

Conference Program

Monday, 10 May 2021

Timings in CST

- 10:00am – 10:05am** **Welcome**
- 10:05am – 10:15am** **Abcam talk**
- 10:20am – 10:40am** **Stephane Richard (McGill)**
Methylation of RGG/RG motifs: Utilization by SARS-CoV2 and deleted in an X-linked intellectual disability syndrome
- 10:45am – 11:00am** **Uta Maria Bauer (Philipps U. of Marburg)**
PRMT1 regulates the tumor suppressor p14/ARF
- 11:05am – 11:20am** **Virginia Giuliani (MD Anderson)**
Targeting RNA metabolism and DNA damage response through inhibition of arginine methyltransferase 1 in pancreatic ductal adenocarcinoma
- 11:25am – 11:40am** **Margarida Santos (MD Anderson)**
CARM1 in B cell Lymphoma: mechanism, biomarkers and targeting
- 11:45am – 12:00pm** **Yanzhong (Frankie) Yang (City of Hope)**
Expanding the role of arginine methylation in RNA metabolism
- 12:05pm – 12:20pm** **Wei Xu (University of Wisconsin)**
BAF155 arginine methylation drives breast cancer metastasis
- 12:25pm – 12:40pm** **Y. George Zheng (University of Georgia)**
The Macromolecular Contexts Alter Histone Arginine Methylation Activity of Protein Arginine Methyltransferases
- 12:45pm – 1:15pm** **Ernesto Guccione (Icahn School of Medicine at Mount Sinai)**
PRMT Inhibitors: Clinical Relevance and Molecular Mechanisms
- 1:15pm – 1:20pm** **Closing**

Tuesday, 11 May 2021

- 10:00am – 10:05am** **Welcome**
- 10:05am – 10:15am** **Abcam talk**
- 10:20am – 10:35am** **Pedro Beltran-Alvarez (University of Hull, UK)**
Opportunities for research on arginine methylation in the context of cardiovascular disease
- 10:40am – 10:55am** **Tobias Madl (University of Graz, Austria)**
Global analysis of protein arginine methylation
- 11:00am – 11:15am** **Muriel Le Romancer (Cancer Research Center of Lyon)**
PRMT5 involvement in the transcriptional regulation of ER α in response to tamoxifen in breast cancer
- 11:20am – 11:35am** **David Shechter (Albert Einstein)**
Regulation of Co- and Post-Transcriptional RNA Splicing by PRMTs
- 11:40am – 11:55pm** **Steve Vokes (University of Texas at Austin)**
PRMT5-dependent regulation of articular cartilage development and homeostasis
- 12:00pm- 12:15pm** **Jian Xu (USC)**
PRMT4-Runx2 signaling regulates osteoprogenitor migration and matrix formation
- 12:20pm – 12:50pm** **Clare Davies (University of Birmingham)**
Arginine methylation: exploiting roles in DNA repair for therapeutic intervention
- 12:55pm – 1:00pm** **Closing**