

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**

Cairpersons: 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 resistant 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,
Zuhdil 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**
Dania Hirsch, Sigal Levy, gloria Tsvetov, Ruth Weinstein, Avner Lifshit, Joelle Singer, Ilana Shraga-Slutzky, Simona Grozinski-Glasberg, Mordechai Lapidot, Ilan Shimon, Carlos Benbassat
- 10:00 **Radioiodine therapy for graves' disease is associated with increased rate of the metabolic syndrome**
Elena Izkhakov, Ety 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**
Michal Gershinsky, Ophra Barnett-Griness, Nili Stein, Dania Hirsch, Gloria Tzvetov, Eyal Robenshtok, Orit Bardicef, Julia Pauker, Simona Grozinsky-Glasberg, Sophia Ish-Shalom, Ilana Slutzki, Ilan Shimon, Carlos Benbssat
- 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, Varda Levy-Litan, Luba Avizov, Neta Leventhal, 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

- 09:45 **Post Fracture osteoporosis treatment program, is it efficient?**
Marina Nodelman, Sophia Ish-Shalom
- 10:00 **Osteoprotegerin as an independent marker of subclinical atherosclerosis in osteoporotic postmenopausal women**
Margarita Mashavi, Mona Boaz, Marina Shargorodsky
- 10:15 **Bone turnover markers in the follow-up of bisphosphonate treated osteoporotic patients**
Raya Gendelman, Zila Shen-Orr, Elena Segal, Marina Nodelman, Sophia Ish-shalom
- 10:30 **Sirtuin 1 (sirt1) is a regulator of marrow adipogenesis**
Hanna Artsi, Einav Cohen-Kfir, Eva Abramovitz, Avi Levin, Rivka Dresner-Pollak

10:45-11:15 Refreshments & Exhibition Tour

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

11 β -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 ER α and ER β 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, Arie 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 hyperglacemia 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**
Amit Akirov, Galit Hirsch, Valentina Boyko, Chana Graph-Barel, Liat Lerner-Geva, Orit Pinhas-Hamiel

- **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 Prshedezki, 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 Klipper, George W. Smith, Rina Meidan

- **Elucidation of mechanisms of the reciprocal cross-talk between gonadotropin-releasing hormone (GnRH) and prostaglandin receptors**
Boris Shterntal, 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 Weisbrod, 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 Przeddecki, Michal Naidich, Zvi Naor
- 10:15 **PPAR α 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**
Orit Barenholz, Gheona Altarescu, Ehud J. Margalioth, Irit Varshaver, Pinchas Renbaum, Baruch Brooks, Ephrat Levy-Lahad, Talia Eldar-Geva
- 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 Müller, Ilan Shimon, David J. Gross

10:30 **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

09:00-10:45 **Hall C - Oral Presentation**
Session No. 13 - Diabetes Mellitus
Chairpersons: **Eddy Karnieli, Hannah Kanety**

09:00 **The Role of PPAR-delta in the adaptation of β -cells to high glucose levels - Basic Prize**
Guy Cohen, Nurit Kaiser, Shlomo Sasson

09:15 **Dicer is essential for mice islet cells survival**
Inbal Navon, Sharon Haramati, Yael Kuperman, Tal Melkman-Zehavi, Roni Oren, Eran Hornstein, Alon Chen

09:30 **Expression and regulation of CRF receptor type 2 in the developing and mature mouse skeletal muscle**
Yael Kuperman, Orna Issler, Alon Chen

09:45 **Differential expression of novel adiponectin receptor-1 transcripts in skeletal muscle of normoglycemic and type 2 diabetic patients**
Reut Ashwal, Rina Hemi, Amir Tirosh, Reut Gordin, Eleanor Yisschar, Anat Cohen-Dayag, Avi Rosenberg, Avraham Karasik, Matthias Blüher, Hannah Kanety

10:00 **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

10:15 **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

10:30 **The NFkB 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

10:45-11:15 **Refreshments & Exhibition Tour**

11:15-12:15

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 dysmorphogenesis 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 Shahr, 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. Lindner: 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

15:00-17:00

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