Tuesday, April 13, 2010

08:00-09:00  **Registration, Refreshments & Exhibition Tour**

09:00-10:30  **Hall A - Oral Presentation**  
**Session No. 1 - Hormones, Reproduction & Cancer**  
Chairpersons: Nava Dekel, Ruth Shalgi

09:00  Alternative splicing of lysyl oxidase-like 4 in ovarian carcinoma  
Shulamit Baror-Sebban, Regina Golan-Gerstl, Rotem Karni, Ben Davidson, Reuven Reich

09:15  Preclinical analysis of IGF-IR antibody MK-0646 in endometrial cancer  
Conny Bitelman, Rive Sarfstein, Zohar Attias, Ami Fishman, Ilan Bruchim, Haim Werner

09:30  Transcriptional regulation of gonadotropin genes by GnRH through its effects on histone H3 methylation and phosphorylation  
Andrea Wijeweera, Philippa Melamed

09:45  Sustained activity of the EGF receptor Is an absolute requisite for LH-Induced oocyte Maturation and cumulus expansion  
Judith Elbaz, Yitzhak Reizel, Nava Dekel

10:00  The Indispensable role of ROS in ovulation  
Ketty Shkolnik, Ari Tadmor, Nava Nevo, Dalia Galiani, Shifra Ben-Dor, Nava Dekel

10:15  Designing long acting analogs of glycoprotein hormones using site-directed mutagenesis and gene transfer  
Fuad Fares, Avri Havron, Eyal Fima

10:30  A novel mutation in GPR54/Kiss-1R leads to GnRH resitants hypogonadotropic hypogonadism in a highly consanguineous family  
Galia Gat-Yablonski, Revital Nimri, Yael Lebenthal, Meytal Bar, Nicolas de Roux, Moshe Phillip

09:00-10:30  **Hall B - Oral Presentation**  
**Session No. 2 - Clinical Diabetes/Thyroid/Adrenal**  
Chairpersons: Anat Tzur, Ishay Avraham

09:00  Early metabolic effects of bariatric surgery in type II diabetic patients  
Pinchas Klein, Marwan Zoabi, Nasser Sakran, Sigal Liverans Taub, Zuhdi Agbaria, Liana Tripto-Shkolnik, Anat Jaffe

09:15  Cortisol, but not ACTH/CRH, increases circulating ghrelin in man  
Ibrahim Azzam, Rona Limor, Naftali Stern, Yona Greenman
09:30 The coexistence of TSH receptor and thyroperoxidase mutations in the same kindred
Yardena Tenenbaum-Rakover, Marla Barkoff, Dalasdh Cautar, Mia Weiss, Osnat Admoni, Samuel Refetoff

09:45 Impact of pregnancy on outcome and prognosis of survivors of differentiated thyroid cancer - Clinical Prize

10:00 Radioiodine therapy for graves' disease is associated with increased rate of the metabolic syndrome
Elena Izkhakov, Etty Osher, Marianna Yaron, Karen Tordjman, Yona Greenman, Galina Shenkerman, Yana Trostanetsky, Jessica Sack, Ibrahim Azzam, Maya Ish-Shalom

10:15 Prognostic value of post thyroidectomy thyroglobulin levels in patients with differentiated thyroid cancer
Arik Polachek, Dania Hirsch, Gloria Tzvetov, Joelle Singer, Ilana Slutski, Simona Grosinsky, Ruth Weinstein, Ilan Shimon, Carlos Benbassat

10:30 Papillary microcarcinoma of the thyroid

09:00-10:30 Hall C - Oral Presentation
Session No. 3 - Bone/Vitamin D
Chairpersons: Iris Vered, Rivka Dresner-Pollak

09:00 A new form of autosomal recessive hypophosphatemic rickets is associated with an inactivation mutation in the ENPP1 gene
Eli Hershkovitz, Varad Levy-Litan, Luba Avizov, Neta Lевenthal, Dani Bercovich, Vered Chalifa-Caspi, Esther Manor, Sophia Buriakovsky, Yair Hadad, James Goding

09:15 The magic of replacement therapy – treating severe hypoparathyroidism with continuous infusion of PTH 1-34
Dalit Modan-Moses, Danny Lotan, Batia Weiss, Iris Vered, Ron Loewenthal, David Gillis, Orit Pinhas-Hamiel, Yair Anikster

09:30 The impact of increase in effective osteoporosis drugs availability on the incidence of osteoporotic fractures in the Negev population
Yair Liel, Vitaly Medvedovsky
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairpersons</th>
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<tbody>
<tr>
<td>09:45</td>
<td>Post Fracture osteoporosis treatment program, is it efficient?</td>
<td>Marina Nodelman, Sophia Ish-Shalom</td>
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<td>10:00</td>
<td>Osteoprotegerin as an independent marker of subclinical atherosclerosis in osteoporotic postmenopausal women</td>
<td>Margarita Mashavi, Mona Boaz, Marina Shargorodsky</td>
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<td>10:15</td>
<td>Bone turnover markers in the follow-up of bisphosphonate treated osteoporotic patients</td>
<td>Raya Gendelman, Zila Shen-Orr, Elena Segal, Marina Nodelman, Sophia Ish-shalom</td>
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<td>10:30</td>
<td>Sirtuin 1 (sirt1) is a regulator of marrow adipogenesis</td>
<td>Hanna Artsi, Einav Cohen-Kfir, Eva Abramovitz, Avi Levin, Rivka Dresner-Pollak</td>
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10:45-11:15 Refreshments & Exhibition Tour

11:15-12:15 Hall A
Session No. 4 - Keynote Lecture
Chairpersons: Naftali Stern, Alon Chen

11ß-hydroxysteroid dehydrogenase type 1 as a cause of and target for metabolic syndrome and age-related cognitive impairment: hope or hype?  
Jonathan R Seckl, Endocrinology Unit, Centre for Cardiovascular Sciences, Queens’ Medical Research Institute, Edinburgh EH16 4TJ, UK

12:15-13:00 Hall B
Session No. 5 - Students: Job options

12:15-13:00 Hall A
Session No. 6 - General Assembly

12:45-13:30 Lunch & Exhibition Tour

13:30-15:00 Foyer - Guided Poster Presentation
Session No. 7 - Diabetes, Obesity & Atherosclerosis
Chairpersons: Bejamin Glaser, Zaki Kraiem

- The effect of ERα and ERβ specific agonists on cell proliferation and energy metabolism in human vascular smooth muscle cells  
  Dalia Somjen, Orli Sharon, Esther Knoll, Meital Grafi-Cohen, Naftali Stern

- The role of PERK in the regulation of beta-cell function and survival in type 2 diabetes  
  Etti Bachar, Yafa Ariav, Erol Cerasi, Nurit Kaiser, Gil Leibowitz
• AHNAK gene silencing increases Glut4 gene expression and translocation in skeletal muscle-derived L6 cells
  **Dafna Ben-Yosef**, Michal Armoni, Chave Harel, Eddy Karnieli

• Development of therapeutic cellular products for the treatment of diabetes-related complications
  **Yael Porat**, Michal Perl-Yaffe, Chana Wiess, Florina Vaisbein, Shlomo Bulvik

• Preparation and characterization of recombinant N82K human leptin, a naturally occurring obese-phenotype-inducing mutation in human leptin gene
  **Leonora Niv-Spector**, Michal Yacobovitz, Asaf Grupi, Arieh Gertler

• The incidence of Type 1 diabetes (T1D) in Israeli children following the second Lebanon war: A population-based study
  **Amnon Zung**, The Israel IDDM Registry Study Group (IIRSG)

• Clinical effects of moderately intensive glycemic control after cardiac surgery
  **Ela Raizman**, Benjamin Glaser, Itamar Raz, Oz Shapira, Gil Leibowitz

• Stress hyperglucemia and Mody 2
  **Tal Oron**, Galia Gat-Yablonski, Moshe Phillip, Yael Gozlan

• Permanent neonatal diabetes due to an INS gene mutation
  **Yael Levy-Shraga**, Ellard Sian, Kineret Mazor-Aronovitch, Dalit Modan-Moses, Orit Pinhas-hamiel

• Does prolonged aldosterone blockade affect adversely glucose control and arterial properties in type 2 diabetic patients?
  **Marina Shargorodsky**, Relu Cernes

• The timing of nephrology referral and long-term survival of new dialysis patients with diabetes
  **Noa Berar Yanay**, Lubov Scherbakov, David Sachs, Nana Peleg, Yaakov Slobodkin, Regina Gershkovitz

• A novel mutation in the EIF2AK3 gene in a Palestinian family with Wolcott-Rallison Syndrome
  **Abdulsalam Abu-Libdeh**, Bassam Abu-Libdeh

• Celiac in type 1 diabetes subjects - prevalence, metabolic control and growth parameters
• Efficacy and safety of DBCare, a food supplement, in patients with type 2 diabetes mellitus and inadequate glycemic control: A randomized, double-blind, placebo-controlled trial
  Pnina Rotman-Pikielny, Rosane Ness-Abramof, Gideon Charach, Alexander Roitman, Yair Levy

• Relative expression of the mutant transcript determines clinical phenotype in family with dominant ABCC8 mutation and severe neonatal hyperinsulinism
  Carmit Ziv, Ruth Shemer, Qing Zhou, Feifei Yan, Sharona Tunovsky-Babaey, Showling Shyng, Benjamin Glaser, David H. Zangen

13:30-15:00  
**Foyer - Guided Poster Presentation**  
**Session No. 8 - Reproduction and Puberty**  
Chairpersons: Carlos Benbassat, Ronnie Barkey

• Mitochondria-to-nucleus cross-talk: Upregulation of mitochondrial protease transcription by ‘protein stress’ in steroid making cells
  Assaf Bahat, Joseph Orly

• Effect of sperm ligands on forward motility, hyperactivation and acrosome reaction, via ERK-mediated cascade
  Gili Band, Tal Almog, Nir Etkovitz, Fiorenza Pshshedziki, Igael Madgar, Haim Breitbart, Zvi Naor

• Molecular pathways leading to GnRH-induced cell proliferation and death in gonadotropes
  Dana Savulescu, Philippa Melamed

• Sphingosine kinase is not upregulated by GnRH or its analogues
  Hadas Cohen, Ilan Calderon, Martha Dirnfeld, Orli Turgeman, Israel Blumenfeld, Erica Hoffer, Zeev Blumenfeld

• The roles of MAPK in human sperm functions
  Tal Almog, Nir Etkovitz, Haim Breitbart, Zvi Naor

• The role of FYN kinase in the release from metaphase in Mammalian oocytes
  Mattan Levi, Bernard Maro, Ruth Shalgi

• Deciphering the luteal transcriptome: Insights into possible mechanisms regulating corpus luteum regression
  Heli Buchnik, Mohan Mondal, Eyal Kliipper, George W. Smith, Rina Meidan
• Elucidation of mechanisms of the reciprocal cross-talk between gonadotropin-releasing hormone (GnRH) and prostaglandin receptors
  Boris Shterental, Michal Naidich, Ran Furman, Zvi Naor

• Sibling affinity and environmental influences on the infancy-childhood transition age population-based sample of Israeli infants
  Alina German, Sergey Ermakov, Inga Peter, Gregory Livshits, Ze'ev Hochberg

• Pelvic ultrasound in girls with precocious puberty is a useful adjunct in diagnosis and therapy monitoring
  Liat de Vries, Moshe Phillip

• The protective effect of GnRH-a against chemotherapy associated ovarian failure in stem cell transplantation [SCT]
  Biren Patel, Tsila Zuckerman, Ronit Leiba, Zeev Blumenfeld

• Correlations between pre- and postnatal measurements of penile and clitoral size
  Naomi Weintrob, Yoram A. Bental, Meir Weisbrot, Yacov Shiff, Ori Eyal, Reuven Sharony

• 46, XX infant (SRY-Negative) with bilateral ovotestis, is there a causing gene?
  Abdulsalam Abu-Libdeh, Bassam Abu-Libdeh, David Zangen

15:00-17:00  Hall B - Symposium
Session No. 9 - MicroRNAs in Endocrinology
Chairpersons: Haim Werner, Noam Shomron

• Gene regulation by microRNAs in cellular systems
  Noam Shomron, Sackler School of Medicine, Tel-Aviv University

• Loss of miRNA activity in adult beta cells causes overt diabetes
  Eran Hornstein, Department of Molecular Genetics, Weizmann Institute of Science, Rehovot

• microRNAs and estrogen regulation
  Esther Lubzens, Israel Oceanographic and Limnological Institute

• microRNAs in the growth plate in nutritional induced growth changes
  Galia Gat-Yablonski, Schneider Children’s Medical Center
15:00-17:00 Hall A - Symposium
Session No. 10 - "Diabetes Mellitus type II – Hot issues"
Chairpersons: Joel Singer, Ilan Shimon

- CV safety of anti diabetic drugs: Review of literature and ongoing studies
  Hila Knobler, Kaplan Medical Center, Rehovot

- Glucokinase – a novel therapeutic target for type 2 diabetes Mellitus
  Benjamin Glazer, The Service for Endocrinology, Hadassa Medical School, The Hebrew University, Jerusalem

- The role of Bariatric surgery in DMT2 treatment Israel 2009
  Gabriella Liberman, The Institute of Endocrinology, Sheba Medical Center

- SGLT Inhibitors in the treatment of diabetes: An overview
  Joanne Waldstreicher J&J Chief Medical Officer

Wednesday, April 14, 2010

08:00-09:00 Registration, Refreshments & Exhibition Tour

09:00-10:45 Hall B - Oral Presentation
Session No. 11 - Signaling
Chairpersons: Yitzhak Koch, Zvi Naor

09:00 Sirt1 is a regulator of osteoblastogenesis and bone mass
Einav Cohen-Kfir, Avi Levin, Eva Abramowitz, Hanna Artsi, Rivka Dresner-Pollak

09:15 Truncated beta epithelial sodium channel (ENaC) subunits responsible for multi-system pseudohypoaldosteronism support partial activity of ENaC
Oded Edelheit, Israel Hanukoglu, Yafit Shriki, Nathan Dascal, David Gillis, Aaron Hanukoglu

09:30 Expression of micro RNA 21 in mammary stem cells is controlled by cytokine-STAT5 signaling
Avi Shamay, Yonatan Feuermann, Peter Klover, Daisuke Yamaji, Gertraud W. Robinson, Lothar Hennighausen

09:45 Calcitriol stabilizes cyclooxygenase-2 mRNA in epidermal keratinocytes
Ohad Shenker, Amiram Ravid, Ruth Koren
10:00 Extracellular signal-regulated kinase (ERK) and Jun N-terminal kinase (JNK)
Liat Rahamim-Ben Navi, Masha Dobkin-Bekman, Ludmila Sviridonov, Fiorenza Przedecki, Michal Naidich, Zvi Naor

10:15 PPARα regulates systemic blood pressure by modulating the central Renin-Angiotensin System (RAS) predominantly through renin expression
Karen Tordjman, Michal Vechoropoulos, Alex Litvak, Jessica Sack, Naftali Stern

10:30 Tumor necrosis factor-α Promotes muscle IRS-1 serine phosphorylation by a novel mechanism and adiponectin suppresses this phosphorylation
Yafit Yochananov, Rina Hemi, Hannah Kanety

09:00-10:45 Hall A - Oral Presentation
Session No. 12 - Endocrine Genetics & Neuroendocrinology
Chairpersons: David Gross, Naomi Weintrob

09:00 A novel loss of function mutation in otx2 is associated with phenotypically variable anophthalmia and isolated growth hormone deficiency
Galia Gat-Yablonski, Liat Ashkenazi-Hoffnung, Yael Lebenthal, Alexander W. Wyatt, Nicola K Ragge, Sumito Dateki, Maki Fukami, Tsutomu Ogata, Moshe Phillip

09:15 Familial isolated hypogonadotropic hypogonadism caused by a novel homozygous mutation in a splice site of the GPR54 Gene
Maha Abdulhadi-Atwan, Pinchas Renbaum, Hila Friedman, Sharon Zeligson, Efrat Levy-Lahad, David Haim Zangen

09:30 Preimplantation genetic diagnosis (PGD) for inherited endocrine diseases: An ounce of prevention is worth a pound of cure

09:45 Multiple endocrine neoplasia type 1 (MEN-1), The Hadassah - Hebrew University Medical Center experience
Sameer Kassem, Benjamin Glaser, Dganit Barak, Merav Fraenkel, David Gross

10:00 Congenital IGF-I deficiency protects from cancer development - additional support
Rachel Steuerman, Orit Shevah, Zvi Laron

10:15 Peptide receptor radioligand therapy (PRRT) is an effective treatment for the long-term stabilization of malignant gastrinomas
Simona Grozinsky-Glasberg, Dganit Barak, Merav Fraenkel, Jan Müeller, Ilan Shimon, David J. Gross
Impaired arterial properties in active acromegaly are reversed by effective therapy
Marianna Yaron, Elena Izkhakov, Jessica Zak, Ibrahim Azzam, Maya Ish-Shalom, Susan Gilad, Naftali Stern, Yona Greenman

Hall C - Oral Presentation
Session No. 13 - Diabetes Mellitus
Chairpersons: Eddy Karnieli, Hannah Kanety

The Role of PPAR-delta in the adaptation of β-cells to high glucose levels - Basic Prize
Guy Cohen, Nurit Kaiser, Shlomo Sasson

Dicer is essential for mice islet cells survival
Inbal Navon, Sharon Haramati, Yael Kuperman, Tal Melkman-Zehavi, Roni Oren, Eran Hornstein, Alon Chen

Expression and regulation of CRF receptor type 2 in the developing and mature mouse skeletal muscle
Yael Kuperman, Orna Issler, Alon Chen

Differential expression of novel adiponectin receptor-1 transcripts in skeletal muscle of normoglycemic and type 2 diabetic patients

p38 mitogen-activated protein kinase dependent transactivation of ErbB receptor family - A novel common mechanism for stress-induced IRS-1 serine phosphorylation and insulin resistance
Rina Hemi, Yafit Yochananov, Ehud Barhod, Michal Kasher-Meron, Avraham Karasik, Amir Tirosh, Hannah Kanety

Nitric oxide synthase protects the pancreatic beta-cell from glucolipotoxicity-induced endoplasmic reticulum stress and apoptosis
Etti Bachar, Yafa Ariav, Erol Cerasi, Nurit Kaiser, Gil Leibowitz

The NFκB paradox: suppression of Glut4 gene expression with concomitant enhancement of Glut4 translocation
Shiri Karni Ashkenazi, Michal Armoni, Dafna Rozentzweig, Ben Yosef, Chava Harel, Eddy Karnieli

Refreshments & Exhibition Tour
Foyer - Guided Poster Presentation  
Session No. 14 - Hormones & Cancer  
Chairpersons: Benjamin Glaser, Zaki Kraiem

- Profile, target genes and regulation of microRNAs in ovarian carcinoma tumor progression  
  Olga Vaksman, Ben Davidson, Claes G. Trope, Janne Kaern, Reuven Reich

- Analysis of the interplay between the insulin receptor and IGF-I receptor signaling pathways in prostate cancer  
  Doron Weinstein, Zvi Laron, Haim Werner

- The T-boc derivative of 7-(O)-Carboxymethyl daidzein is cytotoxic to the human follicular carcinoma cell line WRO and a negative growth modulator in non-malignant human goiter cells in vitro: Potential role of reactive oxygen species (ROS)  
  Meital Grafi-Cohen, Orli Sharon, Zaki Kraiem, Fortune Kohen, Naftali Stern, Dalia Somjen

- Targeting of the IGF-IR as a potential therapeutic strategy in endometrial cancer  
  Zohar Attias, Ilan Bruchim, Dale L. Ludwig, Haim Werner

- Carotenoid derivatives prevent cancer and improve bone health by inhibition of NFkB and induction of Nrf2 transcription systems  
  Karin Linnewiel-Hermoni, Hansgeorg Ernst, Catherine Caris-Veyrat, Joseph Levy, Yoav Sharoni

- The histone deacetylase inhibitor vorinostat exhibits a potent pro-apoptotic activity in endometrial cancer cell lines  
  Rive Sarfstein, Ami Fishman, Ilan Bruchim, Haim Werner

- Differential effects of plant polyphenols on leukemia cell differentiation are associated with distinctive changes in Nrf2/ARE and VDR-RXR/VDRE transcription systems  
  Rina Wassermann, Victoria Novik, Michael Danilenko

- Pathways involved in 1,25(OH)2D3 and valproic acid - induced enhanced response of prostate cancer cells to ionizing radiation  
  Vladimir Gavrilov, Yaron Leibovich, Samuel Ariad, Konstantin Lavrenkov, Shraga Shany

- Endothelin converting enzyme (ECE)-1: A plausible target gene for hypoxia inducible factor (HIF)  
  Morir Khamaisi, Jonathan Axelrod, Rachel karry, Ahuva Shina, Samuel Heyman
• Identification and characterization of novel pate-like genes that code for secreted, cysteine-rich proteins expressed in reproductive and nervous systems  
  **Fiana Levitin**, Daniel Wreschner, Mordechai Weiss

• Construction of gene therapy viral vectors targeting thyroid cells: Infection of thyroid cancer cells with adeno-associated Viral (AAV) vector serotypes  
  **Meital Grafi-Cohen**, Gary Weisinger, Rona Limor, Ellena Izkhakov, Zaki Kraiem, Naftali Stern

• Diffuse idiopathic pulmonary neuroendocrine cell hyperplasia  
  **Alexander Gorshtein**, Dganit Barak, David J. Gross, Ilan Shimon, Simona Grozinsky-Glasberg

• Chronic complications of peptide receptor radionuclide therapy (PRRT) - A Single Center Experience  
  **Merav Fraenkel**, Dganit Barak, Jan Mueller-Brand, Yodphat Krausz, Benjamin Glaser, Asher Salmon, David J. Gross

• Metastatic growth hormone secreting pituitary carcinoma treated with peptide receptor radionuclide therapy  
  **Sameer Kassem**, David Gross, Victoria Doviner, Rivka Dresner-Pollak

11:15-12:15  
**Foyer - Guided Poster Presentation**  
**Session No. 15 - Bone Metabolism & Thyroid**  
Chairpersons: **Carlos Benbassat, Ronnie Barkey**

• Long-term low dose calcitriol treatment reduces blood pressure and decreases diet-induced atherosclerosis in Tsukuba hypertensive mice (THM)  
  **Karen Tordjman**, Maya Ish Shalom, Jessica Sack, Michal Vechoropoulos, Alex Litvak, Naftali Stern

• The mechanism of the regulation of the epidermal vitamin D endocrine system by inflammatory cytokines  
  **Esther Ziv**, Amiram Ravid, Ruth Koren

• Vitamin D increased E-cadherin synthesis and inhibited E-cadherin cleavage by TNF in epidermal keratinocytes  
  **Dafna Gilboa**, Ruth Koren, Amiram Ravid

• Vitamin D up-regulates the expression of MMP-1 in human keratinocytes  
  **Maya Aharoni**, Keren Bahar-Shany, Ruth Koren, Amiram Ravid

• Angiotensin 1-7 prevents the metabolic syndrome, hepatosteatosis and adipose tissue inflammation (Adipositis) in the fructose-fed rat  
  **Yonit Marcus**, Yoram Shechter, Fortuna Kohen, Rona Limor, Keren Sasson, Inbal Biton, Matityahu Fridkin, Naftali Stern
• Differential effect of antidepressants on body mass regulation and food intake in rats exposed to chronic mild stress as compared to unstressed - evidence for a role of leptin
  Ravit Uzan-Gueta, Michal Taler, Igor Tarasenko, Abraham Weizman, Irit Gil-Ad

• Effect of weight loss maintenance on arterial compliance, metabolic and inflammatory parameters
  Marina Shargorodsky, Mona Boaz, Ninel Wolfson

• Prevalence of polycystic ovary syndrome in non-classical 21 hydroxylase deficiency females by age at initiation of glucocorticoids therapy and genotype
  Ori Eyal, Betty Shachar, Shlomit Shalitin, Asaf Oren, Naomi Weintrob

• Recurrent episodes of iatrogenic Cushing’s syndrome due to inhaled steroids in ritonavir-treated HIV-infected child
  Amnon Zung, Serge Gradstein, Keren Mahleb-Guri, Zev M. Sthoeger

• Effect of treatment with insulin sensitizer on arterial properties, metabolic parameters and liver function in patients with nonalcoholic fatty liver disease: A randomized, placebo-controlled trial
  Marina Shargorodsky, Elena Sofer

• Implications of vitamin D status in patients with primary Hyperparathyroidism
  Liana Tripto Shkolnik, Rafit Drori, Orit Twito, Pinchas Klein, Anat Jaffe

• Neonatal panhypopituitarism: A unique presentation
  Abdulsalam Abu-Libdeh, Imad Dweikat, Bassam Abu-Libdeh

• Single intrauterine L-Thyroxin treatment of fetal goiter secondary to fetal dyshormonogenesis and maternal hypothyroidism
  Ilana Koren, Yael Goldberg

• Clinical consequences of prolonged subclinical hypothyroidism
  Dalit Modan-Moses, Orit Pinhas-Hamiel, Ohad Cohen, Dalia Waldman

• Vitamin D status, calcium intake and bone density in young HIV infected Israeli women
  Elena Segal, Eduardo Shahar, Zila Shen-Orr, Sophia Ish-Shalom
12:15-13:15  **Hall A**  
**Session No. 16 - Keynote Lecture**  
Chairpersons: **Yossi Orly, Zeev Blumenfeld**

Comparative genomics, epigenomics, and nutrition in perinatal health: Keys to understanding the molecular basis of the developmental origins of adult disease  
**Kjersti Aagaard-Tillery**, Department of Obstetrics & Gynecology, Baylor Clinic, Houston, Texas, USA

13:15-14:00  **Lunch & Exhibition Tour**

14:00-15:00  **Hall A - Prize Lectures**  
**Session No. 17**  
Chairperson: **Yossi Orly**

**H. Lindnder**: Gil Leibowitz  
Recipient of the Hans Linder Prize  

**I. Chowers**: Morir Khamaisi  
Recipient of the Israel Chowers Prize

15:00-17:00  **Hall A - Symposium**  
**Session No. 18 - "The impact of epigenetics on development and the origin of diseased states"**  
Chairpersons: **Alon Chen, Yossi Orly**

- **Glucocorticoid and developmental 'programming' of brain and body**  
  **Jonathan Seckl**, Endocrinology Unit, Centre for Cardiovascular Science, University of Edinburgh, Scotland, UK

- **The genomics and epigenomics of smoking in pregnancy**  
  **Kjersti Aagaard-Tillery**, Department of Obstetrics & Gynecology, Baylor Clinic, Houston, Texas, USA

- **Epigenetic plasticity in embryonic stem cells**  
  **Yehudith Bergman**, Departments of Experimental Medicine and Cellular Biochemistry, The Hebrew University Medical School, Ein Kerem, Jerusalem

- **DNA methylation and regulation of IGF1R expression in cancer progression**  
  **Haim Werner**, Department of Human Molecular Genetics and Biochemistry Sackler School of Medicine, Tel-Aviv University
Hall B - Symposium  
Session No. 19 - Endocrinology in the Era of Gender-Specific Medicine  
Chairperson: Karen Tordjman, Sophia Ish-Shalom

• The gender-specific approach to diabetes: What is known and what is yet to learn  
  Auryan Szalat, The Service for Endocrinology, Hadassah Medical School,  
  The Hebrew University

• One system, two genders: Bone and sex hormones  
  Dalia Somjen, The Institute of Endocrinology and Metabolism,  
  Tel-Aviv Sourasky Medical Center

• Osteoporosis and gender: Facts and myths  
  Iris Vered, The Institute of Endocrinology, Sheba Medical Center

• From gender to transgender: Sex hormones and the brain  
  Yona Greenman, Institute of Endocrinology and Metabolism,  
  Tel-Aviv Sourasky Medical Center