### Program at a Glance

#### April 12, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>16:00-16:30</td>
<td>Registration &amp; Reception</td>
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<tr>
<td>16:30-17:15</td>
<td>Plenary Lecture 1: Philippe Froguel (UK, France)</td>
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<td></td>
<td>Chair: Eddy Karnieli</td>
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<tr>
<td></td>
<td>“New Insight into Genetics of Diabetes and Obesity”</td>
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<tr>
<td>17:15-18:45</td>
<td>Symposium 1</td>
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<tr>
<td></td>
<td>Neuroendocrine tumors NET</td>
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<tr>
<td></td>
<td>Chairs: David Gross, Yodphat Krausz</td>
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<td></td>
<td><strong>Hall A</strong></td>
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<tr>
<td></td>
<td>plenary Lecture 2: Ima Ima- New Basic Concepts</td>
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<td></td>
<td>Chair: Yossi Orly</td>
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<tr>
<td></td>
<td>“The Role of Functional Imaging in NET Diagnosis, Treatment and</td>
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<td>Follow-Up”</td>
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<td><strong>Hall B</strong></td>
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<td></td>
<td>Adi Mizrahi (HUJI)</td>
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<td></td>
<td>“Becoming A Mother - New Smells and Sounds in the Mother’s Brain”</td>
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<td>Simona Glasberg (Hadassah)</td>
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<td>“Update in Clinical Trials in NETs - What’s in the Pipeline”</td>
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<td></td>
<td>Robert Jensen, USA</td>
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<td>“Gastrinoma - State of the Art”</td>
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#### April 13, 2016

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>07:30-08:30</td>
<td>Registration, Exhibition Visit, Gathering and Refreshments</td>
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<tr>
<td>08:30-10:15</td>
<td>Oral Presentations (3 Parallel Sessions)</td>
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<tr>
<td></td>
<td>Thyroid</td>
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<td></td>
<td>Chairs: Sagit Solotov and Yardena Tenenbaum-Rakover</td>
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<td></td>
<td><strong>Hall A</strong></td>
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<tr>
<td></td>
<td>Pediatric Endocrinology</td>
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<td></td>
<td>Chairs: Yael Lebenthal and Dalit Modan</td>
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<td><strong>Hall B</strong></td>
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<tr>
<td></td>
<td>Reproduction</td>
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<td></td>
<td>Chairs: Nava Dekel and Berta Levavi-Sivan</td>
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<td><strong>Hall C</strong></td>
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<tr>
<td>10:15-10:45</td>
<td>Coffee Break and Exhibition Visit</td>
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<tr>
<td>10:45-10:50</td>
<td>Opening Remarks: Eddy Karnieli and Yossi Orly</td>
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<tr>
<td>10:50-11:30</td>
<td>Plenary Lecture 2: Constantine Stratakis, USA</td>
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<td>Chair: Yona Greenman</td>
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<td></td>
<td>“Update on the Clinical Investigation and Genetics of Cushing Syndrome”</td>
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<tr>
<td>11:30-12:45</td>
<td>Guided Poster Session</td>
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<td>12:45-13:45</td>
<td>Lunch Break</td>
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Dining Room
<table>
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<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 13:45-14:30  | **Plenary Lecture 3:** Anthony Hollenberg, USA  
Chair: Zaki Kraiem  
“New Approaches to the Diagnosis and Treatment of Thyroid Disease” |
| 14:30-16:00  | **Symposia 2-3 (parallel)**                                                                 |
|              | **Hormone Replacement Therapy HRT**  
Chair: Zeev Blumenfeld                                                      |
|              | **Pediatric Bone**  
Chairs: David Strich, Nehama Zuckerman-Levin                                  |
|              | **Hall A**  
Ronit Kochman (Hadassah)  
“Updated Treatments of the Menopause and Beyond”                                |
|              | **Hall B**  
Outi Makitie, Finland  
“Clinical and Genetic Characteristics of Pediatric Osteoporosis”               |
|              | Gideon Kopernik (Kaplan)  
“Cardiovascular System- Menopause and HRT”                                       |
|              | Hochberg Zeev (Technion)  
“Bone Maturation and Bone Age”                                                     |
|              | Avraham Ben Chetrit (SZC)  
“Menopausal Hormone Therapy for Breast Cancer Survivors”                           |
|              | Gadi Pelled (HUJI)  
“Activation of Endogenous Stem Cells: Novel Therapies for Bone Regeneration”     |
| 16:00-16:30  | **Coffee Break and Exhibition Visit**                                                        |
| 16:30-18:00  | **Symposia 4-5 (parallel)**                                                                 |
|              | **Endocrine Disruptors**  
Chairs: Karen Tordjman and Naomi Weintrob                                             |
|              | **Tumor Environment**  
Chair: Haim Werner                                                                      |
|              | **Hall A**  
Frank Biro, USA  
“Impact of Yesterday's Genes and Today's (diet and) Chemicals on Tomorrow’s Women”|
|              | Zvi Granot (HUJI)  
“Neutrophils in Cancer, Old Controversies and New Perspectives”                    |
|              | Ronit Machtinger (Sheba)  
“EDCS and Epigenetics”                                                                   |
|              | Neta Erez (TAU)  
“Breaking Bad: Cancer Associated Fibroblasts Are Reprogrammed from Growth Inhibitory to Tumor-Promoting in Breast Cancer”|
|              | Hagai Levine (Hadassah)  
“EDCs and Male Reproduction”                                                              |
|              | Carmit Levy (TAU)  
“Bi-Directional Communication between Melanoma Cells and the Micro Environment”     |
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>18:00-19:00</td>
<td>Meet the Professor / Expert (2 Parallel Sessions):</td>
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<tr>
<td></td>
<td><strong>Outi Makitie</strong> (Finland)</td>
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<td></td>
<td>“Update on Treatment of Pediatric Osteoporosis”</td>
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<td></td>
<td>Chair: Zeev Hochberg</td>
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<td></td>
<td><strong>Constantine Stratakis, USA</strong></td>
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<td>“Approach to the Patient with Macronodular Adrenal Hyperplasia”</td>
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<td>Chair: Yona Greenman</td>
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<td>19:00-19:30</td>
<td>Buffet Light Dinner</td>
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<td>19:30-21:30</td>
<td><strong>Bistro Hall</strong></td>
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**April 14, 2016**

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<th>Time</th>
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<tbody>
<tr>
<td>07:30-08:30</td>
<td>Registration and Exhibition Visit</td>
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<tr>
<td>08:30-10:15</td>
<td>Oral Presentations (3 Parallel Sessions)</td>
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<tr>
<td></td>
<td><strong>Bones, Adrenals and NET</strong></td>
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<tr>
<td></td>
<td>Chairs: Liana Tripto and Eti Osher</td>
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<td></td>
<td><strong>Diabetes and Obesity</strong></td>
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<td>Chairs: Amir Tiross and Gil Leibowits</td>
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<td><strong>Growth/Cancer</strong></td>
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<td>Chairs: Yoav Sharoni and Haim Werner</td>
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<tr>
<td>10:15-10:45</td>
<td>Coffee Break and Exhibition Visit</td>
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<tr>
<td>10:45-11:30</td>
<td>Plenary Lecture 4: Karine Rizzoti, UK</td>
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<td>Chair: Philippa Melamed</td>
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<td></td>
<td>“Stem Cells &amp; Pituitary Development”</td>
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<tr>
<td>11:30-13:00</td>
<td>Symposia 6-7 (2 Parallel Sessions)</td>
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<td><strong>Stem Cells at the Pursuit of Translational Biology</strong></td>
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<td>Chair: Benjamin Reubinoff</td>
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<td><strong>Thyroid Cancer</strong></td>
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<td>Chairs: Carlos Benbassat</td>
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<td>12:30-14:00</td>
<td>Lunch</td>
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**Stem Cells at the Pursuit of Translational Biology**

- **Nissim Benvenisty** (HUJI)
  “Modeling Human Disorders using Pluripotent Stem Cells”

- **Shulamit Levenberg** (Technion)
  “Adipose Derived Endothelial and Mesenchymal Stem Cells Enhance Vascular Network Formation and Induce Vascularization of Engineered Tissue Flaps”

- **Ron Piran** (BIU Zfat)
  “PAR2: a Passe-Partout for Regeneration, Transdifferentiation, and Death in Diabetes and Much More”

**Thyroid Cancer**

- **Eyal Robenshtok** (Rabin Center)
  “The 2015 Thyroid Nodule and Cancer Guidelines - What’s New?”

- **Anat Jaffe** (Hillel Yaffe)
  “Molecular Analysis of Indeterminate Nodules”

- **Liora Lazar** (Schneider)
  “Pediatric Thyroid Cancer”
<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>13:00-14:00</td>
<td>Lunch Break</td>
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<tr>
<td>14:00-15:45</td>
<td>Prizes Session and General Assembly</td>
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<td></td>
<td>Chairs: Eddy Karnieli, Nehama Zuckerman-Levin and Yossi Orly</td>
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<td>Lindner Prize Lecture (30 min)</td>
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<td>Chowers Prize Lecture (15 min)</td>
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<td>Prizes for Best Clinical/Basic Abstracts (15 min)</td>
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<td>IES Members Assembly Meeting (45 min)</td>
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<td><strong>ELECTIONS RESULTS</strong></td>
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<td>15:45-16:00</td>
<td>Coffee Break and Exhibition Visit</td>
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<tr>
<td>16:00-17:30</td>
<td>Symposia 8-9 (2 parallel)</td>
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**Pregnancy Endocrinology**
- **Chair:** Yoel Toledano and Ronit Koren

- **Hall A**
  - **Dania Hirsh** (Rabin): Hyperparathyroidism
  - **Naomi Weintro** (Sourasky): Management of Congenital Adrenal Hyperplasia During Pregnancy - Optimizing Outcomes
  - **Yona Greenman** (Sourasky): “Pregnancy & Cushing”

**Obesity and Metabolism**
- **Chair:** Assaf Rudich

- **Hall B**
  - **Sigal Fishman** (Sourasky): “GIP - a Linker between the Metabolic and Immunologic Systems”
  - **Amir Tirosh** (Sheba): “The Food Preservative Propionic Acid Induces Post-Prandial Hepatic Insulin Resistance – A Neuroendocrine Mechanism”
  - **Mogher Khamaisi** (Rambam & Technion): “What is new in diabetic wound treatment: A potential use of human inducible stem cells”
PROGRAM

THE 45TH ANNUAL MEETING
OF THE ISRAEL ENDOCRINE SOCIETY

12-14 APRIL, 2016 | INBAL HOTEL, JERUSALEM
Tuesday, April 12, 2016

16:00-16:30  Registration & Reception

16:30-17:15  Plenary Lecture 1  
Chair: Eddy Karniel  
Hall A

New Insight into Genetics of Diabetes and Obesity
Philippe Froguel  
Department of Genomics of Common Disease, School Of Public Health,  
Hammersmith Hospital Campus, London, United Kingdom and France

Parallel Sessions

17:15-18:45  Symposium 1: Neuroendocrine Tumors NET  
Chairs: David Gross, Yodphat Krausz  
Sponsored by Novartis  
Hall A

17:15  The Role of Functional Imaging in NET Diagnosis, Treatment and Follow-Up
Rodney Hicks  
Peter MacCallum Cancer Centre, Australia

17:45  Update in Clinical Trials in NETs - What`s in the Pipeline
Simona Glasberg  
Neuroendocrine Tumor Unit, Endocrinology & Metabolism Service  
Department of Medicine, The Hadassah-Hebrew University Medical Center, Jerusalem

18:15  Gastrinoma - State of the Art
Robert Jensen  
Gastrointestinal Cell Biology Section, The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), USA

17:15-18:15  Ima Ima- New Basic Concepts  
Chair: Yossi Orly  
Hall B

17:15  Becoming A Mother - New Smells and Sounds in the Mother's Brain
Adi Mizrachi  
Neurobiology, Inst. Life Sciences and ELSC, The Hebrew University of Jerusalem
07:30-08:30  Registration, Exhibition Visit, Gathering and Refreshments

Parallel Sessions

08:30-10:15  Oral Presentations: Thyroid

Chairs: Sagit Solotov and Yardena Tenenbaum-Rakover  
Hall A

08:30  
**The Role of a Second RAI Treatment in DTC Patients with Loco-Regional Neck Persistent/Recurrent Disease**  
Dania Hirsch1,3, Alexander Gorshtein1,3, Eyal Robenshtok1,3, Hiba Masri-Iraqi1,3, Amit Akirov1,3, Hadar Duskin Bitan1,3, Ilan Shimon1,3, Carlos Benbassat2,3  
1Institute of Endocrinology, Rabin Medical Center, Beilinson Hospital, Petach Tikva  
2Endocrine Institute, Assaf Harofeh Medical Center  
3Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv

08:45  
**Familial Central Hypothyroidism Caused by a Novel IGSF1 Gene Mutation**  
Shira London1, Dani Bercovich2, Marc-Olivier Turgeon3, Joachim Pohlenz4, Pia Hermanns4, Yardena Tenebaum-Rakover1,5, Daniel J. Bernard3  
1Pediatric Endocrine Institute, Ha’Emek Medical Center, Afula  
2Galilee Genetic Analysis lab, Tel Hai College, Gallilee  
3Department of Pharmacology and Therapeutics, McGill University, Montreal, Canada  
4Department of Pediatrics, Johannes Gutenberg University Medical School, Mainz, Germany  
5Rappaport Faculty of Medicine, Technion, Haifa

09:00  
**High Dose Radioiodine Therapy Affects Ovarian Reserve in Women with Differentiated Thyroid Cancer**  
Iris Yaish1, Foad Azem2, Merav Serebro3, Gabi Shefer1, Rona Limor1, Sivan Shamai2, Orit Gutfeld3, Naftali Stern1, Karen Tordjman1  
1Institute of Endocrinology, Metabolism, and Hypertension, Tel Aviv Sourasky Medical Center, Tel Aviv  
2Racine IVF Unit, Lis Maternity Hospital, Tel Aviv Sourasky Medical Center, Tel Aviv  
3Radiation Therapy Unit, Institute of Oncology, Tel Aviv Sourasky Medical Center, Tel Aviv
09:15  A Novel Mutation (S54C) of the PAX8 Gene in a Family with Congenital Hypothyroidism and High Proportion of Affected Individuals
Liat de Vries1,2, Panudda Srichomkwun3, Osnat Admoni4, Samuel Refetoff3,5
1Institute for Endocrinology and Diabetes, Schneider Children's Medical Center of Israel, Petach-Tikvah
2Sackler Faculty of medicine, Tel-Aviv University, Tel-Aviv
3Department of Medicine, The University of Chicago, Chicago, USA
4Pediatric Endocrine unit, Ha'Emek Medical Center, Afula
5Department of Pediatrics and the Committee on Genetics, The University of Chicago, Chicago, USA

09:30  Disease Status at Presentation and Disease Related Mortality from Differentiated Thyroid Cancer
Eyal Robenshtok1, Yuval Nachalon2, Carlos Benbassat3, Dania Hirsch1, Aharon Popovtzer4
1Endocrinology & Metabolism Institute, Rabin Medical Center, Petah-Tikva
2Department of Otorhinolaryngology-Head and Neck Surgery, Rabin Medical Center, Petah-Tikva
3Endocrinology Unit, Assaf Harofeh Medical Center, Zerifin
4Head and Neck Tumor Unit, Davidoff Cancer Center, Rabin Medical Center, Petah-Tikva

09:45  Falsely High Free Thyroid Hormone Measurements in Pediatric Patients with Metabolic Disease Treated with High Dose of Biotin
Moran Gal1,3, Rina Hemi2, Noah Gruber3, Sharon Sheinvald1, Yuval Landau4,6, Marina Rubinshtein5,6, Orit Pinhas-Hamiel5,6, Hannah Kanety2
1Pediatric A, Edmond and Lily Safra Children's Hospital, Chaim Sheba Medical Center, Ramat Gan
2Institute of Endocrinology, Chaim Sheba Medical Center, Ramat Gan
3Pediatric Endocrinology and Diabetes Unit, Edmond and Lily Safra children's hospital, Chaim Sheba Medical Center, Ramat Gan
4Metabolic Unit, Edmond and Lily Safra children's hospital, Chaim Sheba Medical Center, Ramat Gan
5Department of Pediatric Intensive Care Unit, Edmond and Lily Safra children's hospital, Chaim Sheba Medical Center, Ramat Gan
6Sackler School of Medicine, Tel Aviv university, Tel Aviv, Ramat Gan
10:00  The Prevalence of Abnormal Thyroid Function Test in Low Risk Pregnant Women in Israel
Taiba Zornitzi1, Miron Froimovic2, Rubi Amster3, Samuel Lurie2,3,4
1Endocrinology Unit, Kaplan Medical Center, Hebrew University Medical School of Jerusalem, Rehovot
2Women’s Health center, Clalit Health Services, Southern District, Ashkelon
3Women’s Health center, Clalit Health Services, Tel-Aviv
4Department of Obstetrics and Gynecology, Wolfsom Medical Center Holon, Sackler faculty of Medicine, Tel-Aviv University

08:30-10:15  Oral Presentations: Pediatric Endocrinology  Hall B
Chairs: Yael Lebenthal and Dalit Modan

08:30  The Actual Incidence of Small for Gestational Age (SGA) Newborns and Their Catch-Up Growth is Dramatically Lower than Previously Considered
Eran Lavi1, Abdulsalam Abu-Libdeh1, Asher Shafir1, Hanna Shoob2, Chen Stein Zamir2,3, Smadar Eventov- Friedman4, David Zangen1
1Division of Pediatric Endocrinology, Hadassah Hebrew University Medical Center, Jerusalem
2Jerusalem district health office, Ministry of health, Jerusalem, Israel
3Faculty of medicine school of public health, Hebrew university of Jerusalem,
4Department of neonatology, Hadassah Hebrew University Medical Center, Jerusalem

08:45  Growth without Growth Hormone: Can Growth and Differentiation Factor 5 be the Mediator?
Biana Shtaif1,3, Nitsan Dror2, Meytal Bar-Maisels1,2, Moshe Phillip1,2,3, Galia Gat-Yablonski1,2,3
1Molecular Endocrinology, Felsentein Medical Research Center, Petach Tikva,
2Endocrinology and Diabtes, Schneider Children’s Medical Center
3Endocrinology and Diabtes, Tel Aviv University

09:00  The Effect of GH Treatment on Klotho Blood Levels in Children with Growth Hormone Deficiency
Ido Wolf1,2, Shiri Sahmoon1,2, Michal Ben Ami3, Yael Levy-Shraga2,3, Yonatan Yeshayahu3, Ram Doolman4, Rina Hemi5, Hannah Kanety5, Tami Rubinek1, Dalit Modan2,3
1Institute of Oncology, Tel Aviv Sourasky Medical Center, Tel Aviv
2Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv
3Pediatric Endocrinology and diabetes unit, The Edmond and Lily Safra Children’s Hospital, Chaim Sheba Medical Center, Ramat-Gan
4Institute of Chemical Pathology, Chaim Sheba Medical Center, Ramat-Gan
5Institute of Endocrinology, Chaim Sheba Medical Center, Ramat-Gan
09:15  

2nd Year Efficacy Results of Once-Weekly Administration of CTP-Modified Human Growth Hormone (MOD-4023): A Phase 2 Study in Children with Growth Hormone Deficiency

Gili Hart⁶, Nataliya Zelinska¹, Julia Skorodok², Oleg Malievsky³, Ron G. Rosenfeld⁴, Zvi Zadik⁵, Ronit Koren⁶, Leanne Amitzi⁶, Oren Hershkovitz⁶, Klaudziya Radziuk

¹Ukrainian Children Specialized Clinical Hospital, Kyev, Ukraine  
²St. Petersburg State Pediatric Medical Academy, St. Petersburg, Russia  
³Bashkir State Medical University, Ufa, Russia  
⁴Oregon Health & Science University, Oregon, USA  
⁵Kaplan Medical Center, Rehovot  
⁶OPKO Biologics, Nes Ziona

09:30  

Outcome of Adolescents Undergoing Sleeve Gastrectomy–One Year Follow-Up

Michal Ben Ami¹, Maayan Bacher¹, Reut Pienik¹, Irena Vusiker¹, Dani Yardeni¹, Gal Dubnov-Raz¹,², Benjamin Wagner¹, Daniel Stein¹,², Dana Hadar³, Orit Pinhas-Hamiel¹,²

¹Pediatric Endocrine and Diabetes Unit, Edmond and Lily Safra Children’s Hospital, Sheba Medical Center  
²Sackler School of Medicine, Tel-Aviv University  
³The Women and Children’s Health Research Unit, Gertner Institute, Tel Hashomer

09:45  

A GLP-1 Receptor Agonist Improves Beta-cell Function in Type 2 Wolfram Syndrome while Preventing Mitochondrial Iron Overload

Liron Danielpur¹, Chen Fogel¹, Sohn Yang Sung², Yael Riahi¹, Tal Israeli¹, Erol Çerasi¹, Rachel Nechushtai², Gil Leibowitz¹

¹Endocrinology and Metabolism Service, Hebrew University-Hadassah Medical Center, Jerusalem  
²The Alexander Silberman Life Science Institute and the Wolfson Centre for Applied Structural Biology, Hebrew University of Jerusalem, Edmond J. Safra Campus at Givat Ram, Jerusalem

10:00  

Autoimmune Diseases and Manifestations of Metabolic Syndrome in Turner Syndrome – Comparison Between 45,X0 and Other X Chromosome Abnormalities

Yael Lebenthal¹,², Efrat Sofrin-Drucker¹, Michal Yackobovitch-Gavan¹, Nessia Nagelberg¹, Liat de Vries¹,², Shlomit Shalitin¹,², Ariel Tenenbaum¹,², Moshe Phillip¹,², Liora Lazar¹,²

¹The Jesse Z and Sara Lea Shafer Institute for Endocrinology and Diabetes, Schneider Children’s Medical Center of Israel, Petah Tikva  
²Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv
08:30-10:15 Oral Presentations: Reproduction  
Chairs: Nava Dekel and Berta Levavi-Sivan

08:30  
Pigment Epithelium Derived Factor Targets Both Angiogenic and Cytokine Pathways in the Pathogenesis of Ovarian Hyperstimulation Syndrome  
Irit Miller¹, Dana Chuderland¹, Raphael Ron-El², Ruth Shalgi¹, Ido Ben-Ami²  
¹Department of Cell and Developmental Biology, Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv  
²Department of Obstetrics and Gynecology, IVF and Infertility Unit, Assaf Harofeh Medical Center, Zerifin

08:45  
Severe 5 Alpha Reductase 2 Deficiency with Aphallia is Caused by Y91H Mutation in SRD5A2 Gene - Challenges in Diagnosis and Treatment  
Adi Auerbach¹, Ariella Weinberg Shokrun², Ephrat Levy-Lahad², Najwa Abdelhak¹, Eran Lavi¹, Guy Hidas³, Yehezkel Landau³, David Zangen¹  
¹Division of Pediatric Endocrinology, Hadassah Hebrew University Medical Center, Jerusalem  
²Department of Genetics, Shaare Zedek Medical Center, Jerusalem  
³Department of Urology, Hebrew University Hadassah Medical Center, Jerusalem

09:00  
Construction of a Three Dimensional In Vitro Embryo Implantation Research Model Using Alginate Macro-porous Scaffold  
Dganit Stern¹, Reuven Reich¹, Tali Tavor Re'ém²  
¹Institute of Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University, Jerusalem  
²Dept. of Pharmaceutical Engineering, Azrieli - College of Engineering (JCE), Jerusalem
A Variant in a Mitochondrial-tRNA Processing Regulator Gene Causes Ovarian Dysgenesis and Sensorineural Deafness (Perrault Syndrome)

Irit Hochberg1, Leigh Demain2, Jill Urquhart2, Stephanie Oerum3, Albert Amberger4, Andrea Deutschmann4, James O’Sullivan2, Nada AlSheqaih3, Simon Williams2, Sanjeev Bhaskar2, Zeev Blumenfeld5,6, Kevin Munró7, Johannes Zschocke8, Wyatt Yue8, Raymond O’Keefe8, William Newman2

1Institute of Endocrinology, Diabetes and Metabolism, Rambam Health Care Campus, Haifa
2Institute of Human Development, Manchester Centre for Genomic Medicine, University of Manchester, Manchester, UK
3Structural Genomics Consortium, Nuffield Department of Clinical Medicine, University of Oxford, Oxford, UK
4Division of Human Genetics, Innsbruck Medical University, Innsbruck, Austria
5Department of Obstetrics and Gynecology, Reproductive Endocrinology, Rambam Health Care Campus, Haifa
6Faculty of Medicine, Technion - Israel Institute of Technology, Haifa
7School of Psychological Sciences, University of Manchester, Manchester, UK
8Faculty of Life Sciences, University of Manchester, Manchester, UK

Menopause Is a Low Sirtuin1 State: The Ovariectomized Mouse Model

Oran Yakubovsky1, Irina Gurt2, Einav Cohen-Kfir3, Hanna Artsi2, Gera Verbun2, Rivka Dresner-Pollak2

1Endocrinology and Metabolism Service, Hebrew University - Hadassah Medical School, Jerusalem
2Endocrinology and Metabolism Service, Hadassah-Hebrew University Medical Center, Jerusalem
3Institute of Medical Research Israel-Canada, Hebrew University - Hadassah Medical School, Jerusalem

The Role of Angiogenesis in the Selection of Dominant Follicles

Liat Alyagor1, Inbal Biton2, Hagit Dafni2, Nava Nevo1, Dalia Galiani1, Michal Neeman1, Nava Dekel1

1Department of Biological Regulation, The Weizmann Institute of Science, Rehovot
2Department of Veterinary Resources, The Weizmann Institute of Science, Rehovot

The Role and Regulation of the DNA-modifying Tet Enzymes in the Pituitary Gonadotropes

Elected as best Basic Abstract

Cfir David1, Yahav Yosefzon1, Anna Rabinovich-Tsukerman1, Lilach Pnueli1, Qiao Sen2, Ulrich Boehm2, Philippa Melamed1

1Biology, Technion-Israel institute of Technology
2Department of Pharmacology and Toxicology, University of Saarland, School of Medicine, Germany
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>10:15-10:45</td>
<td>Coffee Break, Refreshments and Exhibition Visit</td>
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<tr>
<td>10:45-10:50</td>
<td>Opening Remarks: Eddy Karnieli and Yossi Orly</td>
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</table>
| 10:50-11:30 | Plenary Lecture 2  
Chair: Yona Greenman  
*Hall A*  

**Update on the Clinical Investigation and Genetics of Cushing Syndrome**  
Constantine Stratakis  
*Eunice Kennedy Shriver National Institute of Child Health and Human Development, Maryland, USA*

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:30-12:45</td>
<td>Guided Poster Session</td>
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**Poster No.**  

**Guided Poster Session Group 1: Diabetes**  
*Hall A*  

*Chairs: Hilla Knobler and Joelle Singer*

1. **Peripherally-Restricted Joelle Singer Cannabinoid-1 (CB1) Receptor Blocked Attenuates Type-1 Diabetic Nephropathy in Mice**  
Liad Hinden, Shiran Udi, Adi Drori, Rivka Hadar, Saja Baraghity, Anna Permyakova, Joseph Tam  
*Obesity and Metabolism Laboratory, Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem*

2. **Pediatric Type 1 Diabetes Mellitus Incidence and Anthropogenic Metals in the Environment - Results from Northern Israel**  
Enbal Halabi\(^1\), Moshe Shirav-Schwartz\(^2\), Ronit Leiba\(^3\), Israel IDDM Registry Study Group IIRSG\(^4\), Ilana Koren\(^5\)  
\(^1\)Pediatrics, Carmel Hospital  
\(^2\)Geology, Geological survey of Israel  
\(^3\)Statistics, Rambam Hospital  
\(^4\)Gertner institute, Chaim Sheba Medical Center  
\(^5\)Pediatric Diabetes Clinic, Clalit Health Services

3. **SHBG – A Mere Bystander? SHBG - Overexpression Does Not Reduce Insulin Resistance, Obesity or Diabetes High Fat Fed Mice**  
Yael Sofer, Esther Osher, Michal Vechoropoulos, Naftali Stern  
*Department of Endocrinology, Metabolism and Hypertension, Sourasky Medical Center, Ichilov*
4. **New Onset Diabetes after Kidney Transplantation is Associated with Increased Mortality - a Retrospective Cohort Study**  
Lisa Cooper\textsuperscript{1,6}, Noam Oz\textsuperscript{1,6}, Guy Fishman\textsuperscript{1,6}, Tzippy Shohat\textsuperscript{2,6}, Ruth Rahamimov\textsuperscript{3,6}, Eytan Mor\textsuperscript{3,6}, Hefziba Green\textsuperscript{4,5,6}, Alon Grossman\textsuperscript{5,6}  
\textsuperscript{1}Department of Internal Medicine B, Rabin Medical Center, Beilinson Campus  
\textsuperscript{2}Bio Statistical Unit, Rabin Medical Center, Beilinson Campus  
\textsuperscript{3}Department of Transplantation, Rabin Medical Center, Beilinson Campus  
\textsuperscript{4}Department of Nephrology and Hypertension, Rabin Medical Center, Beilinson Campus  
\textsuperscript{5}Department of Internal Medicine E, Rabin Medical Center, Beilinson Campus  
\textsuperscript{6}Sackler Faculty of Medicine, Tel Aviv University

5. **The Prognostic Significance of Admission Blood Glucose Levels in Elderly Patients with Pneumonia (GAP Study)**  
Amit Akirov\textsuperscript{1,2}, Ilan Shimon\textsuperscript{1,2}  
\textsuperscript{1}Institute of Endocrinology, Rabin Medical Center, Beilinson Campus  
\textsuperscript{2}Sackler School of Medicine, Tel Aviv University

6. **Effect of Short- and Long-Term Diabetes Control on In-Hospital and One Year Mortality Rates in Hospitalized Patients with Diabetic Foot: What is the Most Effective?**  
Marina Shargorodsky, Feldbrin Zeev  
Endocrinology, Wolfson Medical Center

7. **The Effect of Phlebotomy-Induced Hemolysis on Insulin Level Determination**  
Taiba Zornitzki\textsuperscript{1}, Moran Blaychfeld–Magnazi\textsuperscript{1,2}, Hilla Knobler\textsuperscript{1}, Mira Ulman\textsuperscript{3}  
\textsuperscript{1}Endocrinology, Diabetes and Metabolic Disease Institute, Kaplan Medical Center, Hebrew University Medical School of Jerusalem  
\textsuperscript{2}Institute of Biochemistry Food Science and Nutrition, Hebrew University of Jerusalem  
\textsuperscript{3}Endocrinology Laboratory, Kaplan Medical Center

8. **Comparison of Insulin Detemir and Glyburide Treatment for Gestational Diabetes Mellitus**  
Ronit Koren Peleg\textsuperscript{1,3}, Eran Ashwal\textsuperscript{2}, Moshe Hod\textsuperscript{2,3}, Yoel Toledano\textsuperscript{2}  
\textsuperscript{1}Department of endocrinology, Institute of Endocrinology, Rabin Medical Center, Beilinson Hospital  
\textsuperscript{2}Division of Maternal Fetal Medicine, Helen Schneider Women’s Hospital, Rabin Medical Center, Beilinson Hospital  
\textsuperscript{3}Sackler Faculty of Medicine, Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv
9. **The Influence of Metformin Treatment on Total Cobalamin Levels and Active Cobalamin Levels in Hospitalized Type 2 Diabetes Patients**

Michal Holtzman\(^1\), Tamar Stam\(^2\), Amir Bashkin\(^1\)

\(^1\)Endocrinology and diabetes unit, Galilee Medical Center
\(^2\)Biochimistry Laboratory, Galilee Medical Center

10. **The Association Between Glucose Variability and Mortality in Non-Critically Ill Hospitalized Patients in The Galilee Medical Center**

Malik Abu-Rayya\(^2\), Orly Yakir\(^4\), Tamar Stam\(^3\), Marina Nodelman\(^1\), Bella Gross\(^2\), Amir Bashkin\(^1\)

\(^1\)Endocrinology and Diabetes Unit, Galilee Medical Center
\(^2\)Internal Medicine D, Galilee Medical Center
\(^3\)Biochimistry Laboratory, Galilee Medical Center
\(^4\)Statistic Unit, Galilee Medical Center

11. **The Effect of Military Service on Metabolic Control, Weight Status and Incidence of Acute Diabetes Complications in Young Adults with Type 1 Diabetes**

Avivit Brener\(^1\), Eran Mel\(^1\), Shlomit Shalitin\(^1,2\), Liora Lazar\(^1,2\), Liat de Vries\(^1,2\), Ariel Tenenbaum\(^1,2\), Tal Oron\(^1\), Alon Farfel\(^1\), Moshe Phillip\(^1,2\), Yael Lebenthal\(^1,2\)

\(^1\)Endocrinology, The Jesse Z. and Sara Lea Shafer Institute for Endocrinology and Diabetes, National Center for Childhood Diabetes, Schneider Children’s Medical Center of Israel
\(^2\)Medicine, Sackler Faculty of Medicine, Tel Aviv University

12. **The Effect of Vitamin D Supplementation Metabolic Parameters and Arterial Stiffness in Diabetic Patients**

Shlomit Koren\(^1,3\), Alex Pomortsev\(^2\), Ronit Koren\(^1\), Amit Tiros\(^1\), Ahuva Golik\(^1\), Shai Efrati\(^2\)

\(^1\)Department of Internal Medicine A, Assaf Harofeh Medical Center
\(^2\)Research and Development Unit, Assaf Harofeh Medical Center
\(^3\)Diabetes Unit, Assaf Harofeh Medical Center

13. **Use of Basal – Bolus Insulin Protocol in Diabetic Patients Treated with Glucocorticoids in Internal Medicine Department: A Retrospective Cohort Study**

Elena Chertok Shacham\(^1\), Naama Schwartz\(^2\), Hila Kfir\(^1\), Avraam Ishay\(^1\)

\(^1\)Endocrinology, Haemek Medical Center
\(^2\)Statistics, Haemek medical center

14. **Lower Basal Insulin Dose - Better Control in Type 1 Diabetes**

David Strich\(^1\), Lucy Balgor\(^2\), David Gillis\(^3\)

\(^1\)Pediatric Specialists Clinics, Clalit Health Services, Jerusalem District and Shaare-Zedek Medical Center
\(^2\)Faculty of Medicine, Hebrew University
\(^3\)Pediatrics, Hadassah-Hebrew University Medical Center
15. **Metformin Does Not Increase Lactate Level in Patients Admitted to Internal Ward**
Shlomit Koren¹,², Shani Zilberman-Itskovich¹, Ronit Koren¹, Keren Doenyas-Barak³, Ahuva Golik¹

¹Department of Internal Medicine A, Assaf Harofeh Medical Center  
²Diabetes Unit, Assaf Harofeh Medical Center  
³Department of nephrology, Assaf Harofeh Medical Center

11:30-12:45 **Group 2: Thyroid, Pediatric, Reproduction**  
Chair: Zaki Kraiem and Eyal Robenshtok  
_Hall B_

16. **Clinical Characteristics and Disease Outcome of Patients with Nonmedullary Thyroid Cancer and Brain Metastases**
Ilana Slutzky-Shraga¹,³,⁴, Alex Gorshtein¹,³,⁴, Amit Akiró¹,⁴, Eyal Robenshtok¹,⁴, Dania Hirsch¹,⁴, Ilan Shimon¹,⁴, Carlos Benbassat¹,²,⁴

¹Endocrine Institute, Rabin Medical Center  
²Endocrine Institute, Assaf Harofeh Medical Center  
³Bat Yamon Clinic, Clalit Health Services  
⁴Sackler Faculty of Medicine, Tel Aviv University

17. **Clinical and Pathological Aspects of Amyloid Goiter in a Patient With Familial Mediterranean Fever**
Uri Yoel¹,³, Leonid Kachko²,³

¹Unit of Endocrinology, Soroka University Medical Center  
²Department of Diagnostic Pathology, Soroka University Medical Center  
³Faculty of health science, Ben-Gurion University of the Negev

18. **A Cohort of 134 Patients with Differentiated Thyroid Cancer and Distant Metastases Treated at a Single Tertiary Medical Center in Israel**
Carlos Benbassat¹,³, Alex Gorshtein²,³, Eyal Robenshto³¹,³, Gloria Tzvetov²,³, Amit Akiró²,³, Ilana Slutzky-Shraga³, Ilan Shimon²,³, Dania Hirsch²,³

¹Endocrine Institute, Assaf Harofeh Medical Center  
²Endocrine Institute, Rabin Medical Center, Beilinson Campus  
³Sackler School of Medicine, Tel Aviv University

19. **Spuriously Elevated Free T4 in Conjunction with Elevated TSH: a Case Report, the Proposed Mechanism, and a Suggestion for a Simple Confirmatory Test**
Uri Yoel¹,³, Emily Bosin², Yair Liel¹,³

¹Unit of Endocrinology, Soroka University Medical Center  
²Endocrine laboratory, Soroka University Medical Center  
³Faculty of health science, Ben-Gurion University of the Negev
20. Treatment of Resistance to Thyroid Hormone in Pregnancy: How to Address the Challenge?  
Elena Chertok Shacham¹, Elena Chervinsky², Avraham Ishay¹  
¹Endocrinology Unit, Haemek Medical Center  
²Genetic Institute, Haemek Medical Center

21. A Natural Experiment in Mass Media Modulated Pharmacokinetics After a Change in Tablet Formulation  
Gerta Brill¹, Natan Kahan², Daniel Vardy³, Dan-Andrei Waitman²  
¹Endocrinology, Leumi Health Fund  
²Health Policy, Leumi Health Fund

22. Infantile Consumption of Soy-Based Formula is Not Associated with Early Onset of Puberty and Overweight in School-Age Children  
Shelly Ben Avraham², Tali Sinai¹, Marianna Rachmiel²,³,⁴  
Inbal Guelman-Mizrahi¹, Michael R. Goldberg³, Galia Askapa²,  
Larisa Naugolini², Yitzhak Katz³,⁴  
¹School of Nutritional Sciences, The Hebrew University of Jerusalem  
²Pediatric Endocrinology Unit, Assaf-Harofeh Medical Center  
³Allergy and Immunology Institute, Assaf-Harofeh Medical Center  
⁴Sackler Faculty of Medicine, Tel Aviv University

23. Clinical Management of Children and Adolescents with Gender Dysphoria in Israel  
Asaf Oren¹,², Anat Segev-Becker¹, Galit Israeli¹, Gal Biran¹, Irit Modan¹,  
Tamar Adler Plaut¹, Ori Eyal¹,², Naomi Weintrob¹,²  
¹Pediatric Endocrinology and Diabetes Unit, Dana-Dwek Children Hospital, Tel Aviv Sourasky Medical Center  
²Sackler Faculty of Medicine, Tel Aviv University

24. Growth and Pubertal Patterns in Young Survivors of Acute Lymphoblastic Leukemia  
Shlomit Shalitin¹,⁴, Sarah Elitzur²,⁴, Isaac Yaniv²,⁴, Batia Stark²,⁴,  
Michal Yakobovitz-Gavan¹,⁴, Yael Lebenthal¹,⁴, Moshe Phillip¹,⁴,  
Revital Huri-Shotrecher³  
¹The Jesse Z. and Lea Shafer Institute of Endocrinology and Diabetes, Schneider Children's Medical Center of Israel  
²Pediatric Hematology Oncology, Schneider Children's Medical Center of Israel  
³Pediatric Department B, Schneider Children's Medical Center of Israel  
⁴Sackler Faculty of Medicine, Tel Aviv University

25. Vandetanib Induces a Significant Anti-tumor Effect in Metastatic Medullary Thyroid Carcinoma with Ectopic Cushing Syndrome: Case Report and Review of the Literature  
Hashem Bseiso¹, Naama Lev-Cohain², David J. Gross¹,  
Simona Grozinsky-Glasberg¹  
¹Neuroendocrine Tumor Unit, Endocrinology & Metabolism Service, Department of Medicine, Hadassah-Hebrew University Medical Center  
²Department of Radiology, Hadassah-Hebrew University Medical Center
26. **Role of An Inpatient Endocrine Consult Service at a Referral Medical Center in Israel: Preliminary Analysis of Treatment and Outcome Effects at the Tel Aviv-Sourasky Medical Center (TLVMC)**
   Esther Osher, Naomi Even Zohar, Michal Yaacobi-Bach, Dror Cantrell, Danna Zeid, Merav Serebro, Yael Sofer, Yona Greenman, Karen Tordjman, Naftali Stern
   *Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv-Sourasky Medical Center and Sackler Faculty of Medicine, Tel Aviv University*

27. **Hyperglycemia Affects the Pituitary Gonadotrope Epigenome**
   Ayah Saleh, Alona Feldman, Philippa Melamed
   *Faculty of Biology, Technion-Israel Institute of Technology*

28. **GnRH Induces Blebs Formation in the Gonadotrope LβT2 Cells; Members of a GnRH Receptor Associated Signalosome are Recruited to the Blebs**
   Liat Rahamim-Ben Navi, Zvi Naor
   *Biochemistry and Molecular biology, Tel Aviv University*

29. **Clinical and Hormonal Features of a Male with Selective Follicle-Stimulating Hormone (FSH) Deficiency**
   Rosane Ness-Abramof, Dana Herzberg, Mazia Sapir, Atari Ben-Ami, Yoav Eizenberg
   *Endocrinology Diabetes and Metabolism- Migdal Ha Mea Medical Center, Klalit Health Services*

30. **Mega-Giant Prolactinomas: a Large Cohort of Massive and Aggressive Pituitary Adenomas**
   Ilan Shimon¹, Ernesto Sosa², Victoria Mendoza², Yona Greenman³, Amit Tirosh¹, Vera Popovic⁴, Andrea Glezer⁵, Marcello D Bronstein⁵, Moises Mercado²
   ¹*Institute of Endocrinology, Rabin-Beilinson Medical Center, and Sackler Faculty of Medicine, Tel Aviv University, Israel*
   ²*Endocrinology Service, Hospital de Especialidades, Mexico*
   ³*Institute of Endocrinology, Tel Aviv-Sourasky Medical Center*
   ⁴*School of Medicine, University of Belgrade, Serbia*
   ⁵*Nervoendocrine Unit, Hospital das Clinicas, University of Sao Paulo, Brazil*
31. **Role of the Endocannabinoid/Cannabinoid-1 (CB1) Receptor System in Prader-Willi Syndrome**
Ibrahim Knani¹, Shahar Azar¹, Saja Baraghithy¹, Shiran Udi¹, Anna Permyakova¹, Rivka Hadar¹, Harry J Hirsch², Talia Eldar-Geva³, Varda Gross-Tsur³, Rachel Wevrick⁴, Joseph Tam¹
¹The Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem
²Neuropediatric Unit, Department of Pediatrics, Shaare Zedek Medical Center
³Reproductive Endocrinology and Genetics Unit, Department of Obstetrics and Gynecology, Shaare Zedek Medical Center
⁴Department of Medical Genetics, University of Alberta, Canada

32. **Peroxisome Proliferator-Activated Receptor Alpha (PPARα) Plays an Important Role in the Attenuation of Fatty Liver by Cannabinoid-1 (CB1) Receptor Blockade**
Shahar Azar¹, Adi Drori¹, Ibrahim Knani¹, Shiran Udi¹, Rivka Hadar¹, Kiran V Vemuri², Alexandros Makriyannis², Jeffrey M Peters³, Joseph Tam¹,²
¹Obesity and Metabolism Laboratory, The Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem
²Center for Drug Discovery, Northeastern University, USA
³Department of Veterinary and Biomedical Sciences, The Center for Molecular Toxicology and Carcinogenesis, The Pennsylvania State University, University Park, USA

33. **Putative Role of Autophagy in Adipose Tissue Macrophage Lipid Handling**
Sapir Bechor¹, Yulia Haim¹, Martin Gericke², Guy Las¹, Assaf Rudich¹
¹Clinical Biochemistry and Pharmacology, Ben-Gurion University of the Negev
²Institute of Anatomy, University of Leipzig, Germany
34. **Autophagy-Adipocytokine Cross-Regulation in Adipose Tissue and Adipocytes May Link Obesity to Adipose Tissue Endocrine Dysfunction**  
Nir Goldstein¹, Yulia Haim¹, Noa Slutsky¹, Boris Kirshtein², Ilana Harman-Boehm², Maayan Vaterescu¹, Yiftach Gepner³, Iris Shai³, Nava Bashan¹, Matthias Blüher⁴, Assaf Rudich¹⁵  
¹Department of Clinical Biochemistry and Pharmacology, Ben-Gurion University of the Negev, Faculty of Health Sciences  
²Soroka Academic Medical Center and Faculty of Health Sciences, Ben-Gurion University of the Negev  
³Department of Epidemiology, Ben-Gurion University of the Negev  
⁴Department of Medicine, University of Leipzig, Germany  
⁵National Institute of Biotechnology in the Negev, Ben-Gurion University of the Negev

35. **Safety of Thiazide Diuretic Treatment in Patients with Primary Hyperparathyroidism – a Retrospective Analysis**  
Gloria Tsvetov¹,², Dania Hirsch¹,², Carlos Ben-Bassat¹,², Ilan Shimon¹,², Hiba Masri-Iraqi¹,², Alexander Gorshtein¹,², Dana Herzberg¹, Ilana Shraga-Slutzky¹,², Talia Diker-Cohen¹  
¹Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Campus  
²Sackler Faculty of Medicine, Tel Aviv University

36. **The Effect of Glucose Control on Short and Long Term Outcomes Following Surgical Repair of Hip Fracture**  
Orit Twito¹, Gilad Borisovsky², Racheli Heffez Ayzenfeld²,³,⁴, Yitshal Berner³,⁴  
¹Endocrinology, Diabetes and Metabolism Institute, Meir Medical Center  
²Internal Medicine A, Meir Medical Center  
³Geriatric Medicine, Meir Medical Center  
⁴Faculty of Medicine, Tel-Aviv University

37. **Paget’s Disease in Israel - Characteristics of a Large Cohort of Patients Treated at a Single Medical Center**  
Alexander Gorshtein¹,², Ilana Slutzky-Shraga¹,², Gloria Tsvetov¹,², Dania Hirsch¹,²  
¹Institute of Endocrinology, Rabin Medical Center, Beilinson Hospital  
²Sackler Faculty of Medicine, Tel Aviv University

38. **Bone Remodeling Markers in Hypertensive Patients With and Without Diabetes Mellitus: Link Between Bone and Glucose Metabolism**  
Marina Shargorodsky, Zeev Feldbrin  
Endocrinology, Wolfson Medical Center
39. Increased Risk for Hip Fracture in Winter in the Population of the Negev is Associated with Influenza Infection
Merav Fraenkel¹, Maayan Yitshak-Sade², Lisa Beacher², Moriah Carmeli³, Michal Mandelboim⁴, Ethel Siris⁵, Victor Novack²
¹Endocrine Unit, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev
²Clinical Research Center, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev
³Ben Gurion University Medical School, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev
⁴Central Virology Laboratory, Sheba Medical Center, Tel-Hashomer,
⁵Division of Endocrinology, Columbia University Medical Center, USA

40. Does Adiponectin in Serum or Synovial Fluid Predict Arthroscopy Assessed Cartilage Damage Severity in Patients with Symptomatic Knee Osteoarthritis?
Marina Shargorodsky, Oren Nugzar
Endocrinology, Wolfson Medical Center

41. An Open-Label, Single Center Study Assessing the Efficacy of Amorphous Calcium Carbonate (ACC) Supplement in the Management of Primary Hypoparathyroidism
Elena Segal¹,², Sophia Ish-Shalom³
¹Endocrine Institute, Rambam Health Care Campus
²The Bruce Rappaport Faculty of Medicine, Technion- Israel Institute of Technology
³Outpatient, Elisha Hospital, Israel

42. Hyponatremia and Decreased Bone Density in Adolescents Inpatients Diagnosed with Anorexia Nervosa
Yael Levy-Shraga¹,¹, Dana David³, Iris Vered³, Brigitte Kochavi², Daniel Stein²,³, Dalit Modan-Moses¹,³
¹Pediatric Endocrinology Unit, The Edmond and Lily Safra Children's Hospital, Chaim Sheba Medical Center, Tel-Hashomer
²Pediatric Psychosomatic Department, The Edmond and Lily Safra Children's Hospital, Chaim Sheba Medical Center, Tel-Hashomer
³The Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel
⁴Institute of Endocrinology, Chaim Sheba Medical Center, Tel-Hashomer

43. Normal Ranges of Basal and Glucagon-Stimulated Free Cortisol in Children
Anita Schachter Davidov¹, Ori Eyal¹, Asaf Oren¹, Anat Segev Becker¹, Rona Limor², Naftali Stern², Naomi Weintrob¹
¹Pediatric Endocrinology and Diabetes, Tel Aviv Sourasky Medical Center
²Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Israel
44. Laparoscopic Adrenalectomy for Cushing Syndrome During Pregnancy  
Karen Or¹, Ronit Koren¹, Hana Nachmani Yaniv², Ortal Neeman²,  
Shlomit Koren¹, Carlos Benbassat¹, Philip Hagag¹  
¹Endocrine Institute, Assaf Harofeh Medical Center  
²Obstetrics and Gynecology, Assaf Harofeh Medical Center

12:45-13:45 Lunch Break and Exhibition Visit

13:45-14:30 Plenary Lecture 3  
Chair: Zaki Kraiem

13:45 New Approaches to the Diagnosis and Treatment of Thyroid Disease  
Anthony Hollenberg  
Chief Division of Endocrinology, Diabetes and Metabolism, Beth Israel Deaconess Medical Center, Professor of Medicine, Harvard Medical School, Boston, MA, USA

Parallel Sessions

14:30-16:00 Hormone Replacement Therapy HRT  
Chair: Zeev Blumenfeld

14:30 Updated Treatments of the Menopause and Beyond  
Ronit Haimov-Kochman  
Department of Obstetrics and Gynecology, Hadassah Medical Center

15:00 Cardiovascular System- Menopause and HRT  
Gideon Kopernik  
Head of Gynaecology Emergency Unit and Menopause Clinic, Kaplan Medical Center

15:30 Menopausal Hormone Therapy for Breast Cancer Survivors  
Avraham Ben Chetrit  
Department of Obstetrics and Gynecology, Shaare Zedek Medical Center, Jerusalem
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<td>14:30-16:00</td>
<td><strong>Pediatric Bone</strong></td>
<td>Hall B</td>
<td><em>David Strich and Nehama Zuckerman-Levin</em></td>
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<td>Clinical and Genetic Characteristics of Pediatric Osteoporosis</td>
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<td>Professor of Pediatric Endocrinology, University of Helsinki, Helsinki, Finland</td>
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<td>15:00</td>
<td>Bone Maturation and Bone Age</td>
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<td>Zeev Hochberg</td>
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<td>Faculty of Medicine, The Technion - Israel Institute of Technology, Haifa</td>
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<td>15:30</td>
<td>Activation of Endogenous Stem Cells: Novel Therapies for Bone Regeneration</td>
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<td>Skeletal Biotechnology Lab, Hebrew University - Hadassah Medical Campus</td>
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<td>16:00-16:30</td>
<td>Coffee Break and Exhibition Visit</td>
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<td>16:30-18:00</td>
<td><strong>Endocrine Disruptors</strong></td>
<td>Hall A</td>
<td><em>Karen Tordjman and Naomi Weintrob</em></td>
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<td>16:30</td>
<td>Impact of Yesterday's Genes and Today's (Diet and) Chemicals on Tomorrow's Women</td>
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<td>Cincinnati Children's Hospital, USA</td>
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<td>17:00</td>
<td>EDCS and Epigenetics</td>
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<td>Ronit Machtinger</td>
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<td>IVF and Infertility Unit, Chaim Sheba Medical Center, Tel-Hashomer</td>
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<td>17:30</td>
<td>EDCs and Male Reproduction</td>
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<td>Hagai Levine</td>
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<td>Head, Health and Environment Track, Braun School of Public Health and Community Medicine, Hebrew University-Hadassah, Jerusalem, Adjunct Assistant, Professor, Department of Preventive Medicine, Mount Sinai School of Medicine, New York, USA</td>
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16:30-18:00  
**Tumor Environment**  
*Chair: Haim Werner*  
*Hall B*

16:30  
**Neutrophils in Cancer, Old Controversies and New Perspectives**  
*Zvi Granot*  
*Immunology, Cancer Research, Hebrew University of Jerusalem*

17:00  
**Breaking Bad: Cancer Associated Fibroblasts Are Reprogrammed from Growth Inhibitory to Tumor-Promoting in Breast Cancer**  
*Neta Erez*  
*Department of Pathology, Sackler Faculty of Medicine, Tel Aviv University*

17:30  
**Bi-Directional Communication between Melanoma Cells and the Micro Environment**  
*Carmit Levy*  
*Human Molecular Genetics and Biochemistry, Sackler Faculty of Medicine, Tel Aviv University*

18:00-19:00  
**Meet the Professor / Expert**  
*Chair: Zeev Hochberg*  
*Hall A*

18:00  
**Update on Treatment of Pediatric Osteoporosis**  
*Outi Makitie*  
*Professor of Pediatric Endocrinology, University of Helsinki Helsinki, Finland*

18:00-19:00  
**Meet the Professor / Expert**  
*Chair: Yona Greenman*  
*Hall B*

18:00  
**Approach to the Patient with Macronodular Adrenal Hyperplasia**  
*Constantine Stratakis*  
*Eunice Kennedy Shriver National Institute of Child Health and Human Development, Maryland, USA*

19:00-21:30  
**Show Time**  
*Sponsored by Sanofi Aventis, GENZYME*  
*Bistro Hall*

19:00  
**Buffet Light Dinner**

19:30  
**The Tenor**

ןקרונט הסטרט “הטנור” - אודיאות זמר אופרה המתחדד עם סרטן התירואיד, הרצעת פיתוח ההומיקן י’י, קח כה, מנהל תכניות השימוע הדמיד, מנהל מרכז ב限量: "תִּשְׁנֶל בוֹפָרֵעַ קוֹל הַקְּשָׁרְוָא לִיִּתְוָא, בְּלוֹטֵי הָחָרִים."
**Thursday April 14, 2016**

07:30-08:30 **Registration & Reception and Exhibition Visit**

**Parallel Sessions**

08:30-10:15 **Oral Presentations: Bones, Adrenals and NET**

*Hall A*

*Chairs: Liana Tripto and Eti Osher*

08:30 **Fracture Liaison Service in the Negev- 18 Months of Fracture Prevention**

Merav Fraenkel¹, Uri Yoel¹, Vitaly Medvedovsky¹, Vera Polischuk², Rita Troitsa³, Poliana Shamgar³, Michal Lamberger³, Avital Blum³, Orly Weinstein⁴, Dvora Lieberman⁵, Victor Novack³, Ethel Siris⁶

¹Endocrine Unit, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba

²Internal Medicine, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba

³Clinical Research Center, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba

⁴Deputy General Director, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba

⁵Geriatrics, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba

⁶Division of Endocrinology, Columbia University Medical Center, New York, USA

08:45 **Familial Hyperparathyroidism: Results of Genetic Screening for Familial Hypocalciuric Hypercalcemia Type 1 and 3**

Auryan Szalat¹, Shoshana Shpitzen¹, Anat Tsur¹, Ilana Koren⁵, Gabriel Munter³, Vardiella Meiner²

¹Endocrinology and Metabolism Service, Internal Medicine Ward, Hadassah Hebrew University Hospital, Jerusalem

²Human Genetics, Hadassah Hebrew University Hospital, Jerusalem

³Internal Medicine Ward, Shaare Zedek Medical Center, Jerusalem

⁴Endocrinology and Diabetes, Clalit Health Services, Jerusalem

⁵Pediatrics Endocrinology, Carmel Hospital, Armon Child Center, Clalit Health Services, Haifa
09:00

**Bone Mineral Density in Prader Willi Syndrome: A Search for Genetic Markers**
Talia Eldar-Geva¹²₅, Varda Gross-Tsur²₅, Harry J. Hirsch², Ari Zimran³⁵, Amir Weintraub¹, Gheona Altarescu³⁴⁵
¹Reproductive Endocrinology and Genetics Unit, Department of Obstetrics and Gynecology, Shaare-Zedek Medical Center, Jerusalem
²PWS Multidisciplinary Clinic, Neuropediatric Unit, Department of Pediatrics, Shaare-Zedek Medical Center, Jerusalem
³Gaucher Clinic, Shaare-Zedek Medical Center, Jerusalem
⁴Genetic Institute, Shaare-Zedek Medical Center, Jerusalem
⁵Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem

09:15

**The Role of Hepatic Intra-arterial Therapies in Metastatic Neuroendocrine Tumours (NETs): A Specialist Center Experience**
Simona Grozinsky-Glasberg¹, Alexander Klimov², Asher Salmon³, Hashem Besiso¹, Ophra Maimon³, Amichay Meirovitz³, Allan I. Bloom², David J. Gross¹
¹Neuroendocrine Tumor Unit, Endocrinology & Metabolism Service, Department of Medicine, Hadassah-Hebrew University Medical Center, Jerusalem
²Department of Radiology, Hadassah-Hebrew University Medical Center, Jerusalem
³Sharet Institute of Oncology, Hadassah-Hebrew University Medical Center, Jerusalem

09:30

**Novel Genetic Changes in Autosomal Dominant, ACTH Independent Macronodular Adrenal Hyperplasia Associated with Hypercortisolism and Giant Adrenals**
Gabriel Munter¹, Rachel Beer², Geona Altarescu², Ruhama Weiss², Fabio Rueda Fauicz³, Annabel Berthon³, Constantine Stratakis³
¹Internal Medicine and Endocrine Unit, Shaare Zedek Medical Center affiliated with Faculty of Medicine-Hebrew University, Jerusalem
²Medical Genetics Institute, Shaare Zedek Medical Center affiliated with Faculty of Medicine-Hebrew University, Jerusalem
³Section on Endocrinology and Genetics Program on Developmental Endocrinology and Genetics, National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, USA

09:45

**Cushing’s Syndrome in Israel - New Incidence Data**
Dania Hirsch¹²₃, Gloria Tsvetov¹²₃, Yosef Mansisterski³, Nirit Aviran-Barak³, Varda Nadler⁴, Sandra Alboim⁴, Vered Kopel⁴
¹Institute of Endocrinology, Rabin Medical Center, Beilinson Hospital, Petach Tikva
²Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv
³Endocrinology, Maccabi Health Care Services
⁴Central Laboratory, Maccabi Health Care Services
10:00  **Five-Hour Serum Cortisol Concentration Profile after Hydrocortisone Loading – an Effective Tool for Optimization of Replacement Therapy in Adrenal Insufficiency**

*Merav Serebro, Ohad Bentur, Yael Sofer, Etty Osher, Naftali Stern, Yona Greenman*

*Institute of Endocrinology, metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Tel Aviv*

08:30-10:15  **Oral Presentations: Diabetes and Obesity**  
*Hall B*

**Chairs: Amir Tirosh and Gil Leibowits**

08:30  **A Founder CISD2 Mutation (Wolfram Type 2) is a Common Cause of Anti-GAD Negative "Type 1 Diabetes"**

*Elected as Best Clinical Abstract*

*Ulla Najwa Abdulhag¹, Abdulsalam Abu Libdeh¹, Maha Abdulhadi Atwan¹, Ariella Weinberg Shukron³, Adi Aurbach¹, Eran Lavi¹, Gil Leibowitz², David Zangen¹*

¹Division of pediatric endocrinology, Hadassah Hebrew University Medical Center, Jerusalem
²Division of endocrinology, Hadassah Hebrew University Medical Center, Jerusalem
³Department of medical genetics, Shaare Zedek Medical Center, Jerusalem

08:45  **Resistin/Adiponectin/FGF21 Interplay in SH-SY5Y Neural Cells and DIO Rodents: a Novel Mechanism Contributing to Insulin Resistance**

*Arieh Gertler¹, Yacir Benomar², Hamza Amine², Délphine Crépin², Sarah Al Rifai², Laure Riffault², Gili Solomon¹, Mohammed Taouis²*

¹The Institute of Biochemistry, Food Science, and Nutrition, The Hebrew University of Jerusalem, Rehovot
²NMPA, Neurosciences Paris Saclay Institute (NeuroPSI), Department molecules & circuits, CNRS UMR 9197, University Paris-Sud, Orsay, France

09:00  **The Effect of Glucose Control During Hospitalization in Internal Medicine Wards on Morbidity and Mortality Among Elderly Patients**

*Orit Twito¹, Roni Meidan², Pnina Rotman-Pikelny¹², Dan Nabriski¹²*

¹Endocrinology, Diabetes and Metabolism Institute, Meir Medical Center
²Faculty of Medicine, Tel-Aviv University
09:15 Mortality of Admitted Patients with Diabetes Mellitus According to Treatment (MADMAT Study)
Amit Akirov\textsuperscript{1,2}, Dror Dicker\textsuperscript{2,3}, Ilan Shimon\textsuperscript{1,2}
\textsuperscript{1}Institute of Endocrinology, Rabin Medical Center, Bellinson Campus, Petah Tikva
\textsuperscript{2}Sackler School of Medicine, Tel Aviv University, Tel Aviv
\textsuperscript{3}Department of Internal Medicine D, Rabin Medical Center, Hasharon Hospital, Petah Tikva

09:30 Early Insulin Secretion Defect and Matenal Inheritance Characterizes Males with Type 2 Diabetes of Yemenite Origin
Taiba Zornitzki\textsuperscript{1}, Moran Blaychfeld–Magnazi\textsuperscript{1,2}, Mira Ulman\textsuperscript{1}, Zecharia Madar\textsuperscript{2}, Hilla Knobler\textsuperscript{1}
\textsuperscript{1}Diabetes, Metabolic and Endocrinology Unit, Kaplan Medical Center, Hebrew University Medical School of Jerusalem, Rehovot, Israel
\textsuperscript{2}Institute of Biochemistry, Food Science and Nutrition, Robert H. Smith Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem, Israel, Blaychfeld–Magnazi Moran, Rehovot

09:45 The Myth Behind the Normo-Metabolic Obesity: the Correlation Between Metabolic Syndrome Components and Weight Starts at the Low-Normal Weight and Extends Continuously All the Way to Obesity
Yonit Marcus\textsuperscript{1}, Elad Segev\textsuperscript{2}, Gabi Shefer\textsuperscript{1}, Dana Zaid\textsuperscript{1}, Galina Shenkerman\textsuperscript{1}, Shani Shenar\textsuperscript{3}, Itzhak Shapiro\textsuperscript{3}, Shlomo Berliner\textsuperscript{3}, Naftali Stern\textsuperscript{1}
\textsuperscript{1}Endocrinology, Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv
\textsuperscript{2}Applied Mathematics, Holon Institute of Technology, Holon
\textsuperscript{3}Internal Medicine H, Departments of Medicine H and preventive medicine, Tel Aviv

10:00 T-Cell Receptor Repertoires in Type-1 Diabetes are Promising Biological Markers Linking Genetics and Disease
Tal Oron\textsuperscript{1,3}, Eric Shifrut\textsuperscript{2}, Quan Li\textsuperscript{1}, Luc Marchand\textsuperscript{1}, Nir Friedman\textsuperscript{2}, Constantin Polychronakos\textsuperscript{1}
\textsuperscript{1}Endocrine genetics lab, Research Institute of the McGill University Health center, Montreal, Canada
\textsuperscript{2}Immunology, Weizmann Institute of Science, Rehovot
\textsuperscript{3}The Institute For endocrinology and diabetes, Schneider Children’s Medical Center of Israel, Petah-Tikva
<table>
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<th>Time</th>
<th>Oral Presentations: Growth/Cancer</th>
<th>Hall C</th>
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<tr>
<td>08:30</td>
<td><strong>Cancer Protection in Laron Syndrome Patients is Associated with IGF-1 Dependent Increase in Thioredoxin Interacting Protein (TXNIP) Gene Expression</strong>&lt;br&gt;Karthik Nagaraj¹, Lena Lapkina¹, Rive Sarfstien¹, Zvi Laron², Haim Werner¹&lt;br&gt;¹Human molecular genetics and Biochemistry, Sackler school of medicine, Tel Aviv university, Tel Aviv&lt;br&gt;²Schneider Children’s Medical Center, Endocrine and Diabetes Research Unit, Petah Tikva</td>
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<td>08:45</td>
<td><strong>Luminal STAT5 Mediates H2AX Promoter Activity in Distinct Population of Basal Mammary Epithelial Cells</strong>&lt;br&gt;Moshe Reichenstein¹, Gat Rauner¹², Shenhav Kfir¹², Tatiana Kisliouk¹, Itamar Barash¹&lt;br&gt;¹Institute of Animal Science, Volcani Center, Bet-Dagan&lt;br&gt;²The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Rehovot</td>
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<td>09:00</td>
<td><strong>Foxo1 is Involved in Estrogen Receptor Signaling in Pancreatic Beta Cells</strong>&lt;br&gt;Meital Grafi-Cohen¹, Dalia Somjen¹², Gabi Shefer¹, Orly Sharon¹, Nadav Sagiv¹, Stern Naftali¹², Sigal Shaklai¹&lt;br&gt;¹Institute of Endocrinology, Metabolism and Hypertension, Tel-Aviv Sourasky Medical Center, Tel-Aviv&lt;br&gt;²Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv</td>
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<td>09:15</td>
<td><strong>Involvement of MEK5/ERK5 in the Regulation of Nrf2 Functional Activity and Differentiation of Acute Myeloid Leukemia Cells Induced by 1,25-Dihydroxyvitamin D3</strong>&lt;br&gt;Aviram Trachtenberg, Elena Ruderman, Michael Danilenko&lt;br&gt;Clinical Biochemistry &amp; Pharmacology, Ben Gurion University of the Negev, Beer Sheeva</td>
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<td>09:30</td>
<td><strong>Targeting IGF-1R in Breast Cancer: Combined Treatment With Conventional Chemotherapeutic Drugs</strong>&lt;br&gt;Tali Sinai¹², Haim Werner¹, Raanan Berger²&lt;br&gt;¹Human Molecular Genetics and Biochemistry, Tel-Aviv University, Tel Aviv&lt;br&gt;²Division of Medical Oncology, Sheba Medical Center, Ramat-Gan</td>
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09:45  Healing a Failing Heart: a Novel Anti-Apoptotic Role of StAR Expressed in Tissue Repairing Cardiac Fibroblasts
Eli Anuka¹, Talya Razin¹, Naomi Melamed-Book², Tiki Sasson¹, Nili Naftali-Shani³, Radka Holbova³, Jonathan Leo³, Joseph Orly¹
¹Department of Biological Chemistry, The Alexander Silberman Institute of Life Sciences, The Hebrew University of Jerusalem, Jerusalem
²Bio-Imaging unit, The Alexander Silberman Institute of Life Sciences, The Hebrew University of Jerusalem, Jerusalem
³Tamman Cardiovascular Institute, and Sheba Center of Regenerative Medicine, Stem Cells and Tissue Engineering, Sheba Medical Center, Tel-Hashomer; Neufeld Cardiac Research Institute, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv

10:00  CD24 Cell Surface Expression In Mammary Cancer Cells Overexpressing C-myc/VEGF Serves As a Biomarker For Sensitivity To Anti-IGF1R Therapy
Rula Rashed¹, Sarit Ben-Shmuel², Zila Shen-orr³, Derek LeRoith²,³, Ran Rostoker²
¹Faculty of medicine, Technion, Haifa, Israel
²Diabetes and Metabolism Clinical Research Center of Excellence, Clinical Research Institute at Rambam (CRIR), Rambam medical center, Haifa
³Department of Medicine, Icahn School of Medicine at Mt Sinai, New-York, USA

10:15-10:45  Coffee Break, Refreshments and Exhibition Visit

10:45-11:30  Plenary Lecture 4  Hall A
   Chair: Philippa Melamed

10:45  Stem Cells & Pituitary Development
   Karine Rizzoti
   The Francis Crick Institute Mill Hill Laboratory, London, UK

Parallel Sessions

11:30-13:00  Stem Cells at the Pursuit of Translational Biology  Hall A
   Chair: Benjamin Reubinoff

11:30  Modeling Human Disorders using Pluripotent Stem Cells
   Nissim Benvenisty
   Dept. of Genetics, The Alexander Silberman Inst. of Life Sciences, The Hebrew University of Jerusalem
12:00  **Adipose Derived Endothelial and Mesenchymal Stem Cells Enhance Vascular Network Formation and Induce Vascularization of Engineered Tissue Flaps**  
*Shulamit Levenberg*  
*Faculty of Medicine, The Technion - Israel Institute of Technology*

12:30  **PAR2: a Passe-Partout for Regeneration, Transdifferentiation, and Death in Diabetes and Much More**  
*Ron Piran*  
*Faculty of Medicine in the Galilee, Bar-Ilan University, Zefat*

### Thyroid Cancer  
**Hall B**

11:30-13:00

11:30  **2015 Thyroid Nodule and Cancer Guidelines - What’s New?**  
*Eyal Robenshtok*  
*Department of Endocrinology, Rabin Medical Center-Beilinson Campus*

12:00  **Molecular Analysis of Indeterminate Nodules**  
*Anat Jaffe*  
*Department of Endocrinology, Hillel Yaffe Medical Center*

12:30  **Pediatric Thyroid Cancer**  
*Liora Lazar*  
*Endocrinology and Diabetes, Schneider Children’s Medical Center of Israel*

### Lunch Break and Exhibition Visit

13:00-14:00

14:00-15:45  **Prizes Session and General Assembly**  
**Hall A**

14:00  **Host Microbiome Interactions in Health and Disease**  
*Eran Elinav* - Recipient of Hans Lindner Prize  
*Immunology Department, Weizmann Institute of Science, Rehovot*

14:30  **Regulation of Growth and Metabolic Homeostasis by the Novel Histone Like Protein Heterochromatin Protein 1 Binding Protein 3 (HP1BP3)**  
*Benny Garfinkel* - Recipient of the Israel Chowers Prize  
*The Edmond and Lily Safra Center for Brain Sciences, The Alexander Silberman Institute of Life Sciences, The Hebrew University of Jerusalem*

14:45  **Prizes for Best Clinical/Basic Abstracts**

15:00  **IES Members Assembly Meeting**

**ELECTIONS RESULTS**
15:45-16:00  **Coffee Break and Exhibition Visit**

### Parallel Sessions

**16:00-17:30  Pregnancy Endocrinology  
Chair: Yoel Toledano and Ronit Koren  
Hall A**

16:00  **Hyperparathyroidism**  
Dania Hirsh  
*Endocrinology, Rabin Medical Center, Beilinson*

16:30  **Management of Congenital Adrenal Hyperplasia During Pregnancy - Optimizing Outcomes**  
Naomi Weintrob  
*The Pediatric Unit for Endocrinology and Diabetes, Dana-Dwek Children’s Hospital, Tel Aviv Sourasky Medical Center*

17:00  **Pregnancy & Cushing**  
Yona Greenman  
*Endocrinology Department, Tel-Aviv Sourasky Medical Center*

**16:00-17:30  Obesity and Metabolism  
Chair: Assaf Rudich  
Hall B**

16:00  **GIP - a Linker between the Metabolic and Immunologic Systems**  
Sigal Fishman  
*Gastroenterology, Tel-Aviv Sourasky Medical Center, Tel Aviv*

16:30  **The Food Preservative Propionic Acid Induces Post-Prandial Hepatic Insulin Resistance – A Neuroendocrine Mechanism**  
Amir Tirosh  
*Sheba Medical Center*

17:00  **What is New in Diabetic Wound Treatment: A Potential Use of Human Inducible Stem Cells**  
Mogher Khamaisi  
*Endocrinology, Rambam Medical Center, The Technion - Israel Institute of Technology*