Nikola Škreb Symposium: „New platforms in developmental biology- towards the clinical application“

November 29th-30th, School of Medicine, University of Zagreb, Zagreb, Croatia

Organizing Committee: F. Bulić-Jakuš, D. Solter, D. Ježek
University of Zagreb, School of Medicine, Department of Medical Biology, Zagreb, Croatia
Centre of Excellence for Reproductive and Regenerative Medicine, School of Medicine, University of Zagreb, Zagreb, Croatia

Thursday, November 29th, 2018. Čačković Hall

10.00.-10.30.
Davor Ježek, *Vicedean, School of Medicine University of Zagreb, Croatia*
Floriana Bulić-Jakuš, *Head, Department of Medical Biology, School of Medicine University of Zagreb, Croatia*
„Our teacher Nikola Škreb”

10.30.-11.15.
Davor Solter, *Emeritus Max Planck Director, Germany; School of Medicine University of Zagreb, Croatia*
„Epigenetic mechanisms controlling early mammalian development“

Cofee break

11.45.-12.30.
Zdenko Herceg, *Section and Group Head, Epigenetics Group, IARC, Lyon, France*
„Epigenome deregulation in cancer: identifying epigenetic drivers on the road to malignancy”

12.30.-13.15.
Floriana Bulić-Jakuš, *Professor, School of Medicine, CERRM, Zagreb, Croatia*
„Mammalian embryo/teratoma *in vitro* and therapeutic agents“
Ana Katušić Bojanac, *Assistant Professor, School of Medicine, CERRM, Zagreb, Croatia*
„Limb bud development and teratogenesis: in vivo/in vitro“

Lunch

14.00.-14.45.
Nino Sinčić, *Assistant Professor, School of Medicine, CERRM, Zagreb, Croatia*
„Testicular germ cell tumors: from mice to men“
Ljiljana Šerman & Valentina Karin Kujundžić, *Professor& assistant, School of Medicine, CERRM, Zagreb, Croatia*
„Authentic *vs*. imitation: trophoblast *vs*. tumor”

14.45.- 15.30.
Srećko Gajović, *Professor, School of Medicine, Zagreb, Croatia*
„*In vivo* visualisation of developmental markers in evaluation of mouse brain repair after ischemic lesion“
Dinko Mitrečić, *Associate Professor, School of Medicine, Zagreb, Croatia*
„Influence of hypoxia on behavior of developing neural precursors“

15.30.-16.30.
Poster section

Friday, November 30th, 2018. Čačković Hall

10.00.-10.45.
Frederic Berger, *Senior Group Leader, Gregor Mendel Institute of Molecular Plant Biology GmbH, Vienna, Austria*
„Variants of Histone H2A as guardians and organizers of the genome structure and functions”

10.45.-11.30.
Barbara Knowles, *Emerita Professor, The Jackson Laboratory, USA*
„The New Biomedicine“

Cofee break

12.00.-12.30.
Davor Ježek, *Professor, School of Medicine, CERRM, Zagreb, Croatia*
„Human testis: from development to clinics“

12.30.-13.15.
Charles A. Easley, *Assistant Professor, University of Georgia College of Public Health, Athens, USA*
„Using an *in vitro* Spermatogenesis Platform to Model Male Factor Infertility and to Develop Novel Stem Cell-based Therapies”

Lunch

14.00.-14.45.
Aleš Hampl, *Professor, Masaryk University, Faculty of Medicine, Brno, Czech Republic*
„Early Lung Epithelial Progenitors Originating from Human Pluripotent Stem Cells”

14.45.-15.30.
Slobodan Vukičević, *Professor, School of Medicine, CERRM, Zagreb, Croatia*
„Autologous Bone Graft Substitute for regeneration of bone in men“
Lovorka Grgurević, *Professor, School of Medicine, CERRM, Zagreb, Croatia*
„OSTEOproSPINE: A novel therapy for lumbar back pain in patients with degenerative disc disease“

15.30.-16.30.
Poster section

FREE ENTRANCE

Invitation for participation and Call for abstracts (250 words) - poster presentation - please send to floriana@mef.hr. Deadline **November 1st, 2018**.
No participation fee. Accomodation at the School of Medicine Dormitories or Hotels (travel and accomodation costs paid by participants).

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