18:15 - 19:30 after the last talk.

Session 2: Friday, September 18, 12:30 - 14:30 during and after the lunch break.

Session 3: Saturday, September 19, 12:15 - 14:00 during and after the lunch break

All posters will be available until the end of Poster Session 3 on Saturday. Presenters of posters with even numbers will be present at Poster Session 2, presenters of posters with odd numbers will be present at Poster Session 3. All presenters of posters will be present at Poster Session 1.

Thursday, September 17

12:00-19:00 Registration

13:30-13:45 Opening

13:45-14:25 Plenary Lecture I

Chair: Giovanni Marsicano

Daniele Piomelli (USA)

Unhealthy skepticism: the future of endocannabinoid-based therapeutics

14:25-18:15 Session 1: Neural Circuits (physiology and anatomy)

Chair: Istvan Katona

14:25-14:50 **Jaideep Bains** (Canada)

Non-canonical endocannabinoid signaling at hypothalamic synapses

14:50-15:15 **Raffaella Tonini** (Italy)

Synaptic endocannabinoid signaling at striatal projection pathways in the pathophysiology of motor control

15:15-15:40 **Istvan Katona** (Hungary)

Cell type-specific STORM superresolution imaging of cannabinoid signaling in brain circuits

15:40-16:05 **Daniela Cota** (France)

Novel insights on the role of the endocannabinoid system in energy balance regulation

16:05-16:30 **Tamas Horvath** (USA)

POMC neurons become orexigenic in response to CB1R activation in fed mice

16:30-17:00 Coffee Break

17:00-18:15 Selected Talks

Chair: Tiziana Rubino

17:00-17:15 **Jürg Gertsch** (Switzerland)

Peptide endocannabinoids (pepcans) – Their emerging role as endogenous allosteric CB receptor modulators

- 17:15-17:30** **Marc P. Baggelaar** (The Netherlands)
A chemical biology approach to discover selective endocannabinoid biosynthesis inhibitors
- 17:30-17:45** **Zsolt Lenkei** (France)
Actomyosin contraction mediates presynaptic long-term synaptic plasticity
- 17:45-18:00** **Arnau Busquets-Garcia** (Spain/France)
Central and peripheral cannabinoid CB1 receptors control stress-induced amnesia
- 18:00-18:15** **Carolina Muguruza** (France)
Motivated to run: the role of cannabinoid type-1 (CB1) receptors
- 18:15-19:30** **Poster session I**

Friday, September 18

- 8:30-10:10** **Session 2: Neurons, Glia and Brain Dysfunctions**
Chair: Giovanni Marsicano
- 8:30-8:55** **Thomas Nevian** (Switzerland)
Endocannabinoid mediated long-term depression at cortical synapses
- 8:55-9:20** **Alfonso Araque** (USA)
Synaptic regulation by endocannabinoids through astrocyte signaling
- 9:20-9:45** **Silvia Marinelli** (Italy)
Bimodal regulation of GABAergic signalling by cortical cannabinoid type-2 receptors
- 9:45-10:10** **Olivier Manzoni** (France)
Prefrontal endocannabinoid synaptopathies: bad food, bad mood and beyond.
- 10:10-10:40** **Coffee Break**

10:40-11:30 **Session 3: Pain**

Chair: Daniele Piomelli

10:40-11:05 David Finn (Ireland)

Pain modulation by negative affective state: role of the endocannabinoid system

11:05-11:30 Victoria Chapman (UK)

Endocannabinoid modulation of chronic pain states

11:30-12:30 **Selected Talks**

Chair: Miriam Melis

11:30-11:45 Andrea Ruiz-Calvo (Spain)

Potential neuroprotective role of specific CB1 receptor subpopulations in the mouse corticostriatal circuitry

11:45-12:00 Tiffany Desprez (France)

Mitochondrial CB1 receptors are required for amnesic effects of cannabinoids

12:00-12:15 Francesco Papaleo (Italy)

COMT modulation of long-term memory through dysregulation of the endocannabinoid system

12:15-12:30 Clémentine Bosch-Bouju (France)

Endocannabinoid-dependent plasticity is a synaptic correlate for social defeat-induced anxiety

12:30-14:30 **Lunch & Poster Session II**

14:30-16:10 **Session 4: Immune and metabolic control**

Chair: Francisco Molina-Holgado

14:30-14:55 Beat Lutz (Germany)

To be fat or not - the many faces of the CB1 receptor

14:55-15:20 Valerio Chiurchiu (Italy)

Endocannabinoid signaling in Innate and Adaptive Immunity: from basic immune control to potential treatment of chronic inflammatory diseases

15:20-15:45 Sophie Lotersztajn (France)

The endocannabinoid system in the liver: novel perspectives

Session 5: Stress, addiction and memory (Sponsored by Aelis

15:45-17:55 **Farma)**

Chair: Joseph Cheer

15:45-16:10 **Marco Pistis** (Italy)

Emerging role of N-acylethanolamines and their receptors in neuropsychiatric disorders

16:10-16:35 **Daniela Parolaro** (Italy)

Cannabis and adolescence in rodents: from behavior to epigenetics

16:35-17:05 **Coffee Break**

17:05-17:30 **Andres Ozaita** (Spain)

Targeting the endocannabinoid system for intellectual disability: clues from mouse models

17:30-17:55 **Pier-Vincenzo Piazza** (France)

From an endogenous defense to a new therapy of cannabis abuse

17:55-18:55 **IACM General Meeting**

Saturday, September 19

Business Meeting of the European Workshop on Cannabinoid Research

8:15-9:00

9:00-9:45 **Plenary Lecture II**

Chair: Giovanni Marsicano

Vincenzo di Marzo (Italy)

Endocannabinoids and cannabinoids: not just brainy but also brawny

Session 6: Cannabis-based medicines: some potential applications

9:45-12:15

Chair: Manuel Guzman

9:45-10:15 **Roger Pertwee** (UK)

New potential therapeutic applications for certain phytocannabinoids revealed by pharmacological discoveries

10:15-10:45 **Ethan Russo (USA)**
Under-investigated Indications in Cannabis Therapeutics

10:45-11:15 **Coffee Break**

11:15-11:45 **Guillermo Velasco (Spain)**
Towards the utilization of cannabinoids as anticancer agents

11:45-12:15 **Mauro Maccarrone (Italy)**
Endocannabinoid signalling at the skin/immune cell interface

12:15-14:00 **Lunch & Poster Session III**

14:00-15:00 **Selected Talks**

Chair: Kirsten Müller-Vahl

14:00-14:15 **David Baker (UK)**
VSN16R a safe, new drug to treat spasticity

14:15-14:30 **Michelle Sexton (USA)**
An international survey of medical cannabis use: use patterns and health effects

14:30-14:45 **Yuval Zolotov (Israel)**
Adherence to medical cannabis among licensed patients in Israel

14:45-15:00 **Attila Oláh (Hungary)**
Investigation of the anti-acne effects of fatty acid amide hydrolase inhibitors on human sebocytes

Session 7: Pharmaceutical perspectives of cannabinoid-based medicines

15:00-15:50
Chair: Mark Ware

15:00-15:25 **James Brodie (UK)**
Pharma perspective 1: GW Pharmaceuticals

15:25-15:50 **Tjalling Erkelens / Arno Hazekamp (The Netherlands)**
Pharma perspective 2: Bedrocan

15:50-16:20 **Coffee Break**

Session 8: Clinical and patient perspective of cannabinoid-based medicines

16:20-18:20

Chair: Roger Pertwee

16:20-16:50 William Notcutt (UK)

Clinical perspective

16:50-17:20 Mark Ware (Canada)

The Canadian experience

17:20-17:40 Ilya Reznik (Israel)

The Israeli experience

17:40-18:00 Franjo Grotenhermen (Germany)

Perspectives from a doctor's office in Germany

18:00-18:20 Alberto Sciolari (Italy)

Perspectives from an Italian patient

20:30

Gala Dinner with IACM- and Poster Award Ceremony

Abstract Book

The Abstract Book of the Cannabinoid Conference 2015 is available for download here:

<http://cannabinoidconference2015.org/media/2015/abstractbook.pdf>

You also may visit the Conference Website

www.cannabinoidconference2015.org

and click on "Home".

This year no printed version is available.

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