

האגודה
הישראלית
לאנדוקרינולוגיה

IES

Israel
Endocrine
Society



PROGRAM

THE 45TH ANNUAL MEETING
OF THE ISRAEL ENDOCRINE SOCIETY

12-14 APRIL, 2016 | INBAL HOTEL, JERUSALEM

Program at a Glance

April 12, 2016			
16:00-16:30	Registration & Reception		
16:30- 17:15	Plenary Lecture 1: Philippe Froguel (UK, France) Chair: Eddy Karnieli "New Insight into Genetics of Diabetes and Obesity"		
17:15-18:45	Symposium 1 Neuroendocrine tumors NET Chairs: David Gross, Yodphat Krausz Hall A	17:15-18:15 Ima Ima- New Basic Concepts Chair: Yossi Orly Hall B	
	Rodney Hicks , Australia "The Role of Functional Imaging in NET Diagnosis, Treatment and Follow-Up"	Adi Mizrahi (HUJI) "Becoming A Mother - New Smells and Sounds in the Mother's Brain"	
	Simona Glasberg (Hadassah) "Update in Clinical Trials in NETs - What's in the Pipeline"		
	Robert Jensen , USA "Gastrinoma - State of the Art"		
April 13, 2016			
07:30-08:30	Registration, Exhibition Visit, Gathering and Refreshments		
08:30-10:15	Oral Presentations (3 Parallel Sessions)		
	Thyroid Chairs: Sagit Solotov and Yardena Tenenbaum-Rakover Hall A	Pediatric Endocrinology Chairs: Yael Lebenthal and Dalit Modan Hall B	Reproduction Chairs: Nava Dekel and Berta Levavi-Sivan Hall C
10:15-10:45	Coffee Break and Exhibition Visit		
10:45-10:50	Opening Remarks: Eddy Karnieli and Yossi Orly		
10:50- 11:30	Plenary Lecture 2: Constantine Stratakis, USA Chair: Yona Greenman "Update on the Clinical Investigation and Genetics of Cushing Syndrome"		
11:30-12:45	Guided Poster Session		
	Group 1: Diabetes Chairs: Hilla Knobler Joelle Singer Hall A	Group 2: Thyroid, Pediatric, Reproduction Chairs: Zaki Kraiem ,Eyal Robenshtok Hall B	Group 3: Obesity, Bone, Adrenal Chairs: Yossi Levy, David Zangen Hall C
12:45-13:45	Lunch Break		
	Dinning Room		

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 Hall A		Pediatric Bone Chairs: David Strich, Nehama Zuckerman-Levin Hall B
Ronit Kochman (Hadassah) "Updated Treatments of the Menopause and Beyond"		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 Hall A		Tumor Environment Chair: Haim Werner Hall B
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"

18:00-19:00	Meet the Professor / Expert (2 Parallel Sessions):		
Outi Makitie (Finland) "Update on Treatment of Pediatric Osteoporosis" Chair: Zeev Hochberg <i>Hall A</i>		Constantine Stratakis , USA "Approach to the Patient with Macronodular Adrenal Hyperplasia" Chair: Yona Greenman <i>Hall B</i>	
19:00-19:30 19:30-21:30	Buffet Light Dinner הקרנת הסרט "הטנור" - אודות זמר אופרה המתמודד עם סרטן התירואיד. הרצאת פתיחה תנתן ע"י דר' יקי כהן, מנהל מכון השמיעה והדיבור, מרמב"ם בנושא: "טיפול בהפרעות קול הקשורות לניתוחי בלוטת התריס" <i>Bistro Hall</i>		
April 14, 2016			
07:30-08:30	Registration and Exhibition Visit		
08:30-10:15	Oral Presentations (3 Parallel Sessions)		
	Bones, Adrenals and NET Chairs: Liana Tripto and Eti Osher <i>Hall A</i>	Diabetes and Obesity Chairs: Amir Tirosh and Gil Leibowits <i>Hall B</i>	Growth/Cancer Chairs: Yoav Sharoni and Haim Werner <i>Hall C</i>
10:15-10:45	Coffee Break and Exhibition Visit		
10:45-11:30	Plenary Lecture 4: Karine Rizzoti, UK Chair: Philippa Melamed "Stem Cells & Pituitary Development"		
11:30-13:00	Symposia 6-7 (2 Parallel Sessions)		
Stem Cells at the Pursuit of Translational Biology Chair: Benjamin Reubinoff <i>Hall A</i>		Thyroid Cancer Chairs: Carlos Benbassat <i>Hall B</i>	
Nissim Benvenisty (HUJI) "Modeling Human Disorders using Pluripotent Stem Cells"		Eyal Robenshtok (Rabin Center) "The 2015 Thyroid Nodule and Cancer Guidelines - What's New?"	
Shulamit Levenberg (Technion) "Adipose Derived Endothelial and Mesenchymal Stem Cells Enhance Vascular Network Formation and Induce Vascularization of Engineered Tissue Flaps"		Anat Jaffe (Hillel Yaffe) "Molecular Analysis of Indeterminate Nodules"	
Ron Piran (BIU Zfat) "PAR2: a Passe-Partout for Regeneration, Transdifferentiation, and Death in Diabetes and Much More"		Liora Lazar (Schneider) "Pediatric Thyroid Cancer"	

13:00-14:00	Lunch Break Dinning Room	
14:00-15:45	Prizes Session and General Assembly Chairs: Eddy Karnieli, Nehama Zuckerman-Levin and Yossi Orly	
	Lindner Prize Lecture (30 min) Chowers Prize Lecture (15 min) Prizes for Best Clinical/Basic Abstracts (15 min) IES Members Assembly Meeting (45 min) ELECTIONS RESULTS	
15:45-16:00	Coffee Break and Exhibition Visit	
16:00-17:30	Symposia 8-9 (2 parallel)	
	Pregnancy Endocrinology Chair: Yoel Toledano and Ronit Koren Hall A	Obesity and Metabolism Chair: Assaf Rudich Hall B
	Dania Hirsh (Rabin): Hyperparathyroidism	Sigal Fishman (Sourasky): "GIP - a Linker between the Metabolic and Immunologic Systems"
	Naomi Weintrob (Sourasky) Management of Congenital Adrenal Hyperplasia During Pregnancy - Optimizing Outcomes	Amir Tirosh (Sheba) "The Food Preservative Propionic Acid Induces Post-Prandial Hepatic Insulin Resistance – A Neuroendocrine Mechanism"
	Yona Greenman (Sourasky) "Pregnancy & Cushing"	Mogher Khamaisi (Rambam & Technion) "What is new in diabetic wound treatment: A potential use of human inducible stem cells"

האגודה
הישראלית
לאנדוקרינולוגיה

IES

Israel
Endocrine
Society



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 <i>Chair: Eddy Karnieli</i>	Hall A
	New Insight into Genetics of Diabetes and Obesity <u>Philippe Froguel</u> <i>Department of Genomics of Common Disease, School Of Public Health, Hammersmith Hospital Campus, London, United Kingdom and France</i>	
Parallel Sessions		
17:15-18:45	Symposium 1: Neuroendocrine Tumors NET <i>Chairs: David Gross, Yodphat Krausz</i> <i>Sponsored by Novartis</i>	Hall A
17:15	The Role of Functional Imaging in NET Diagnosis, Treatment and Follow-Up <u>Rodney Hicks</u> <i>Peter MacCallum Cancer Centre, Australia</i>	
17:45	Update in Clinical Trials in NETs - What's in the Pipeline <u>Simona Glasberg</u> <i>Neuroendocrine Tumor Unit, Endocrinology & Metabolism Service Department of Medicine, The Hadassah-Hebrew University Medical Center, Jerusalem</i>	
18:15	Gastrinoma - State of the Art <u>Robert Jensen</u> <i>Gastrointestinal Cell Biology Section, The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), USA</i>	
17:15-18:15	Ima Ima- New Basic Concepts <i>Chair: Yossi Orly</i>	Hall B
17:15	Becoming A Mother - New Smells and Sounds in the Mother's Brain <u>Adi Mizrachi</u> <i>Neurobiology, Inst. Life Sciences and ELSC, The Hebrew University of Jerusalem</i>	

Wednesday, April 13, 2016

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 Hirsch^{1,3}, Alexander Gorshtein^{1,3}, Eyal Robenshtok^{1,3}, Hiba Masri-Iraqi^{1,3}, Amit Akirov^{1,3}, Hadar Duskin Bitan^{1,3}, Ilan Shimon^{1,3}, Carlos Benbassat^{2,3}

¹*Institute of Endocrinology, Rabin Medical Center, Beilinson Hospital, Petach Tikva*

²*Endocrine Institute, Assaf Harofeh Medical Center*

³*Sackler 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-Rakover^{1,5}, Daniel J. Bernard³

¹*Pediatric Endocrine Institute, Ha'Emek Medical Center, Afula*

²*Galilee Genetic Analysis lab, Tel Hai College, Gallilee*

³*Department of Pharmacology and Therapeutics, McGill University, Montreal, Canada*

⁴*Department of Pediatrics, Johannes Gutenberg University Medical School, Mainz, Germany*

⁵*Rappaport 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 Serebro¹, Gabi Shefer¹, Rona Limor¹, Sivan Shamai³, Orit Gutfeld³, Naftali Stern¹, Karen Tordjman¹

¹*Institute of Endocrinology, Metabolism, and Hypertension, Tel Aviv Sourasky Medical Center, Tel Aviv*

²*Racine IVF Unit, Lis Maternity Hospital, Tel Aviv Sourasky Medical Center, Tel Aviv*

³*Radiation 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 Vries^{1,2}, Panudda Srichomkwun³, Osnat Admoni⁴, Samuel Refetoff^{3,5}

¹*Institute for Endocrinology and Diabetes, Schneider Children's Medical Center of Israel, Petach-Tikvah*

²*Sackler Faculty of medicine, Tel-Aviv University, Tel-Aviv*

³*Department of Medicine, The University of Chicago, Chicago, USA*

⁴*Pediatric Endocrine unit, Ha'Emek Medical Center, Afula*

⁵*Department 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

¹*Endocrinology & Metabolism Institute, Rabin Medical Center, Petah-Tikva*

²*Department of Otorhinolaryngology-Head and Neck Surgery, Rabin Medical Center, Petah-Tikva*

³*Endocrinology Unit, Assaf Harofeh Medical Center, Zerifin*

⁴*Head 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 Gal^{1,3}, Rina Hemi², Noah Gruber³, Sharon Sheinvald³, Yuval Landau^{4,6}, Marina Rubinshtein^{5,6}, Orit Pinhas-Hamiel^{3,6}, Hannah Kanety²

¹*Pediatric A, Edmond and Lily Safra Children's Hospital, Chaim Sheba Medical Center, Ramat Gan*

²*Institute of Endocrinology, Chaim Sheba Medical Center, Ramat Gan*

³*Pediatric Endocrinology and Diabetes Unit, Edmond and Lily Safra children's hospital, Chaim Sheba Medical Center, Ramat Gan*

⁴*Metabolic Unit, Edmond and Lily Safra children's hospital, Chaim Sheba Medical Center, Ramat Gan*

⁵*Department of Pediatric Intensive Care Unit, Edmond and Lily Safra children's hospital, Chaim Sheba Medical Center, Ramat Gan*

⁶*Sackler School of Medicine, Tel Aviv university, Tel Aviv, Ramat Gan*

10:00	<p>The Prevalence of Abnormal Thyroid Function Test in Low Risk Pregnant Women in Israel <u>Taiba Zornitzki</u>¹, Miron Froimovici², Rubi Amster³, Samuel Lurie^{2,3,4} 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, Wolfson Medical Center Holon, Sackler faculty of Medicine, Tel-Aviv University</p>	
08:30-10:15	<p>Oral Presentations: Pediatric Endocrinology Chairs: Yael Lebenthal and Dalit Modan</p>	Hall B
08:30	<p>The Actual Incidence of Small for Gestational Age (SGA) Newborns and Their Catch-Up Growth is Dramatically Lower than Previously Considered <u>Eran Lavi</u>¹, Abdulsalam Abu-Libdeh¹, Asher Shafrir¹, Hanna Shoob², Chen Stein Zamir^{2,3}, 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</p>	
08:45	<p>Growth without Growth Hormone: Can Growth and Differentiation Factor 5 be the Mediator? Biana Shtai^{1,3}, Nitsan Dror², Meytal Bar-Maisels^{1,2}, Moshe Phillip^{1,2,3}, <u>Galia Gat-Yablonski</u>^{1,2,3} ¹Molecular Endocrinology, Felsenstein Medical Research Center, Petach Tikva, ²Endocrinology and Diabetes, Schneider Children's Medical Center ³Endocrinology and Diabetes, Tel Aviv University</p>	
09:00	<p>The Effect of GH Treatment on Klotho Blood Levels in Children with Growth Hormone Deficiency Ido Wolf^{1,2}, Shiri Sahmoon^{1,2}, Michal Ben Ami³, Yael Levy-Shraga^{2,3}, Yonatan Yeshayahu³, Ram Doolman⁴, Rina Hemi⁵, Hannah Kanety⁵, Tami Rubinek¹, <u>Dalit Modan</u>^{2,3} 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</p>	

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

¹*Ukrainian Children Specialized Clinical Hospital, Kyev, Ukraine*

²*St. Petersburg State Pediatric Medical Academy, St. Petersburg, Russia*

³*Bashkir State Medical University, Ufa, Russia*

⁴*Oregon Health & Science University, Oregon, USA*

⁵*Kaplan Medical Center, Rehovot*

⁶*OPKO 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-Raz^{1,2}, Benjamin Wagner¹, Daniel Stein^{1,2}, Dana Hadar³, Orit Pinhas-Hamiel^{1,2}

¹*Pediatric Endocrine and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center*

²*Sackler School of Medicine, Tel-Aviv University*

³*The 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

¹*Endocrinology and Metabolism Service, Hebrew University-Hadassah Medical Center, Jerusalem*

²*The 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 Lebenthal^{1,2}, Efrat Sofrin-Drucker¹, Michal Yackobovitch-Gavan¹, Nessia Nagelberg¹, Liat de Vries^{1,2}, Shlomit Shalitin^{1,2}, Ariel Tenenbaum^{1,2}, Moshe Phillip^{1,2}, Liora Lazar^{1,2}

¹*The Jesse Z and Sara Lea Shafer Institute for Endocrinology and Diabetes, Schneider Children's Medical Center of Israel, Petah Tikva*

²*Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv*

08:30-10:15

Oral Presentations: Reproduction

Hall C

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

¹*Department of Cell and Developmental Biology, Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv*

²*Department 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

¹*Division of Pediatric Endocrinology, Hadassah Hebrew University Medical Center, Jerusalem*

²*Department of Genetics, Shaare Zedek Medical Center, Jerusalem*

³*Department 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'em²

¹*Institute of Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University, Jerusalem*

²*Dept. of Pharmaceutical Engineering, Azrieli - College of Engineering (JCE), Jerusalem*

09:15

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 AlSheqai², Simon Williams², Sanjeev Bhaskar², Zeev Blumenfeld^{5,6}, Kevin Munro⁷, Johannes Zschocke⁴, Wyatt Yue³, Raymond O'Keefe⁸, William Newman²

¹*Institute of Endocrinology, Diabetes and Metabolism, Rambam Health Care Campus, Haifa*

²*Institute of Human Development, Manchester Centre for Genomic Medicine, University of Manchester, Manchester, UK*

³*Structural Genomics Consortium, Nuffield Department of Clinical Medicine, University of Oxford, Oxford, UK*

⁴*Division of Human Genetics, Innsbruck Medical University, Innsbruck, Austria*

⁵*Department of Obstetrics and Gynecology, Reproductive Endocrinology, Rambam Health Care Campus, Haifa*

⁶*Faculty of Medicine, Technion - Israel Institute of Technology, Haifa*

⁷*School of Psychological Sciences, University of Manchester, Manchester, UK*

⁸*Faculty of Life Sciences, University of Manchester, Manchester, UK*

09:30

Menopause Is a Low Sirtuin1 State: The Ovariectomized Mouse Model

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

¹*Endocrinology and Metabolism Service, Hebrew University - Hadassah Medical School, Jerusalem*

²*Endocrinology and Metabolism Service, Hadassah-Hebrew University Medical Center, Jerusalem*

³*Institute of Medical Research Israel-Canada, Hebrew University - Hadassah Medical School, Jerusalem*

09:45

The Role of Angiogenesis in the Selection of Dominant Follicles

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

¹*Department of Biological Regulation, The Weizmann Institute of Science, Rehovot*

²*Department of Veterinary Resources, The Weizmann Institute of Science, Rehovot*

10:00

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

¹*Biology, Technion-Israel institute of Technology*

²*Department of Pharmacology and Toxicology, University of Saarland, School of Medicine, Germany*

10:15-10:45

Coffee Break, Refreshments and Exhibition Visit

10:45-10:50

Opening Remarks: Eddy Karnieli and Yossi Orly

10:50-11:30

Plenary Lecture 2

Hall A

Chair: Yona Greenman

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

11:30- 12:45

Guided Poster Session

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 Halabi¹, Moshe Shirav-Schwartz², Ronit Leiba³, Israel IDDM Registry Study Group IIRSG⁴, Ilana Koren⁵
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^{1,6}, Noam Oz^{1,6}, Guy Fishman^{1,6}, Tzippy Shohat^{2,6}, Ruth Rahamimov^{3,4,6}, Eytan Mor^{3,6}, Hefziba Green^{4,5,6}, Alon Grossman^{5,6}
¹Department of Internal Medicine B, Rabin Medical Center, Beilinson Campus
²Bio Statistical Unit, Rabin Medical Center, Beilinson Campus
³Department of Transplantation, Rabin Medical Center, Beilinson Campus
⁴Department of Nephrology and Hypertension, Rabin Medical Center, Beilinson Campus
⁵Department of Internal Medicine E, Rabin Medical Center, Beilinson Campus
⁶Sackler Faculty of Medicine, Tel Aviv University

5. **The Prognostic Significance of Admission Blood Glucose Levels in Elderly Patients with Pneumonia (GAP Study)**
Amit Akirov^{1,2}, Ilan Shimon^{1,2}
¹Institute of Endocrinology, Rabin Medical Center, Beilinson Campus
²Sackler 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 Zornitzki¹, Moran Blaychfeld– Magnazi^{1,2}, Hilla Knobler¹, Mira Ulman³
¹Endocrinology, Diabetes and Metabolic Disease Institute, Kaplan Medical Center, Hebrew University Medical School of Jerusalem
²Institute of Biochemistry Food Science and Nutrition, Hebrew University of Jerusalem
³Endocrinology Laboratory, Kaplan Medical Center

8. **Comparison of Insulin Detemir and Glyburide Treatment for Gestational Diabetes Mellitus**
 Ronit Koren Peleg^{1,3}, Eran Ashwal², Moshe Hod^{2,3}, Yoel Toledano²
¹Department of endocrinology, Institute of Endocrinology, Rabin Medical Center, Beilinson Hospital
²Division of Maternal Fetal Medicine, Helen Schneider Women's Hospital, Rabin Medical Center, Beilinson Hospital
³Sackler 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 Holtzman³, Tamar Stam², Amir Bashkin¹
¹Endocrinology and diabetes unit, Galilee Medical Center
²Biochemistry Laboratory, Galilee Medical Center
³Medicinal School, Bar Ilan University

10. **The Association Between Glucose Variability and Mortality in Non-Critically Ill Hospitalized Patients in The Galilee Medical Center**
 Malik Abu-Rayya², Orly Yakir⁴, Tamar Stam³, Marina Nodelman¹, Bella Gross⁵, Amir Bashkin¹
¹Endocrinology and Diabetes Unit, Galilee Medical Center
²Internal Medicine D, Galilee Medical Center
³Biochemistry Laboratory, Galilee Medical Center
⁴Statistic Unit, Galilee Medical Center
⁵Neurology department, 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 Brener¹, Eran Mel¹, Shlomit Shalitin^{1,2}, Liora Lazar^{1,2}, Liat de Vries^{1,2}, Ariel Tenenbaum^{1,2}, Tal Oron¹, Alon Farfel¹, Moshe Phillip^{1,2}, Yael Lebenthal^{1,2}
¹Endocrinology, The Jesse Z. and Sara Lea Shafer Institute for Endocrinology and Diabetes, National Center for Childhood Diabetes, Schneider Children's Medical Center of Israel
²Medicine, 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 Pomortsev², Ronit Koren¹, Amit Tirosh¹, Ahuva Golik¹, Shai Efrati²
¹Department of Internal Medicine A, Assaf Harofeh Medical Center
²Research and Development Unit, Assaf Harofeh Medical Center
³Diabetes 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 Shacham¹, Naama Schwartz², Hila Kfir¹, Avraam Ishay¹
¹Endocrinology, Haemek Medical Center
²Statistics, Haemek medical center

14. **Lower Basal Insulin Dose - Better Control in Type 1 Diabetes**
 David Strich¹, Lucy Balgor², David Gillis³
¹Pediatric Specialists Clinics, Clalit Health Services, Jerusalem District and Shaare-Zedek Medical Center
²Faculty of Medicine, Hebrew University
³Pediatrics, Hadassah-Hebrew University Medical Center

15. **Metformin Does Not Increase Lactate Level in Patients Admitted to Internal Ward**
Shlomit Koren^{1,2}, 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** *Hall B*
 Chair: **Zaki Kraiem and Eyal Robenshtok**
-
16. **Clinical Characteristics and Disease Outcome of Patients with Nonmedullary Thyroid Cancer and Brain Metastases**
Ilana Slutzky-Shraga^{1,3,4}, Alex Gorshtein^{1,4}, Amit Akirov^{1,4},
 Eyal Robenshtok^{1,4}, Dania Hirsch^{1,4}, Ilan Shimon^{1,4}, Carlos Benbassat^{1,2,4}
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 Yoel^{1,3}, Leonid Kachko^{2,3}
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 Benbassat^{1,3}, Alex Gorshtein^{2,3}, Eyal Robenshtok^{1,2,3},
 Gloria Tzvetov^{2,3}, Amit Akirov^{2,3}, Ilana Slutzky-Shraga², Ilan Shimon^{2,3},
 Dania Hirsch^{2,3}
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 Yoel^{1,3}, Emily Bosin², Yair Liel^{1,3}
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 Vardy², 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 Rachmiel^{2,4}, Inbal Guelman-Mizrahi¹, Michael R. Goldberg³, Galia Askapa², Larisa Naugolini², Yitzhak Katz^{3,4}
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 Oren^{1,2}, Anat Segev-Becker¹, Galit Israeli¹, Gal Biran¹, Irit Modan¹, Tamar Adler Plaut¹, Ori Eyal^{1,2}, Naomi Weintrob^{1,2}
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 Shalitin^{1,4}, Sarah Elitzur^{2,4}, Isaac Yaniv^{2,4}, Batia Stark^{2,4}, Michal Yackobovitz-Gavan^{1,4}, Yael Lebenthal^{1,4}, Moshe Phillip^{1,4}, Revital Huri-Shtrecher³
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 L β T2 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*Neroendocrine 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, Shazar Azar¹, Saja Baraghithy¹, Shiran Udi¹, Anna Permyakova¹, Rivka Hadar¹, Harry J Hirsch², Talia Eldar-Geva³, Varda Gross-Tsur², Rachel Wevrick⁴, Joseph Tam¹
¹*The Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem*
²*Neuropediatric Unit, Department of Pediatrics, Shaare Zedek Medical Center*
³*Reproductive Endocrinology and Genetics Unit, Department of Obstetrics and Gynecology, Shaare Zedek Medical Center*
⁴*Department 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**
Shazar Azar¹, Adi Drori¹, Ibrahim Knani¹, Shiran Udi¹, Rivka Hadar¹, Kiran V Vemuri², Alexandros Makriyannis², Jeffrey M Peters³, Joseph Tam^{1,2}
¹*Obesity and Metabolism Laboratory, The Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem*
²*Center for Drug Discovery, Northeastern University, USA*
³*Department 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
¹*Clinical Biochemistry and Pharmacology, Ben-Gurion University of the Negev*
²*Institute 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 Rudich^{1,5}
¹*Department of Clinical Biochemistry and Pharmacology, Ben-Gurion University of the Negev, Faculty of Health Sciences*
²*Soroka Academic Medical Center and Faculty of Health Sciences, Ben-Gurion University of the Negev*
³*Department of Epidemiology, Ben-Gurion University of the Negev*
⁴*Department of Medicine, University of Leipzig, Germany*
⁵*National 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 Tsvetov^{1,2}, Dania Hirsch^{1,2}, Carlos Ben-Bassat^{1,2}, Ilan Shimon^{1,2}, Hiba Masri-Iraqi^{1,2}, Alexander Gorshtein^{1,2}, Dana Herzberg¹, Ilana Shrager-Slutsky^{1,2}, Talia Diker-Cohen¹
¹*Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Campus*
²*Sackler 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 Ayzenfeld^{2,3,4}, Yitshal Berner^{3,4}
¹*Endocrinology, Diabetes and Metabolism Institute, Meir Medical Center*
²*Internal Medicine A, Meir Medical Center*
³*Geriatric Medicine, Meir Medical Center*
⁴*Faculty 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 Gorshtein^{1,2}, Ilana Slutsky-Shraga^{1,2}, Gloria Tsvetov^{1,2}, Dania Hirsch^{1,2}
¹*Institute of Endocrinology, Rabin Medical Center, Beilinson Hospital*
²*Sackler 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 Segal^{1,2}, 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. **Hypонатremia and Decreased Bone Density in Adolescents Inpatients Diagnosed with Anorexia Nervosa**
Yael Levy-Shraga^{1,3}, Dana David³, Iris Vered^{3,4}, Brigitte Kochavi²,
 Daniel Stein^{2,3}, Dalit Modan-Moses^{1,3}
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 <i>Chair: Zaki Kraiem</i>	Hall A
13:45	New Approaches to the Diagnosis and Treatment of Thyroid Disease <u>Anthony Hollenberg</u> <i>Chief Division of Endocrinology, Diabetes and Metabolism, Beth Israel Deaconess Medical Center, Professor of Medicine, Harvard Medical School, Boston, MA, USA</i>	
Parallel Sessions		
14:30-16:00	Hormone Replacement Therapy HRT <i>Chair: Zeev Blumenfeld</i>	Hall A
14:30	Updated Treatments of the Menopause and Beyond Ronit Haimov-Kochman <i>Department of Obstetrics and Gynecology, Hadassah Medical Center</i>	
15:00	Cardiovascular System- Menopause and HRT Gideon Kopernik <i>Head of Gynaecology Emergency Unit and Menopause Clinic, Kaplan Medical Center</i>	
15:30	Menopausal Hormone Therapy for Breast Cancer Survivors <u>Avraham Ben Chetrit</u> <i>Department of Obstetrics and Gynecology, Shaare Zedek Medical Center, Jerusalem</i>	

14:30-16:00 **Pediatric Bone** *Hall B*
Chairs: David Strich and Nehama Zuckerman-Levin

14:30 **Clinical and Genetic Characteristics of Pediatric Osteoporosis**
Outi Makitie
Professor of Pediatric Endocrinology, University of Helsinki, Helsinki, Finland

15:00 **Bone Maturation and Bone Age**
Zeev Hochberg
Faculty of Medicine, The Technion - Israel Institute of Technology, Haifa

15:30 **Activation of Endogenous Stem Cells: Novel Therapies for Bone Regeneration**
Gadi Pelled
Skeletal Biotechnology Lab, Hebrew University - Hadassah Medical Campus

16:00-16:30 **Coffee Break and Exhibition Visit**

16:30-18:00 **Endocrine Disruptors** *Hall A*
Chairs: Karen Tordjman and Naomi Weintrob

16:30 **Impact of Yesterday's Genes and Today's (Diet and) Chemicals on Tomorrow's Women**
Frank Biro
Cincinnati Children's Hospital, USA

17:00 **EDCS and Epigenetics**
Ronit Machtinger
IVF and Infertility Unit, Chaim Sheba Medical Center, Tel-Hashomer

17:30 **EDCs and Male Reproduction**
Hagai Levine
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

16:30-18:00	Tumor Environment <i>Chair: Haim Werner</i>	<i>Hall B</i>
16:30	Neutrophils in Cancer, Old Controversies and New Perspectives <u>Zvi Granot</u> <i>Immunology, Cancer Research, Hebrew University of Jerusalem</i>	
17:00	Breaking Bad: Cancer Associated Fibroblasts Are Reprogrammed from Growth Inhibitory to Tumor-Promoting in Breast Cancer <u>Neta Erez</u> <i>Department of Pathology, Sackler Faculty of Medicine, Tel Aviv University</i>	
17:30	Bi-Directional Communication between Melanoma Cells and the Micro Environment <u>Carmit Levy</u> <i>Human Molecular Genetics and Biochemistry, Sackler Faculty of Medicine, Tel Aviv University</i>	
18:00-19:00	Meet the Professor / Expert <i>Chair: Zeev Hochberg</i>	<i>Hall A</i>
18:00	Update on Treatment of Pediatric Osteoporosis <u>Outi Makitie</u> <i>Professor of Pediatric Endocrinology, University of Helsinki Helsinki, Finland</i>	
18:00-19:00	Meet the Professor / Expert <i>Chair: Yona Greenman</i>	<i>Hall B</i>
18:00	Approach to the Patient with Macronodular Adrenal Hyperplasia <u>Constantine Stratakis</u> <i>Eunice Kennedy Shriver National Institute of Child Health and Human Development, Maryland, USA</i>	
19:00-21:30	Show Time <i>Sponsored by Sanofi Aventis, GENZYME</i>	<i>Bistro Hall</i>
19:00	Buffet Light Dinner	
19:30	The Tenor הקרנת הסרט "הטנור" - אודות זמר אופרה המתמודד עם סרטן התירואיד, הרצאת פתיחה תנתן ע"י ד"ר יקי כהן, מנהל מכון השמיעה והדיבור, מרמב"ם בנושא: "טיפול בהפרעות קול הקשורות לניתוחי בלוטת התריס".	

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
¹*Endocrine Unit, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba*
²*Internal Medicine, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba*
³*Clinical Research Center, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba*
⁴*Deputy General Director, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba*
⁵*Geriatrics, Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beersheba*
⁶*Division 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 Tsur⁴, Ilana Koren⁵, Gabriel Munter³, Vardiella Meiner²
¹*Endocrinology and Metabolism Service, Internal Medicine Ward, Hadassah Hebrew University Hospital, Jerusalem*
²*Human Genetics, Hadassah Hebrew University Hospital, Jerusalem*
³*Internal Medicine Ward, Shaare Zedek Medical Center, Jerusalem*
⁴*Endocrinology and Diabetes, Clalit Health Services, Jerusalem*
⁵*Pediatrics 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-Geva^{1,2,5}, Varda Gross-Tsur^{2,5}, Harry J. Hirsch², Ari Zimran^{3,5}, Amir Weintraub¹, Gheona Altarescu^{3,4,5}

¹*Reproductive Endocrinology and Genetics Unit, Department of Obstetrics and Gynecology, Shaare-Zedek Medical Center, Jerusalem*

²*PWS Multidisciplinary Clinic, Neuropediatric Unit, Department of Pediatrics, Shaare-Zedek Medical Center, Jerusalem*

³*Gaucher Clinic, Shaare-Zedek Medical Center, Jerusalem*

⁴*Genetic Institute, Shaare-Zedek Medical Center, Jerusalem*

⁵*Faculty 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

¹*Neuroendocrine Tumor Unit, Endocrinology & Metabolism Service, Department of Medicine, Hadassah-Hebrew University Medical Center, Jerusalem*

²*Department of Radiology, Hadassah-Hebrew University Medical Center, Jerusalem*

³*Sharett 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 Beeri², Geona Altarescu², Ruhama Weiss², Fabio Rueda Faucz³, Annabel Berthon³, Constantine Stratakis³

¹*Internal Medicine and Endocrine Unit, Shaare Zedek Medical Center affiliated with Faculty of Medicine-Hebrew University, Jerusalem*

²*Medical Genetics Institute, Shaare Zedek Medical Center affiliated with Faculty of Medicine-Hebrew University, Jerusalem*

³*Section 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 Hirsch^{1,2,3}, Gloria Tsvetov^{1,2,3}, Yosef Mansiterski³, Nirit Aviran-Barak³, Varda Nadler⁴, Sandra Alboim⁴, Vered Kopel⁴

¹*Institute of Endocrinology, Rabin Medical Center, Beilinson Hospital, Petach Tikva*

²*Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv*

³*Endocrinology, Maccabi Health Care Services*

⁴*Central Laboratory, Maccabi Health Care Services*

10:00	<p>Five-Hour Serum Cortisol Concentration Profile after Hydrocortisone Loading – an Effective Tool for Optimization of Replacement Therapy in Adrenal Insufficiency</p> <p><u>Merav Serebro</u>, Ohad Bentur, Yael Sofer, Ety Osher, Naftali Stern, Yona Greenman</p> <p><i>Institute of Endocrinology, metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Tel Aviv</i></p>	
08:30-10:15	<p>Oral Presentations: Diabetes and Obesity</p> <p><i>Chairs: Amir Tirosh and Gil Leibowits</i></p>	Hall B
08:30	<p>A Founder CISD2 Mutation (Wolfram Type 2) is a Common Cause of Anti-GAD Negative "Type 1 Diabetes"</p> <p>Elected as Best Clinical Abstract</p> <p><u>Ulla Najwa Abdulhag</u>¹, Abdulsalam Abu Libdeh¹, Maha Abdulhadi Atwan¹, Ariella Weinberg Shukron³, Adi Aurbach¹, Eran Lavi¹, Gil Leibowitz², David Zangen¹</p> <p>¹<i>Division of pediatric endocrinology, Hadassah Hebrew University Medical Center, Jerusalem</i></p> <p>²<i>Division of endocrinology, Hadassah Hebrew University Medical Center, Jerusalem</i></p> <p>³<i>Department of medical genetics, Shaare Zedek Medical Center, Jerusalem</i></p>	
08:45	<p>Resistin/Adiponectin/FGF21 Interplay in SH-SY5Y Neural Cells and DIO Rodents: a Novel Mechanism Contributing to Insulin Resistance</p> <p><u>Arieh Gertler</u>¹, Yacir Benomar², Hamza Amine², Déphine Crépin², Sarah Al Rifai², Laure Riffault², Gili Solomon¹, Mohammed Taouis²</p> <p>¹<i>The Institute of Biochemistry, Food Science, and Nutrition, The Hebrew University of Jerusalem, Rehovot</i></p> <p>²<i>NMPA, Neurosciences Paris Saclay Institute (NeuroPSI), Department molecules & circuits, CNRS UMR 9197, University Paris-Sud, Orsay, France</i></p>	
09:00	<p>The Effect of Glucose Control During Hospitalization in Internal Medicine Wards on Morbidity and Mortality Among Elderly Patients</p> <p>Orit Twito¹, <u>Roni Meidan</u>², Pnina Rotman-Pikielny^{1,2}, Dan Nabriski^{1,2}</p> <p>¹<i>Endocrinology, Diabetes and Metabolism Institute, Meir Medical Center</i></p> <p>²<i>Faculty of Medicine, Tel-Aviv University</i></p>	

09:15

Mortality of Admitted Patients with Diabetes Mellitus According to Treatment (MADMAT Study)

Amit Akirov^{1,2}, Dror Dicker^{2,3}, Ilan Shimon^{1,2}

¹*Institute of Endocrinology, Rabin Medical Center, Beilinson Campus, Petah Tikva*

²*Sackler School of Medicine, Tel Aviv University, Tel Aviv*

³*Department of Internal Medicine D, Rabin Medical Center, Hasharon Hospital, Petah Tikva*

09:30

Early Insulin Secretion Defect and Maternal Inheritance Characterizes Males with Type 2 Diabetes of Yemenite Origin

Taiba Zornitzki¹, Moran Blaychfeld–Magnazi^{1,2}, Mira Ulman¹, Zecharia Madar², Hilla Knobler¹

¹*Diabetes, Metabolic and Endocrinology Unit, Kaplan Medical Center, Hebrew University Medical School of Jerusalem, Rehovot, Israel*

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 Marcus¹, Elad Segev², Gabi Shefer¹, Dana Zaid¹, Galina Shenkerman¹, Shani Shenar³, Itzhak Shapira³, Shlomo Berliner³, Naftali Stern¹

¹*Endocrinology, Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv*

²*Applied Mathematics, Holon Institute of Technology, Holon*

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^{1,3}, Eric Shifrut², Quan Li¹, Luc Marchand¹, Nir Friedman², Constantin Polychronakos¹

¹*Endocrine genetics lab, Research Institute of the McGill University Health center, Montreal, Canada*

²*Immunology, Weizmann Institute of Science, Rehovot*

³*The Institute For endocrinology and diabetes, Schneider Children's Medical Center of Israel, Petah-Tikva*

08:30-10:15	Oral Presentations: Growth/Cancer <i>Chairs: Yoav Sharoni and Haim Werner</i>	Hall C
08:30	Cancer Protection in Laron Syndrome Patients is Associated with IGF-1 Dependent Increase in Thioredoxin Interacting Protein (TXNIP) Gene Expression Karthik Nagaraj ¹ , Lena Lapkina ¹ , Rive Sarfstien ¹ , Zvi Laron ² , Haim Werner ¹ ¹ Human molecular genetics and Biochemistry, Sackler school of medicine, Tel Aviv university, Tel Aviv ² Schneider Children's Medical Center, Endocrine and Diabetes Research Unit, Petah Tikva	
08:45	Luminal STAT5 Mediates H2AX Promoter Activity in Distinct Population of Basal Mammary Epithelial Cells Moshe Reichenstein ¹ , Gat Rauner ^{1,2} , Shenhav Kfir ^{1,2} , Tatiana Kisliouk ¹ , Itamar Barash ¹ ¹ Institute of Animal Science, Volcani Center, Bet-Dagan ² The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Rehovot	
09:00	Foxo1 is Involved in Estrogen Receptor Signaling in Pancreatic Beta Cells Meital Grafi-Cohen ¹ , Dalia Somjen ^{1,2} , Gabi Shefer ¹ , Orly Sharon ¹ , Nadav Sagiv ¹ , Stern Naftali ^{1,2} , Sigal Shaklai ¹ ¹ Institute of Endocrinology, Metabolism and Hypertension, Tel-Aviv Sourasky Medical Center, Tel-Aviv ² Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv	
09:15	Involvement of MEK5/ERK5 in the Regulation of Nrf2 Functional Activity and Differentiation of Acute Myeloid Leukemia Cells Induced by 1,25-Dihydroxyvitamin D3 Aviram Trachtenberg, Elena Ruderman, Michael Danilenko Clinical Biochemistry & Pharmacology, Ben Gurion University of the Negev, Beer sheeva	
09:30	Targeting IGF-1R in Breast Cancer: Combined Treatment With Conventional Chemotherapeutic Drugs Tali Sinai ^{1,2} , Haim Werner ¹ , Raanan Berger ² ¹ Human Molecular Genetics and Biochemistry, Tel-Aviv University, Tel Aviv ² Division of Medical Oncology, Sheba Medical Center, Ramat-Gan	

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 Leor³, 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-orr², Derek LeRoith^{2,3}, 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
Chair: **Philipppa Melamed**

Hall A

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
Chair: **Benjamin Reubinoff**

Hall A

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 <u>Shulamit Levenberg</u> <i>Faculty of Medicine, The Technion - Israel Institute of Technology</i>	
12:30	PAR2: a Passe-Partout for Regeneration, Transdifferentiation, and Death in Diabetes and Much More <u>Ron Piran</u> <i>Faculty of Medicine in the Galilee, Bar-Ilan University, Zefat</i>	
11:30-13:00	Thyroid Cancer Chairs: Carlos Benbassat	<i>Hall B</i>
11:30	2015 Thyroid Nodule and Cancer Guidelines - What's New? <u>Eyal Robenshtok</u> <i>Department of Endocrinology, Rabin Medical Center-Beilinson Campus</i>	
12:00	Molecular Analysis of Indeterminate Nodules <u>Anat Jaffe</u> <i>Department of Endocrinology, Hillel Yaffe Medical Center</i>	
12:30	Pediatric Thyroid Cancer <u>Liora Lazar</u> <i>Endocrinology and Diabetes, Schneider Children's Medical Center of Israel</i>	
13:00-14:00	Lunch Break and Exhibition Visit	
14:00-15:45	Prizes Session and General Assembly Chairs: Eddy Karnieli, Nehama Zuckerman-Levin and Yossi Orly	<i>Hall A</i>
14:00	Host Microbiome Interactions in Health and Disease Eran Elinav - Recipient of Hans Lindner Prize <i>Immunology Department, Weizmann Institute of Science, Rehovot</i>	
14:30	Regulation of Growth and Metabolic Homeostasis by the Novel Histone Like Protein Heterochromatin Protein¹ Binding Protein³ (HP1BP3) Benny Garfinkel - Recipient of the Israel Chowers Prize <i>The Edmond and Lily Safra Center for Brain SciencesThe Alexander Silberman Institute of Life Sciences, The Hebrew University of Jerusalem</i>	
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** *Hall A*
Chair: Yoel Toledano and Ronit Koren

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** *Hall B*
Chair: Assaf Rudich

16:00 **GLP - 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

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting or typing. There are no margins, text, or other markings on the page.