1stRESETageing CONFERENCE

Virtual|June11,2021|9:45H(CET)

INTRODUCTION

9:45 - 10:00 - OPENING SESSION

Cláudia Cavadas, Vice-rector of University of Coimbra
Carlos Robalo Cordeiro, Dean of Faculty of Medicine
University of Coimbra

1. CELL SENESCENCE

10:00 - 10:30 - Harnessing the rejuvenation potential of cellular reprogramming
Manuel Serrano, IRB Barcelona

10:30 - 11:00 - Heterogeneity in cellular senescence: from mechanisms to interventions
Marco DeMaria, University of Groningen

2. OMICS OF AGEING

11:00 - 11:30 - Integrative genomics of ageing: New approaches to an 'old' problem
João Pedro de Magalhães, University of Liverpool

11:30 - 12:00 - Extensive remodeling of the extracellular matrix during aging contributes to age-dependent impairments of muscle stem cell functionality
Alessandro Ori, Leibniz Institute of Ageing

Coffee Break: 10 min

3. CARDIOVASCULAR AGEING

12:10 - 12:40 - Senescence as a therapeutic target for myocardial ageing and disease
Gavin Richardson, University of Newcastle

12:40 - 13:10 - Genomic specifics of cardiac ageing
Leon Windt, University of Maastricht

13:10 - 13:40 - SARS-CoV-2 RNAemia and proteomic trajectories inform prognostication in COVID-19 patients admitted to intensive care
Manuel Mayr, King´s College London

13:40 - 14:10 - Targeted and Systemic Therapeutics for Ameliorating Age-Associated Cardiovascular Dysfunction
Jordan Miller, Mayo Clinic

14:10 - 15:00 - Lunch

4. TELOMERES AND MITOCHONDRIA DYSFUNCTION

14:30 - 14:55 - Consequences of telomere shortening for cancer and aging
Miguel Godinho, University of Nice

14:55 - 15:20 - Mitochondrial DNA mutations in ageing and cancer - What's the molecular connection?
Laura Greaves, University of Newcastle

15:20 - 15:45 - Mitochondria, telomeres and cell senescence
João Passos, Mayo Clinic

Coffee Break: 15 min

5. EMERGING CONCEPTS IN AGEING

16:00 - 16:25 - Age-dependent Cardiac Dysfunction as a Mechanical Disease
Adam Engler, University of California San Diego

16:25 - 16:50 - EV contained lipids and miRNAs are novel members of the SASP: From biomarkers to senolytics
Johannes Grillari, Ludwig Boltzmann Institute

16:50 - 17:15 - Intercellular communication via extracellular vesicles in senescence and ageing
Anna O´Loghlen, Queen Mary University

17:15 - 17:45 - Galacto-conjugation as an efficient strategy for the design of senotherapies in cancer and ageing
Daniel Munoz-Espin, UK Cambridge Center

END OF THE MEETING

REGISTRATION FORM (here)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952266.