

7th MetNet International Annual Meeting 2021 Multifaceted Metabolism in Human Disease

October 8th, Barcelona

9:00-9:15h Welcome and presentation

Session 1. Immunometabolism and metaflammation

9:15h Max Mazzone (Center for Cancer Biology, Leuven, Belgium)

Harnessing tumor metabolism to overcome immunosuppression: A novel way to enhance the success of cancer immunotherapy

9.45h Jan Van den Bosche (Amsterdam UMC, Vrije University Amsterdam)

Metabolic control of macrophages

10:15h Marta Bosch (University of Barcelona, Spain)

Mammalian lipid droplets are innate immune hubs controlling host defense and immunometabolism

10:45h Short talks from selected abstracts

11:25-12:00h Coffee break

Session 2. Neurometabolism

12h Juan Pedro Bolaños (Universidad de Salamanca, Spain)

Astrocyte-neuron metabolic coupling

12:30 Joao Duarte (Lund University, Sweden)

Impact of metabolic syndrome on brain metabolism and function

13h Francesc X. Soriano (University of Barcelona, Spain)

Regulation of neuronal metabolism by synaptic activity

13:30h Short talks from selected abstracts

14:10-15:30h Finger lunch

Session 3. Cancer Metabolism

15:30h Sara Sdelci (CRG, Spain)

The interaction between LOXL2 and BRD4 short isoform drives the expression of DREAM target genes in triple negative breast cancer

16h Cristina Muñoz-Pinedo (Idibell, Spain)

Pro-tumorigenic consequences of nutrient shortage in the tumor microenvironment

16:30h Mariia Yuneva (The Francis Crick Institute, UK)

Identifying metabolic vulnerabilities and flexibilities of tumours

17h Short talks from selected abstracts

18h Networking

Organizers

David Sebastián (IRB-CIBERDEM)

Jordi Duran (IQS-IBEC)

Carlos Sebastián (UB)