



TranStem

Varna Symposium on “Epigenetics and Signaling in Stem Cells”

under TranStem project - funded by the European Union under Grant Agreement number:
856871 — TRANSTEM — H2020-WIDESPREAD-2018-2020/ H2020-WIDESPREAD-2018-04

Where: Virtual

When: Friday 16 April – Saturday 17 April 2021

Program:

Friday 16 April: Embryonic and Adult Pluripotent Stem Cells

11h50 - Introductory remarks – Manlio Vinciguerra (Chairman)

12h00-12h40 - Luciano Di Croce, CRG Barcelona

Title: Epigenetic regulation of adult stem cells and cancer cells

12h50-13h30 - Yaser Atlasi, Queen University of Belfast

Title: Shaping the enhancer-landscape downstream of cell signaling in pluripotent stem cells

13h40-14h20 - Vladimir Rotrekl, Masaryk University - Brno

Title: HIF-1 and MAPK driven metabolic modulation of human pluripotent stem cells' epigenome

14h30-15h10 - Giancarlo Forte, International Clinical Research Center (ICRC) - Brno

Title: Understanding pathological mechanosensing to counteract diseases

15h20-16h00 - Manlio Vinciguerra, ERA Chair TRANSTEM

Title: Histone variant macroH2A1.1 enhances non-homologous end joining-dependent DNA double-strand-break repair and reprogramming efficiency of human iPSC

16h10-16h50 - David Hay, The University of Edinburgh

Title: Building human liver tissue from pluripotent stem cells

17h00 - Closing remarks - Manlio Vinciguerra (Chairman)

Saturday 17 April: Adult Cell Stemness and Plasticity

10h20 - Introductory remarks - Manlio Vinciguerra (Chairman)

10h30-11h10 - Oxana Bereshchenko, University of Perugia

Title: Pathways controlled by glucocorticoids in hematopoietic stem cells

11h20 – 12h00 - Anton Tonchev, MU-Varna

Title: Transcriptional profiles of cells in the adult primate neurogenic niches after cerebral ischemia

12h10-12h50 - Igor Resnick, MU-Varna

Title: Biological properties of MSC and their use in BMT setting

13h-13h40 - Benoit Gauthier, CABIMER, Sevilla, Spain

Title: Immune Coupled Trans-Regeneration for the Treatment of Autoimmune Diseases

13h50-14h30 - Tania Roskams, University of Leuven

Title: The human liver progenitor cell niche in regeneration and cancer

14h40 - Closing remarks - Manlio Vinciguerra (Chairman)