Programme

November 18, 2020 [9:30-17:00]

Link for the Meeting: https://global.gotomeeting.com/join/718303013

9:30: Opening
Paulo Oliveira

9:45 – “Methylglyoxal as a Mediator of Insulin Resistance: Novel Mechanism and Unique Target”
Casper G. Schalkwijk, Maastricht University Medical Center+, Maastricht, The Netherlands

10:45 – Short Scientific Presentations of the Groups
(2x10 min + discussion | Speakers choosed by Group Leaders)

10:45 – 11:15 - Healthy Living and Active Ageing (Monica Zuzarte Moderation)
“Mercuremory: research links between mercury neurotoxicity and adult neurogenesis” | João Malva
“Aging and allergic diseases” | Frederico Regateiro

11:15 – 11:45 - Metabolic Control (Raquel Esteves Moderation)
“Intra-dimer cooperativity during the oxidation of peroxiredoxin 2” | Armindo Salvador
“miRNAs markers of metabolic dysfunction” | Diana Santos

11:45 – 12:15 - Microbiomes, Metabolism and Omics (Manuela Ferreira Moderation)
“A computational framework towards the study of metabolic interactions of the gut microbiome and the human host in Type 2 Diabetes” | Nadine Castelhano
“Identification of compatible solutes from the metagenome of the microbial communities of two hot springs in Portugal” | Gabriela Simões

12:15 – 12:45 - Insulin Resistance and Diabetic Angiopathy (John Jones Moderation)
“Peripheral dopaminergic system: a metabolic modulator and therapeutic target” | Gabriela Tavares
“The Janus Face of chronic blueberry supplementation in healthy rats” | Sara Nunes

14:00 – 14:30 - Biology of Reproduction & Stem Cell (Mafalda Laranjo Moderation)
“Searching for novel biomarkers in unknown origin male infertility” | Sandra Amaral
“Exercise as an anti-aging strategy to prevent female reproductive decline” | Maria Soares

14:30 – 15:00 - Cellular and Translational Cardiology (Vilma Sardão Moderation)
“Myocardial infarction affects Cx43 content of extracellular vesicles secreted by cardiomyocytes” | Tania Marques
“USP8 modulates Cx43 homeostasis in endothelial cells” | Teresa Rodrigues
15:00 - 15:30 - **Cell Signaling and Metabolism in Disease** *(Paulo Matafome Moderation)*

“New BACE1 chimeric peptide inhibitors selectively prevent AβPP-β cleavage decreasing Aβ production and accumulation in AD models” | Rosa Resende

“Distinct serum-free media impact the phenotype and functional capacity of clinical-grade dendritic cells for antitumor vaccination” | João Calmeiro

15:30 – 16:00 - **Human Genome Variation and Environment in Health and Disease** *(Renata Tavares Moderation)*

“Targeted alpha therapy with Radium-223 in metastatic prostate cancer” | Ines Marques

“Sensitivity and resistance in Chronic Myeloid Leukaemia to tyrosine kinase inhibitors: insights into molecular mechanisms” | Raquel Alves

16:00 – 16:30 - **Mitochondria, Metabolism, and Disease** *(Eugénia Carvalho Moderation)*

“Role of retinoic acid signalling in innate-like T cells” | Manuela Ferreira

“Western Blot analysis of the mitochondrial transcription factor (TFam) gene in an unusual Lebr’s Hereditary Optic Neuropathy (LHON)-plus case” | Célia Gomes

16:30 – 17:00 - **Health, Management and Economics** *(Anabela Mata Pinto Moderation)*

“Fertility-related decision aid for young women with breast cancer” | Vânia Gonçalves

“Health economics evaluation: a useful tool in clinical, policy and research decision-making” | Aida Tavares

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