

הכנס השנתי התשיעי של האגודה הישראלית לחקר השליה

The power of the placenta: knowledge and therapy

אולם 'מועדון הסגל' בפקולטה לחקלאות, רחובות

ביום שלישי 27.11.2018, י"ט כסלו תשע"ט

תכנית הכינוס:

08:00	התכנסות, רישום ובחירות לוועד החברה
08:20-08:30	דברי פתיחה: פרופ' סורניה גריסרו- גרנובסקי, יו"ר החברה הישראלית לחקר השליה
08:30-10:00	מושב א-יו"ר: פרופ' סורניה גריסרו גרנובסקי, ד"ר טל רז

Abstracts:

Novel Decidual Immune Cell Subsets Are Revealed Through Single Cell RNA-seq

Adam Jelinski, MSc¹, Shuang-Yin Wang, PhD¹, Moriya Gamliel, PhD², Naama Elefant, MD, PhD¹, Debra Goldman-Wohl, PhD², Ronit Gilad, MD², Yishai Sompolinsky, MD, MPH², Ofer Mandelboim, PhD², Simcha Yagel, MD², Ido Amit, PhD¹.

¹Weizmann Institute of Science, Rehovot, Israel, ²Hadassah-Hebrew University Medical Center, Jerusalem, 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 Klochender¹, Sorina Grisar-Granovsky², Shai porat³, Noa Ofek Shlomai⁴ Benjamin Glaser⁵, 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

09:15-10:00

GUEST LECTURE

Micha Drukker PhD

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

הפסקת קפה

10:00-10:15

מושב ב'- יו"ר: פרופ' טל בירון-שנטל, ד"ר דבורה וואהל 10:15-12:30

10:15-11:00

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:

11:00-11:45

Modeling oxygen transport in the human placenta

Romina Plitman Mayo^{1,2}, 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

High Density Lipoprotein: composition and function in patients with Gestational Diabetes Mellitus

Yael Pasternak MD^{1,2}, Tal Biron-Shental MD^{1,2}, Yael Einbinder MD^{2,3}, Meital Ohana MSc³, Nissim Arbiv MD^{1,2}, Sydney Benchetrit MD^{2,3}, Tali Zitman-Gal PhD^{2,3}

¹Dept. of Obstetrics and Gynecology, Meir Medical Center, Kfar Saba, Israel, ²Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

³Dept. of Nephrology and Hypertension, Meir Medical Center, Kfar Saba, Israel

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 & Pathology², Wolfson Medical Center, Holon, Israel affiliated with Sackler Faculty of Medicine, Tel Aviv University

הפסקת צהריים וסיום בחירות 11:45-12:30

מושב ג'- יו"ר: פרופ' מיכל קובו, פרופ' עופר פאינרו 12:30-13:45

12:30-13:15

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



13:15-13:45

Abstracts**Effects of valproic acid on the human placental barrier: gene panel analysis****Nino Tetro**¹, Tal Imbar², Debra Wohl², Iris Eisenberg², Simcha Yagel², MiriamShmuel¹, Sara Eyal¹¹*Institute for Drug Research, School of Pharmacy, The Hebrew University of Jerusalem, Jerusalem, Israel.* ²*The 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 Gal**,¹ Marina Lysenko,² Sima Stroganov,¹ Ezra Vadai,¹ Sameh Youssef,^{3,6} Keren Tzadikvitch-Geffen,⁴ Ron Rotkopf,⁵ Tal Biron-Shental,⁴ Alain de Bruin,^{3,6} Michal Neeman² and Valery Krizhanovsky¹*Departs. of Molecular Cell Biology*¹, *Biological Regulation*² and *Bioinformatics and Biological Computing Unit*⁵ *The Weizmann Institute of Science*; *Dept. of Pathobiology, Faculty of Veterinary Medicine*³, *Utrecht University, The Netherlands*; *Dept. of Obstetrics and Gynecology, Meir Medical Center*⁴. *Dept. of Pediatrics, Division of Molecular Genetics*⁶, *University of Groningen, Groningen, The Netherlands***13:45 - הכרזה על נבחרי וועד החברה לחקר השליה ע"י חברי וועדת השיפוט:
פרופ' ארנון סמואלוב, וד"ר לטיציה שרייבר****בברכה****חברי הוועד החברה לחקר השליה:
פרופ' סוריינה גריסרו- גרנובסקי יו"ר
פרופ' מיכל קובו
פרופ' טל בירון- שנטל
ד"ר טל רז
פרופ' עופר פאינרו**