

18.10.2023. WEDNESDAY

9.00-10.00

KEYNOTE LECTURE: RIADH GOUIDER

How Homozigosity impact our clinical Neurology practice (VIRTUAL)

CHAIR: Olfa Masmoudi

(Carthage I room)

PARALLEL SYMPOSIA

S41 "Preclinical and clinical novel insights on the mechanisms underlying human obesity and eating disorders" (Carthage I room)

CHAIR: Mariangela Pucci (SW), Paola Fadda (IT)

S41.1 Mariangela Pucci (Karolinska Institute, Huddinge, Sweden):

"Preclinical and clinical evidence of dopaminergic system regulation in Binge Eating"

S41.2 Maria Scherma (University of Cagliari, Italy): "Neurobiological and molecular mechanisms implicated in the development of anorexia nervosa: focus on the experimental model of Activity-Based-Anorexia (ABA)"

S41.3 Marianna Rania (University Magna Graecia of Catanzaro, Catanzaro, Italy):

"Feeding the gut, feeding the host: insights on the interplay between gut microbiome and eating behaviours in eating disorders and obesity"

S41.4 Florijan Jalsevac (Universitat Rovira i Virgili, Tarragona, Spain):

"Profile of Bitter Taste Receptors in the Jejunum of Morbid Obese Patients that undergo Bariatric Surgery"

S41.5 Bourdy Romain (CNRS/Université de Strasbourg, France):

"Endocannabinoid system regulations in the reward system in obesity and binge eating disorder"

S42 "Sensory alterations in autism: From preclinical models to human studies" (Carthage II room)

CHAIR: Ourania Semelidou (FR)

S42.1 Ryan Stevenson (Western University, London, Ontario, Canada):

"Sensory phenotypes in Autism: From neural networks to clinical profiles"

S42.2 Aline Lefebvre (Institut Pasteur, UMR 3571 CNRS, University Paris Diderot, Paris, France):

"Tackling hypo and hyper sensory processing heterogeneity in Autism: from clinical stratification to genetic pathways"

S42.3 Benjamin D. Auerbach (University of Illinois, Urbana, Illinois, USA):

"Auditory Hypersensitivity and Processing Deficits in a Rat Model of Fragile X Syndrome"

S42.4 Ourania Semelidou (Inserm, Bordeaux, France):

"Altered detection of tactile stimuli in a mouse model of autism during a translational task"

S43 "Understanding the role of neuronal integrative processing through oligomeric receptor complexes in health and brain disorders" (Carthage III room)

CHAIR: Dasiel O. Borroto-Escuela (SW)

S43.1 Fang Liu (University of Toronto, Canada):

"Dual effects of $\alpha 7$ nAChR-NR2A receptor complex on nicotine addiction and major depression"

S43.2 Ramon Fores-Pons (University of Malaga, Malaga, Spain):

"The mGlu5 receptor protomer-mediated dopamine D2 receptor trans-inhibition is dependent on the adenosine A2A receptor protomer: implications for Parkinson's disease"

S43.3 Dasiel O. Borroto-Escuela (Karolinska Institutet, Stockholm, Sweden):

"Dysfunctional serotonin heteroreceptor complexes as novel targets for the treatment of Major Depressive Disorders"

11.50-12.10

COFFEE BREAK

AWARDS & CONCLUSION

Journal Neuroscience Methods, Elsevier, CNS Neuroscience and Therapeutics
Wiley, The Receptors Springer/Nature Best Paper Awards

Olfa Masmoudi, Taoufik Ghrairi and Giuseppe Di Giovanni

(Carthage room I)

12.10-13.20