

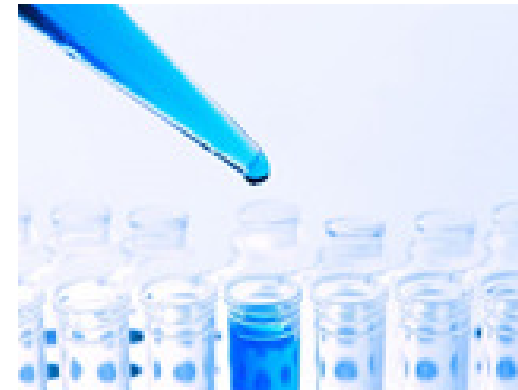


IISPV

INSTITUT
D'INVESTIGACIÓ
SANITÀRIA
PERE VIRGILI

7th IISPV SCIENTIFIC SESSION 2020

“ Trans-Omics analysis for
reconstructing global biochemical
networks”



15th Dec 2020
3.30 pm – 5.30 pm
VIRTUAL



3.30h – Welcome, **Dr. Joan Vendrell i Ortega**, IISPV Director

Chairs: Dr. Lourdes Martorell and Dr. Montse Guardiola

PhD students session

3.40h- Effect of Mediterranean diet versus nuts consumption on plasma metabolome and gut microbiota composition and their relationship with cardiometabolic health. **Serena Galié** (*Nutrition and Metabolism Unit of Human Nutrition: Prevention and Epidemiology*)

3.50h - Exploring serum metabolomics by advanced $^1\text{H-NMR}$ profiling in breast cancer patients. **Jose Adriá Cebrián** (*Lipids and Atherosclerosis Research Unit-URLA*)

4.00h - Immunometabolism is a key factor for the spontaneous loss of virological control in HIV Elite Controllers. **Jenifer Masip** (*Infection and Immunity – INIM*)

Postdoctoral researchers session

4.10h- Secretome of adipose-derived stem cells is altered in type 2 diabetic patients. **Miriam Ejarque** (*DIAMET*)

4.25h- Abnormal intercellular communication in the neurodegenerative brain and role(s) of brain extracellular vesicles in the establishment and progression of Alzheimer's disease. **Xavier Gallart** (*Genetics and Environment in Psychiatry GAP*)

Plenary session

4.40h – **Metabolomics & artificial intelligence: a step forward in the prognosis of COVID-19.** **Prof. Xavier Correig.** *Professor at University of Rovira i Virgili of Tarragona, Dep. of Electronic Engineering, Director Metabolomics Interdisciplinary Group (MiL@b), Coordinator Metabolomics Platform (CIBERDEM-IISPV-URV)*

5.30h – Closing remarks, **Dr. Elisabet Vilella**, IISPV Leadership Committee