

Serotonin on the 'WILD ATLANTIC WAY'

University College Cork
Ireland

15th-19th July 2018

Plenary Lecturers

Patricia Gaspar
(Paris)

Mark Geyer
(San Diego)

Kathryn Cunningham
(Texas)

Young Investigator Travel Award applications submission deadline is
Friday, December 15th 2017.

For application details contact Dr. Kelly Berg (berg@uthscsa.edu)
General registration and abstract submission open early 2018



International Society
for
Serotonin Research



List of Symposia

- Delineating the Neural Circuits Underlying Serotonin Modulation of Fear and Anxiety.
- 5-HT_{1F} Receptor Agonists, The New Kids On The Block for Antimigraine Treatment.
 - Serotonin Transport Proteins in Ecstasy: SERTS and OCTS in a Frenzy.
 - Lucky 7 (5-HT₇ Receptor): New Functions for a (relatively) New Colleague.
- Delving Deep into 5-HT Neurons: Probing Patterns and Regulation of 5-HT Transcriptomes and Translatomes.
- Improving our Understanding of Serotonin in the Neurobiology of Psychosis.
 - Towards a Multiscale, Multispecies Perspective of Serotonergic Function.
 - Serotonin, Inflammation and Behaviour.
 - The Role of Serotonin in Synaptic Structure and Plasticity.
- Multilevel Assembly of Serotonin Circuits and Its Impact on Emotional and Motivated Behaviors.
 - Serotonin Regulation of Dendritic Spines.
- Serotonin and Mental Illness: From Brain Development to Adult Dysfunction.
- Feedback Control of Serotonin in Behavior and Antidepressant Response.
- Serotonin and Autism Spectrum Disorder Hyperserotonemia and Beyond.

Special Session 1 Gut- Brain-Microbiome Axis

- Impact of Serotonin at the Microbial & Immune Interface on Gut-Brain Signalling.
 - Serotonin as a Modulator of the Gut-Brain-Microbiome Axis in Depression and other Mental Health Disorders.
- Serotonin Revisited – New Insights in Disturbed Functions in the Gastrointestinal Tract.

Special Session 2 5-HT Receptor Signaling and Heteromerization

- Novel Functional Crosstalk and Heterodimerization of Serotonin Receptors in Mood and Social Behaviour.
 - Serotonin Receptor Complexes as Key Players in CNS Function.
- Three Crucial Factors that Underpin 5-HT_{2CR} Function: Location, Location, Location.

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