

# 8<sup>th</sup> European Workshop on Cannabinoid Research


University of Roehampton  
31 August – 2 September 2017

## DAY 1: THURSDAY 31 AUGUST 2017

- 11.30-12.30 Registration and lunch
- 12.30-12.45 Welcome and introduction
- 12.45-13.45 Keynote speaker: Chemical approaches for understanding the endocannabinoid system  
*Professor Ben Cravatt, Scripps Institute, USA*

## Session 1: Crosstalk between the immune system and the brain cannabinoid system

Chair: *Dr Francisco Molina-Holgado, University of Roehampton, UK*

- 13.45-14.00 Crosstalk between the immune system and the brain cannabinoid system  
*Dr Francisco Molina-Holgado, University of Roehampton, UK*
- 14.00-14.30 EPHAR Lecture: The current biomedical challenge of neurodegenerative disorders: an opportunity for cannabinoid-based therapies  
*Professor Javier Fernandez Ruiz, Universidad Complutense, Spain*
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- 14.30-15.00 Spinal cord injury and endocannabinoids  
*Dr Eduardo Molina-Holgado, National Paraplegics Hospital, Spain*
- 15.00-15.15 Oral communication
- 15.15-15.30 Oral communication
- 15.30-16.00 Tea and coffee break

## **Session 2: Endocannabinoid system in neurodevelopmental and affective disorders**

Chairs: *Dr Michelle Roche, National University of Ireland, Ireland and  
Professor Patrick Doherty, King's College London, UK*

- 16.00-16.30      CB1 cannabinoid receptors regulate cortical neuron migration: implications in neurodevelopmental malformations  
*Dr Ismael Galve Roperh, Universidad Complutense, Spain*
- 16.30-17.00      Endocannabinoid system and stress  
*Dr Matt Hill, Hotchkiss Brain Institute, Canada*
- 17.00-17.30      Regulation of endocannabinoid signaling by sterol carrier proteins  
*Professor Cecilia Hillard, Medical College of Wisconsin, USA*
- 17.30-17.45      Oral communication
- 17.45-18.00      Oral communication
- 18.00-19.30      Poster presentation and Welcome Reception

## **DAY 2: FRIDAY 1 SEPTEMBER 2017**

- 9.00-10.00      Keynote speaker: Possible use of non-psychotropic plant cannabinoids against Duchenne's muscular dystrophy  
*Professor Vincenzo di Marzo, Institute of Biomolecular Chemistry, Italy*
- 10.00-10.30      Tea and coffee break

## **Session 3: Cannabinoid uses in cardiovascular pathologies**

Chair: *Dr Saoirse O'Sullivan, University of Nottingham, UK*

- 10.30-11.00      The potential of cannabinoid-based therapies in cardiovascular disorder  
*Dr Saoirse O'Sullivan, University of Nottingham, UK*
- 11.00-11.30      Cannabinoids and hypertension  
*Dr Barbara Malinowska, Medical University of Białystok, Białystok, Poland*
- 11.30-11.45      Oral communication
- 11.45-12.00      Oral communication

**Session 4: Hot topics in cannabinoid research-breakout sessions**

Chairs: *Professor Steve Alexander, University of Nottingham, UK and  
Professor Michelle Glass, University of Auckland, New Zealand*

- 13.00-14.00          Lunch
- 14.00-15.00          Poster presentation

**Session 5: Cannabinoids and drug abuse**

Chair: *Professor Colin Davidson, St George's University of London, UK*

- 15.00-15.30          Effect of synthetic cannabinoids on the dopamine system  
*Professor Colin Davidson, UCLAN, UK*
- 15.30-16.00          Synthetic cannabis use: Views from the clinical front line  
*Dr Owen Bowden Jones, ACMD, UK*
- 16.00-16.15          Oral communication
- 16.15-16.30          Oral communication
- 16.45-17.15          Tea and coffee break

**Session 6: Non-CB1/CB2 cannabinoid receptor-related targets**

Chairs: *Professor David Baker, Queen Mary University of London, UK and  
Professor Gary Stephens, University of Reading, UK*

- 17.15-17.45          CBD in epilepsy  
*Dr Ben Whalley, University of Reading, UK*
- 17.45-18.15          GPR55 receptors  
*Dr Michael Bazetot, GW Pharmaceuticals, UK*
- 18.15-18.45          GPR55 receptors  
*Dr Andrew Irving, University College Dublin, Ireland*
- 18.45-19.00          Oral communication
- 20.00-23.00          Conference dinner

### **DAY 3: SATURDAY 2 SEPTEMBER 2017**

#### **Session 7: Pain modulation by the endocannabinoid system**

Chair: *Professor David Finn, National University of Ireland, Ireland*

- 9.00-9.30 Bone and joint problems arising from lack of repair mechanisms: can cannabinoids help?  
*Dr Katarzyna Starowicz, Institute of Pharmacology, Polish Academy of Sciences, Poland*
- 9.30-10.00 Modulation of pain by negative affective state: role of the endocannabinoid system  
*Professor David Finn, National University of Ireland, Ireland*
- 10.00-10.15 Oral communication
- 10.15-10.30 Oral communication
- 10.30-11.00 Tea and coffee break

#### **Session 8: Cannabinoids and gastrointestinal function**

Chair: *Dr Karen Wright, Lancaster University, UK*

- 11.00-11.30 Functional selectivity at the barrier, good or bad?  
*Dr Karen Wright, Lancaster University, UK*
- 11.30-12.00 N-acylethanolamines and monoacylglycerol in the intestine  
*Professor Haral Hansen, University of Copenhagen, Denmark*
- 12.00-12.15 Oral communication
- 12.15-12.30 Oral communication
- 12.30-13.30 Lunch

#### **Session 9: Anti-tumoral actions of cannabinoids**

Chair: *Dr Guillermo Velasco, Universidad Complutense, Spain*

- 13.30-14.00 Towards the utilization of cannabinoids as anticancer agents in Gliomas  
*Dr Guillermo Velasco, Universidad Complutense, Spain*
- 14.00-14.30 Anti-tumoral actions of cannabinoids  
*Professor Burkhard Hinz, Rostock University Medical Center, Rostock, Germany*

14.30-14.45	Oral communication
14.45-15.00	Oral communication
15.00-16.00	Keynote speaker: Endocannabinoids and stress: The good, bad and ugly <i>Professor Cecilia Hillard, Medical college of Wisconsin, USA</i>
16.00- 16.30	Prizes and closing remarks