

Session 01:

11:45-12:00:

Isabel Calvo

Aging and Metabolism - Dr. Manuel Serrano Cellular Plasticity and Disease

Metabolic inputs into the transcriptional control of cellular identity and plasticity during cancer and development.

12:00-12:05

Katerina Danezi

Aging and Metabolism - Dr. Antonio Zorzano Complex Metabolic Diseases and Mitochondria

MFN2 and phosphatidylserine transport proteins: A crucial collaboration towards NASH development

12:05-12:20

Paloma Solá

Aging and Metabolism - Dr. Salvador Aznar Benitah Stem Cells and Cancer

Local IL-17 orchestrates skin aging

12:20-12:25

Vanessa Lopez

Aging and Metabolism - Dr. Manuel Serrano Cellular Plasticity and Disease

Exploring mitochondrial vulnerabilities in senescent cells

12:25-12:40

Ines Marin

Aging and Metabolism - Dr. Manuel Serrano Cellular Plasticity and Disease

Cellular senescence and adaptive immune responses

12:40-12:45

Marina Murillo Recio

Aging and Metabolism - Dr. Lluís Ribas Gene Translation Laboratory

tRNAstudio: facilitating the study of human tRNA-seq datasets

12:45-13:00

Judith Giroud

Aging and Metabolism - Dr. Manuel Palacín Amino Acid Transporters and Disease

Role of amino acid transport in HIF regulation and erythropoietin production

13:00-13:05

Indranil Singh

Aging and Metabolism - Dr. Alejo Rodriguez-Fraticelli Quantitative Stem Cell Dynamics
Cellular dynamics of non-genetic resistance mechanism in AML

Session 02:

10:00-10:15

Maria Salvany Celades

Cancer Science - Dr. Eduard Batlle Colorectal Cancer Laboratory *TGF β influences on tumor-infiltrating T cells*

10:15-10:20

Marina Bellido

Cancer Science - Dr. Antoni Riera Research Unit on Asymmetric Synthesis
Asymmetric catalysis. Development of new hydrogenation reactions and design of new P-stereogenic ligands.

10:20-10:35

Guillem Loren

Cancer Science - Dr. Antoni Riera Research Unit on Asymmetric Synthesis
Synthesis and Design of Heterobifunctional Molecules targeting Protein Degradation and Phosphorylation

10:35-10:40

Samantha Panea and Sandra Blázquez Araguás

Cancer Science - Dr. Dìrena Alonso-Curbelo Inflammation, Tissue Plasticity & Cancer
TBA

10:40-10:55

Hanna Kranas

Cancer Science - Dr. Núria López-Bigas Biomedical Genomics
Genome segmentation by DNA damage repair dynamics

10:55-11:00

Marcel McCulloch

Cancer Science - Dr. Fran Supek Genome Data Science

The Landscape of Genetic Interactions within and across DNA Repair Pathways

11:00-11:15

Laura Contreras Bernal

Contreras Bernal Instituto de Biomedicina de Sevilla

TBA

11:15-11:20

Jordi Elvira

Cancer Science - Dr. Angel R. Nebreda Signalling and Cell Cycle Laboratory

Identification of resistance and sensitizing factors to chemotherapy in TNBC using in vivo genetic screenings

Session 03:

15:00-15:15

Iván Company

Mechanisms of Disease - Dr. Francesc Posas Cell Signaling

Circadian Clock Regulation and Cell Adaptability to Stress

15:15-15:20

Anna Bartomeu

Mechanisms of Disease - Dr. Raúl Méndez Translational Control of Cell Cycle and Differentiation

Neuronal-specific microexon mis-splicing in translation regulation

15:20-15:35

Paula Bujosa Rodríguez

Mechanisms of Disease - Dr. Ferran Azorín Chromatin Structure and Function

Linker histone H1 regulates assembly and retention of chromatin-associated RNAs to prevent genomic instability

15:35-15:40

Guillem Pérez Rigau

Mechanisms of Disease - Dr. Eulàlia De Nadal (Affiliated) Cell Signaling

Towards the identification of new p38 substrates

15:40-15:55

Adrià Alcaide i Jiménez

Mechanisms of Disease - Dr. Miquel Coll Structural Biology of Protein & Nucleic Acid

Complexes and Molecular Machines

Structural analysis of virulent transcription complexes of Vibrio cholerae

15:55-16:00

Juan Carlos Nuñez Rodriguez

Mechanisms of Disease - Dr. Toni Gabaldon (Affiliated) Comparative Genomics

The weakness of newly emerging multi-drug resistant fungal pathogens.

16:00-16:15

Arnau Comajuncosa-Creus

Mechanisms of Disease - Dr. Patrick Aloy Structural Bioinformatics and Network Biology

Novel binding site descriptors built upon inverse virtual screening

16:15-16:20

Elena Fusari

Mechanisms of Disease - Dr. Marco Milán Development and Growth Control Laboratory

Segmental aneuploidies and cellular behaviors