The power of the placenta: knowledge and therapy

Abstracts:

High Density Lipoprotein: composition and function in patients with Gestational Diabetes Mellitus
Yael Pasternak12, Tal Biron-Shental12, Yael Einbinder23, Meital Ohana1, Nissim Arbib12, Sydney Benchetrit23, Tali Zitman-Gal23
1Depart. of Obstetrics and Gynecology, Meir Medical Center, Kfar Saba, Israel, 2Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
3Depart. of Nephrology and Hypertension, Meir Medical Center, Kfar Saba, Israel

Alterations of immature myeloid cell populations in human pregnancies complicated by preeclampsia
Ola Gutzeit, Linoy Segal, Yuval Ginsberg, Ron Beloosesky, Zeev Weiner, Ofer Fainaru
Depart. of Obstetrics and Gynecology, Rambam Medical Center, Haifa, Israel

Inferring the origins of cord blood cell-free dna using tissue-specific methylation patterns: a window into perinatal tissue dynamic
Ori Fridlich1, Agnes Klochendler1, Sorina Grisaru-Granovsky2, Shai Porat3, Noa Ofek Shlomai4 Benjamin Glaser4, Ruth Shemer1, Yuval Dor1
1Depart. of Developmental Biology and Cancer Research, The Institute for Medical Research Israel-Canada, The Hebrew University-Hadassah Medical School, Jerusalem. 2Division of Maternal Fetal Medicine, Shaare Zedek Medical Center Jerusalem. 3Depart. of Obstetrics and Gynecology, Hadassah-Hebrew University Medical Center. 4Depart. of Neonatology, Hadassah-Hebrew University Medical Center, Jerusalem. 5Endocrinology and Metabolism Service, Hadassah-Hebrew University Medical Center, Jerusalem

GUEST LECTURE

Micha Drukker PhD
The Induced Pluripotent Stem Cell Unit, Helmholtz Center, Munich, Germany
Regulation of human trophoblast progenitor differentiation

09:15-10:00
GUEST LECTURE

Yossi Buganim PhD
Developmental Biology&Cancer Research
The Institute For Medical Research, Israel-Canada
Hadassah-Hebrew University Medical Center, Jerusalem, Israel
Exploiting nuclear reprogramming techniques to study the first cell fate decision of the early embryo

Abstracts:

Novel Decidual Immune Cell Subsets Are Revealed Through Single Cell RNA-seq
Adam Jelinski1, Shuang-Yin Wang1, Moriya Gamliel2, Naama Elefant1, Debra Goldman-Wohl2, Ronit Gilad2, Yishai Sompolinsky2, Ofer Mandelboim2, Simcha Yagel2, Ido Amit1.
1Weizmann Institute of Science, Rehovot, Israel, 2Hadassah-Hebrew University Medical Center, Jerusalem, Israel.

Modeling oxygen transport in the human placenta
Romina Plitman Mayo1,2 Steve Charnock-Jones,2 Michelle Oyen,2 and Graham Burton2
1Dept. of Mechanical Engineering, Tel Aviv University, Israel
2Centre for Trophoblast Research, University of Cambridge, UK

Is there a sex specific difference in placental pathology of pregnancies complicated with small for gestational age?
Liliya Tamayev1, Letizia Schreiber2, Jacob Bar1, Michal Kovo1
Dept. ObGyn1 & Pathology 2, Wolfson Medical Center, Holon, Israel affiliated with Sackler Faculty of Medicine, Tel Aviv University

GUEST LECTURE

Oren Caspi MD
Rambam Health Care Campus, the Rappaport Faculty of Medicine, Technion, Haifa, Israel
Human pluripotent stem cells derived cardiomyocytes as a model for genetic and acquired cardiac diseases
Abstracts

Effects of valproic acid on the human placental barrier: gene panel analysis

Nino Tetro1, Tal Imbar2, Debra Wohl3, Iris Eisenberg2, Simcha Yagel2, Miriam Shmuel1, Sara Eyal1

1Institute for Drug Research, School of Pharmacy, The Hebrew University of Jerusalem, Jerusalem, Israel. 2The Magda and Richard Hoffman Center for Human Placenta Research, Hadassah Hebrew University Medical Center, Jerusalem, Israel

Molecular pathways of senescence regulate placental structure and function

Hilah Gal1, Marina Lysenko, Sima Stroganov, Ezra Vadai, Sameh Youssef, Keren Tzadkevitch-Geffen, Ron Rotkopf, Tal Biron-Shental, Alain de Bruin, Michal Neeman2 and Valery Krizhanovsky1

Departs. of Molecular Cell Biology1, Biological Regulation2 and Bioinformatics and Biological Computing Unit5 The Weizmann Institute of Science; Depart. of Pathobiology, Faculty of Veterinary Medicine5, Utrecht University, The Netherlands; Depart. of Obstetrics and Gynecology, Meir Medical Center4. Depart. of Pediatrics, Division of Molecular Genetics6, University of Groningen, Groningen, The Netherlands

13:00-13:30

הכרזה על נבחרי וועד החברה לחקר השליה

הכרזה על נבחרי וועד השיפוט: נבחרי וועדת השיפוט: פרופ' ארנון סמואלוב, וד"ר לטיציה שרייבר

בברכה

הברİR

פרופ' ארנון סמואלוב

פרופ' טל בירון-שנטל

פרופ' עופר פאינרו

כיהוןrawler