



הכנס המדעי ה-53 האגודה הישראלית לאנדוקרינולוגיה

27-28.4.2025

מלון דיוויד אינטרקונטיננטל | תל-אביב

SCIENTIFIC PROGRAM

Sunday, April 27, 2025

07:30-08:30 Registration, Refreshments & Visit the Exhibition

Foyer

08:30-10:00 Parallel Sessions - Abstracts

Hall A

T12DM & T2DM

Chairs: **Dr. Amir Bashkin** | Head of the Endocrinology and Diabetes unit, Galilee Medical Center, Nahariya

Prof. Yuval Dor | Department of Developmental Biology and Cancer Research, The Institute for Medical Research Israel-Canada, The Hebrew University-Hadassah Medical School

08:30-08:42 Dissecting Glucagon`s Multifaceted Impact on Hepatic Mitochondria

Ms. Naama Miron¹, Mr. Yuval Adar¹, **Dr. Kfir Sharabi**¹

The Robert H. Smith Faculty of Agriculture, Food, and Environmet. The Institute of Biochemistry, Food Science and Nutrition, The Hebrew Univeristy of Jerusalem, Israel

08:42-08:54 Pancreatic Pericytic Hgf Expression is Necessary for Glucose Regulation

Shani Puyesky¹, Dunia Ali Nasser¹, Mohammed Egbaria¹, Lena Kabha¹, Anat Schonblum¹, Limor Landsman¹

Department of Cell and Developmental Biology, Tel Aviv University

08:54-09:06 Transcriptional Cascades During Fasting Amplify Gluconeogenesis and Instigate a Secondary Wave of Ketogenic Gene Transcription

Dana Goldberg Cazes¹, Ms. Nufar Buchshtab¹, Dr. Meital Charni-Natan¹, Dr. Ido Goldstein¹

Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Israel

09:06-09:18 Heterogeneity of Alpha Cells in Type 1 Diabetes Revealed by Foundation Models

Haya Benhayon¹, Dr Michael M Danziger², Prof. Danny Ben-Zvi^{1,3}, Prof. Michal Rosen-Zvi²

¹Developmental Biology and Cancer Research, Institute of Medical Research Israel-Canada, the Hebrew University-Hadassah Medical School, Israel

²IBM Research, Israel

³Faculty of Medicine, the Hebrew University, Israel

09:18-09:30 Beta Cells as Forecasters: Can Beta Cells Anticipate Future Blood Glucose Levels?

Doron Kleiman¹, Ms. Sarah Knapp¹, Ms. Itia Magenheim¹, PhD Rachel Schyr¹, Prof. Danny Ben-Zvi¹

Institute For Medical Research, Israel-Canada, The Hebrew University of Jerusalem, Israel

09:30-09:42 Novel Insights Regarding Relation of Glycemic Excursions and Concomitant Neurocognitive Function, Sleep Macro-and Micro-Architecture, and White Matter Integrity, Among Adolescents with Type 1 Diabetes

Dr. Edna Litmanovitch^{1,2}, Ms. Avital Leshem², Ms. Mirit Lezinger³, Dr. Dana Blatch^{4,5}, Dr. Eli Heyman^{3,6}, Prof. Ronny Geva¹, Mr. Maor Gidron¹, Dr. Jessica Yarmolovsky¹, Ms. Efrat Sasson⁷, Dr. Sigal Tal^{6,7},

Dr. Caroline Weill^{4,5}, Dr. Mordechay Medvedovsky^{4,5}, Prof. Ekstein Dana^{4,5}, **Prof. Marianna Rachmiel**^{2,6}

¹The Developmental Neuropsychology Lab Department of Psychology, The Gonda Multidisciplinary Brain Research Center, Bar Ilan University, Ramat Gan, Israel

²Pediatric Endocrinology and Diabetes Institute, Shamir (Assaf Harofeh) Medical Center, Beer Yaakov, Israel

³Pediatric Neurology and Epilepsy Department, Shamir (Assaf Harofeh) Medical Center, Be'er Ya'akov, Israel



⁴Department of Neurology, the Agnes Ginges Center for Human Neurogenetics, Hadassah Medical Center, Jerusalem, Israel

⁵Faculty of Medicine, the Hebrew University of Jerusalem, Jerusalem, Israel

⁶School of Medicine, Tel Aviv University, Israel

⁷Radiology Department, Shamir (Assaf Harofeh) Medical Center, Be'er Ya'akov, Israel

09:42-09:54 **Glp1 Analogues and the Risk of Pancreatitis in Patients with History of Pancreatitis or Elevated Pancreatic Enzymes**

Dr. Bronya Calvarysky^{1,2}, Ms. Yaara Gal^{1,2}, Ms. Shiri Kushnir³, Dr. Adi Turjeman^{3,4}, Ms. Tzippy Shochat⁵, Dr. Idit Dotan^{4,6}, **Dr. Talia Diker Cohen^{4,6}**

¹Pharmacy, Rabin Medical Center, Beilinson Hospital, Israel

²Faculty of Medicine, The Hebrew University of Jerusalem, Israel

³Research Authority, Rabin Medical Center, Beilinson Hospital, Israel

⁴Faculty of Medicine, Tel Aviv University, Israel

⁵Statistical Consulting Unit, Rabin Medical Center, Beilinson Hospital, Israel

⁶Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Hospital, Israel

08:30-10:00 **Parallel Sessions – Abstracts**

Hall B

Pituitary & Adrenal

Chairs: **Dr. Meir Frankel** | Head of Endocrinology and Diabetes Unit, Shaare Zedek Medical Center, Jerusalem

Prof. Gil Levkowitz | Departments of Molecular Cell Biology, and Molecular Neuroscience The Weizmann Institute of Science

08:30-08:42 **Cancer Prevalence in Acromegaly Patients: Groundbreaking Findings from the Largest Matched Cohort Study**

Hitam Hagog Natour¹, Phd. Scott Koeneman^{1,2}, Dr. Avinoam Nevler¹

¹Jefferson Pancreas, Biliary and Related Cancer Centre, Department of Surgery, Thomas Jefferson University, Philadelphia, PA, USA

²Division of Biostatistics and Bioinformatics, Department of Pharmacology, Physiology, and Cancer Biology, Sidney Kimmel Medical College, Thomas Jefferson University, Philadelphia, PA

08:42-08:54 **Mortality in Cushing's Syndrome: Declining Over Two Decades but Remaining Higher Than the General Population**

Amit Akirov, MD^{1,2}, Maria Fleseriu, MD³, Hiba Masri-Iraqi, MD^{1,2}, Tzipora Shochat, MSc⁴, Shiri Kushnir, BSc⁵, Ilan Shimon, MD^{1,2}, Yaron Rudman, MD^{1,2}

¹Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel

²Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

³Pituitary Center, Departments of Medicine and Neurological Surgery, Oregon Health & Science University, Portland, OR, USA

⁴Biostatistics Unit, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel

⁵Research Authority, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel

08:54-09:06 **High Prevalence of Adrenal Imaging Abnormalities in Cushing's Disease**

Efrat Markus^{1,2}, Dr. Yaron Rudman^{2,3}, Dr. Shlomit Koren^{1,2}, Prof. Ilan Shimon^{2,3}

¹Endocrine and Diabetes Institute, Shamir Medical Center, Zerifin, Be'er Ya'akov, Israel

²Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel

³Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel



- 09:06-09:18 **Predictors of cancer in patients with endogenous Cushing's syndrome**
Yaron Rudman^{1,2}, Dr. Genady Drozdinsky^{2,3}, Dr. Hiba Masri-Iraqi^{1,2}, MSc Tzippy Shochat⁴,
 BSc Shiri Kushnir⁵, Dr. Ilan Shimon^{1,2}, Dr. Maria Fleseriu⁶, Dr. Amit Akirov^{1,2}
¹Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel
²Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel
³Infectious Diseases Unit, Rabin Medical Center, Petah Tikva, Israel
⁴Biostatistics Unit, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel
⁵Research Authority, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel
⁶Pituitary Center, Departments of Medicine and Neurological Surgery, Oregon Health & Science University, Portland, OR, USA
- 09:18-09:30 **Genotype-Specific Androgen Levels in a Cohort of Subjects with Non-Classic Congenital Adrenal Hyperplasia (NCCAH)**
Dr. Demelza Fransis¹, Prof. Naomi Weintrob¹, Dr. Rebeca Kabbash¹, Dr. Moran Farhat¹,
 Dr. Hussein Magdoub², Dr. Hannah Ludar², Dr. Shira London², Dr. Inbal Halabi², Dr. Keren Cohen²,
 Mrs. Nili Stein³, Dr. Anat Segev⁴, **Dr. Ilana Koren**²
¹Pediatrics, Clalit Health Services, Haifa Israel
²Pediatric Endocrinology, Clalit Health Services, Israel
³Statistics, Clalit Health Services, Haifa Israel
⁴Pediatric Endocrinology, Tel Aviv Medical Center, Haifa Israel
- 09:30-09:42 **Prevalence of Familial Pheochromocytoma and Paraganglioma Syndromes – A Large Multicenter Study**
Reut Halperin^{1,2}, Ms. Gili Reznick-Levi³, Ms. Ayat Khalaileh³, Ms. Roni Svirsky-Frayden⁴,
 Prof. Orit Reish^{2,4}, Prof. Karin Weiss^{3,5}, Prof. Amit Tirosh^{2,6}
¹Endocrinology, diabetes and metabolism, Sheba Medical Center, Israel
²Medicine, Tel Aviv University, Israel
³Genetics Institute, Rambam Health Care Campus, Israel
⁴Genetics Institute, Shamir Medical Center, Israel
⁵Medicine, Technion-Israel Institute of Technology, Israel
⁶Endocrinology, diabetes, Sheba Medical Center, Israel
- 09:42-09:54 **Single-Cell Multi-Omics Reveals Transcriptional Regulation of Neonatal Gonadotrope Lineage Formation**
Ms. Gil Golan¹, Dr. Daniel Sheridan², Dr. Karine Rizzoti², Prof. Robin Lovell-Badge²,
 Prof. Philippa Melamed¹
¹Faculty of Biology, Technion-Israel Institute of Technology, Haifa, ISRAEL
²Francis Crick Institute, Francis Crick Institute, London, UK

08:30-10:00 Parallel Sessions – Abstracts

Hall C

Bone & Genetics

Chairs: **Dr. Lior Tolkin** | Head of Endocrinology Unit, Assuta Hospital Ashdod

Dr. Lior Carmon | Pediatrics Endocrinology Unit, Soroka University Medical Center,
 Beer-Sheva, Israel

- 08:30-08:42 **Low Bone Density in Young Lung Transplant Recipients - A Retrospective Study**
 Dr. Aviva Lerman¹, Dr. Osnat Shtraichman^{1,2}, Dr. Yaron Rudman^{1,3}, Dr. Gloria Tsvetov^{1,3},
Dr. Talia Diker Cohen^{1,3}



¹Faculty of Medicine, Tel Aviv University, Israel

²Pulmonary Institute, Rabin Medical Center, Beilinson Hospital, Israel

³Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Hospital, Israel

08:42-08:54 **GLP-1 Receptor Agonists and Risk of Bone Fractures in Elderly People with Type 2 Diabetes**
Dr. Michal Kasher Meron^{1,2}, Prof. Gilad Twig^{3,4,5}, Dr. Tzipi Hornik-Lurie⁶, Prof. Pnina Rotman-Pikielny^{1,2}

¹Department of Endocrinology, Meir Medical Center, Kfar Saba

²School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv

³Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan

⁴The Gertner Institute for Epidemiology and Health Policy Research, Sheba Medical Center, Ramat Gan

⁵School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv

⁶Research Unit, Meir Medical Center, Kfar Saba

08:54-09:06 **RET Lys666Asn has Low MEN2-Related Tumors Penetrance, but May be Associated with Pheochromocytoma**

Reut Halperin¹, Dr. Naama Peshes-Yaloz¹, Prof. Amit Tirosh¹, **Dr. Orit Twito**²

¹Endocrinology, diabetes and metabolism, Sheba Medical Center, Israel

²Endocrinology and diabetes, Wolfson Medical Center, Israel

09:06-09:18 **Risk of Atypical Femoral Fractures among Osteoporotic Patients on Denosumab Treatment in Real-life Setting: A Population-Based Study**

Uri Goldwasser¹, Dr. Uri Yoel², Dr. Liana Tripto-Shkolnik³, Prof. Merav Fraenkel^{1,2}

¹Goldman School of Medicine, Faculty of Health Sciences, Ben-Gurion University of the Negev, Be'er-Sheva, Israel

²Endocrine unit, Soroka University Medical Center, Be'er-Sheva, Israel

³Mineral and Bone Diseases Service, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel-Hashomer, Israel

09:18-09:30 **The Impact of a Fracture Liaison Service with in-Hospital Anti-Osteoporosis Treatment on Subsequent Hip Fracture and Mortality Rates-A Single-Center Retrospective Study**

Dr. Uri Yoel^{1,2}, Dr. Hadar Alkobi Weiss², Dr. Adi Goldbart³, Prof. Ethel Silverman Siris⁴, Dr. David Louis Fisher^{1,2}, Dr. Lior Hassan^{2,3}, Prof. Merav Fraenkel^{1,2}

¹Endocrinology, Soroka University Medical Center, Israel

²Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel

³Clinical Research Center, Soroka University Medical Center, Israel

⁴Department of Medicine, Toni Stabile Osteoporosis Center, Columbia University Medical Center, New York, USA

09:30-09:42 **Documentation of Osteoporosis Diagnosis Following a Hip Fracture in a Tertiary Hospital**

Yehudit Eden-Friedman^{1,2,3}, Ms. Alla Lizeachin⁴, Mr. Slava Gezunterman⁴, Dr. Alon Friedlander^{2,4}, Ms. Liat Toderis⁵, Ms. Lena Zac⁶, Dr. Liana Tripto-Shkolnik^{1,2}

¹Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel Hashomer

²School of Medicine, Faculty of Medical and Health Sciences

³Internal Medicine ward E, Sheba Medical Center, affiliated with the, School of Medicine, Tel Aviv University, Tel Hashomer

⁴Department of Orthopedic Surgery, Chaim Sheba Medical Center, Tel Hashomer

⁵ADAMS Center, Sheba Medical Center, Tel Hashomer

⁶MDCLONE, ADAMS Center, Sheba Medical Center, Tel Hashomer

09:42-09:54 **The Israeli Wolfram Syndrome Registry: A Unique Phenotypic Landscape**

Dr. Noga Minsky¹, Dr. Tal Kedar², Prof. Lior Greenbaum³, Dr. Hagit Shani⁴, Dr. Eve Stern²,



Prof. Ruth Huna-Baron⁵, Dr. Uri Yoel⁶, Dr. Merav Fraenkel⁶, Ms. May Miron⁷, Dr. Idit Dotan⁸, Prof. Yael Goldberg⁹, Dr. Nurit Assia Batzir¹⁰, Dr. Liat Barzilai-Yosef¹¹, Dr. Carmit Arnon Ziv¹², Mr. Gal Kojukhov¹³, Dr. Ilana Koren¹⁴, Dr. Inbal Halavi¹⁴, Prof. Avivit Cahn¹⁵, Dr. Genya Aharon-Hananel¹⁵, Prof. Orit Pinhas Hamiel², Dr. Odelia Chorin³

¹Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Israel
²Pediatric Endocrine and Diabetes, Sheba Medical Center, Israel
³Institute of Rare Diseases, Sheba Medical Center, Israel
⁴Preimplantation Genetic Diagnosis Center, Sheba Medical Center, Israel
⁵Neuro-ophthalmology, Sheba Medical Center, Israel
⁶Soroka University Medical Center, Endocrinology Unit, Israel
⁷Diabetes, Endocrinology and Metabolism, Sheba Medical Center, Israel
⁸Department of Endocrinology, Diabetes & Metabolism, Rabin Medical Center - Beilinson Hospital, Israel
⁹Raphael Recanati Genetic Institute, Rabin Medical Center - Beilinson Hospital, Israel
¹⁰The Genetics Unit, Schneider Children's Medical Center of Israel, Israel
¹¹Endocrinology, Diabetes and Metabolism, Meir Medical Center, Israel
¹²Pediatric Endocrinology, Shaare Zedek Medical Center, Israel
¹³The Faculty of Medical and Health Sciences, Tel Aviv University, Israel
¹⁴Clalit Health Services, Israel
¹⁵Diabetes Unit, Hadassah Hebrew University Hospital, Israel

10:00-10:30 **Coffee Break & Visit at the Exhibition**

Foyer

10:30-10:50 **Greetings, Updates & Announcements**

Hall B

Prof. Merav Fraenkel | President, Israel Endocrine Society, Head of Endocrine Service, Soroka University Medical Center, Faculty of Health Science, Ben-Gurion University of the Negev, Beer-Sheva
Dr. Orit Twito | Head of Endocrinology and Diabetes Unit, Wolfson Medical Center
Prof. Danny Ben-Zvi | Faculty of Medicine, Hebrew University of Jerusalem

10:50-11:35 **Plenary - Opening Session**

Hall B

Chair: **Dr. Liana Tripto-Shkolnik** | Mineral and Bone Diseases Service, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center

10:50-11:35 **What Can Babies Teach Us About Exercise and the Bone**

Prof. Dan Nemet | Director Child Health and Sports Center, Meir Medical Center. Associate dean, School of Medicine, Tel Aviv University. Medical Director, Olympic Committee of Israel

11:45-12:45 **Parallel Session 1 - Hereditary Endocrine Neoplasia - Bridging Genetics and Clinical Care**

Hall A

Chairs: **Prof. Amit Tirosh** | Head, Neuroendocrine Oncology Unit and Endocrine Neoplasia Translational Research Center (ENTIRE), Tel Aviv University Faculty of Medicine and Sheba Medical Center
Dr. Yotam Drier | The Lautenberg Center for Immunology and Cancer Research. IMRIC Institute for Medical Research, Faculty of Medicine, Hebrew University of Jerusalem
Dr. Michal Yacobi Bach | Head of the Endocrine, Genetics service, Endocrine institute, Genetics institute, Sourasky Medical Center



- 11:45-12:05 **The Approach to Molecular Diagnosis in Endocrine Tumor Syndromes**
Dr. Michal Yacobi Bach | Head of the Endocrine, Genetics service, Endocrine institute, Genetics institute, Sourasky Medical Center
- 12:05-12:25 **Updates in Familial Hyperparathyroidism Syndromes**
Dr. Reut Halperin | ENTIRE - Endocrine Neoplasia Translational Research Center, Center for Endocrinology, Diabetes and Metabolism, the Chaim Sheba Medical Center, Tel Hashomer; Faculty of Medicine, Tel Aviv University, Tel Aviv
- 12:25-12:45 **Needle in a Haystack: when to Think About Carney Complex in a Patient with Endocrine or Non-Endocrine Tumors**
Prof. Jerome Bertherat | Hopital Cochin, Université Paris Cité, Paris, France

11:45-12:45 **Parallel Session 1 - The Changing World of Metabolic Bone Disease** Hall B
 Chairs: **Prof. Tally Naveh** | Faculty of Medicine, Hebrew University of Jerusalem
Prof. Pnina Rotman-Pikielny | Head, Endocrine Institute, Meir Medical Center, Kfar Saba. Chair, Israel Osteoporosis Foundation

- 11:45-12:05 **The Changing Appearance of Paget's Disease of Bone**
Dr. Vanessa Rouach | Bone and Mineral Diseases Clinic, Head Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center
- 12:05-12:25 **The Calcium-Sensing Receptor Inhibitor Encaleret for the Treatment of Hypoparathyroidism**
Prof. Michael T. Collins | MD, FASBMR, Senior Clinical Advisor, National Institutes of Health
- 12:25-12:45 **Brittle Bones, Robust Challenges: Endocrine and Global Care in Osteogenesis Imperfecta**
Dr. Auryan Szalat | Internal Medicine Department, Endocrinology & Metabolism Specialist Director of the Osteoporosis Center, Hadassah Medical Center

12:45-14:05 **Satellite Lunch's & Visit at the Exhibition**

12:45-13:30 **Satellite Lunch - The Role of Semaglutide in Cardio-Kidney-Metabolic Syndrome Treatment** Hall H
 Sponsored by Novonordisk

Dr. Idit Dotan | Head of the Diabetes Unit, Head of the Multi-Disciplinary center for the Treatment of Obesity, The Division of Endocrinology, Diabetes and Metabolic Diseases, Rabin Medical Center, Beilinson Campus

Dr. Neomy Levin | Head of Nephrology and Hypertension Department, Barzilai Medical Center

Prof. Alon Eisen | Senior Cardiologist Deputy Director of the Cardiovascular Division, Head of the Clinical Cardiology Research Unit, and Head of the Post-MI Clinic, Rabin Medical Center

12:45-13:30 **Satellite Lunch - Updates on Hypoparathyroidism Management** Hall I
 Sponsored by Neopharm Israel
 Chair: **Prof. Pnina Rotman-Pikielny** | Head, Endocrine Institute, Meir Medical Center, Kfar Saba. Chair, Israel Osteoporosis Foundation



12:45-13:30 **The Last (Un)met Hormone Deficiency: Updates on Hypoparathyroidism Management**
Dr. Liana Tripto Shkolnik | Mineral and Bone Diseases Service, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center

14:05-14:50 **Plenary Session** Hall B
Chair: **Prof. Limor Landsman** | Associate Professor, Dept. of Cell and Developmental Biology, Faculty of Medical and Health Sciences, Tel Aviv University

14:05-14:50 **Generating Stem Cell Derived Islets for Diabetes Therapy**
Prof. Matthias Hebrok | Professor and Director, Center for Organoid Systems and Institute for Diabetes and Organoid Technology, Helmholtz Center Munich

14:50-15:40 **Parallel Session 2 - Growth Hormone: Basic and Clinical Aspects** Hall A
Chair: **Prof. Haim Werner** | Department of Human Molecular Genetics and Biochemistry, Faculty of Medical and Health Sciences, Tel Aviv University
Prof. Zvi Laron | Director, Endocrinology and Diabetes, Schneider Children's Medical Center

14:50-15:15 **Liver-Specific Deletion of the Growth Hormone Receptor: Implication for Physiology and Pathology of Liver and Bone**
Prof. Mark Sperling, MD | Emeritus Professor and Chair, Dept. of Pediatrics, Children's Hospital, University of Pittsburgh, USA

15:15-15:40 **Excess Growth Hormone and Mortality: Clinical Implications and Long-Term Outcomes**
Prof. Amit Akirov | Endocrine Institute, Rabin Medical Center

14:50-15:40 **Parallel Sessions 2 - Cushing Syndrome: Meet the Expert** Hall B
Chairs: **Prof. Simona Glasberg** | Neuroendocrine Tumor Unit, ENETS Center of Excellence, Division of Medicine, Hadassah Medical Organization and Faculty of Medicine, Hebrew University of Jerusalem
Dr. Leonard Saiegh | Endocrinology Unit, Bnai Zion Medical Center, The Ruth and Bruce Rappaport Faculty of Medicine, Technion, Haifa

14:50-15:40 **Adrenal Cushing: from Clinical to Molecular Classification**
Prof. Jerome Bertherat | Hopital Cochin, Université Paris Cité, Paris, France

15:40-16:00 **Coffee Break & Visit at the Exhibition** Foyer

16:00-17:30 **Parallel Sessions - Flash Talks** Hall A
T1DM & T2DM - Basic
Chairs: **Prof. Michael D. Walker** | Dept. of Biomolecular Sciences, Weizmann Institute of Science, Rehovot, Israel
Dr. Rachel Ben-Haroush Schyr | Developmental Biology and Cancer Research, The Hebrew University of Jerusalem

16:00-16:07 **Crosstalk Between Pro-Inflammatory Cytokines and Fasting Hormones Affect Hepatic Glucose Production**
Talia Frishman¹, Mrs. Dorin Marciano-Anaki¹, Dr. Ido Goldstein¹
Institute of Biochemistry, Food Science and Nutrition. The Robert H. Smith Faculty of Agriculture, Food and Environment., The Hebrew University of Jerusalem., Israel



16:07-16:14 **Glucosamine Mediates Glucotoxicity in Diabetes**

Yael Riahi^{1*}, Aviram Kogot-Levin^{1*}, Elisheva Zemelman¹, **Ziv Teselpapa¹**, Tamar Cohen¹, Ifat Abramovich², Bella Agranovich², Dana Avrahami¹, Liad Hinden³, Erol Cerasi¹, Daljeet Kaur⁴, Lihi Grinberg⁴, Ron Piran⁴, Joseph Tam³, Erez Dror⁵, Ernesto Bernal Mizrachi⁶, Gil Leibowitz¹

¹Diabetes Unit and Endocrine Service, Hadassah Medical Center of the Hebrew University, Jerusalem, Israel

²The laboratory for Metabolism in Health and Disease, Ruth and Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology Haifa, Israel

³Obesity and Metabolism Laboratory, Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University, Jerusalem, Israel; ⁴The Azrieli Faculty of Medicine Bar Ilan University, Safed, Israel

⁵Department of Developmental Biology and Cancer Research, The Institute for Medical Research Israel-Canada (IMRIC), The Hebrew University-Hadassah Medical School, Jerusalem, Israel

⁶Department of Internal Medicine, Division of Endocrinology, Metabolism and Diabetes, Miller School of Medicine, University of Miami, Miami, FL, USA

16:14-16:21 **Role of Neonatal Hypoglycemia as a Trigger for Maturation of Pancreatic Beta-Cells**

Ekaterina Novichkova¹, Ms. Nimisha Gupta¹, Ms. Polina Kotova², Dr. Aharon Helman², Prof. Michael Walker¹

¹Biomolecular Sciences, Weizmann Institute of Science, Israel

²The Institute of Biochemistry, Food Science and Nutrition, The Hebrew University of Jerusalem, Israel

16:21-16:28 **Pericytic Ccl2 Regulates Islet Macrophages and Beta-Cell Function**

Dunia Ali Naser¹, Prof. Limor Landsman¹

¹Department of Cell and Developmental Biology, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel

16:28-16:35 **Impaired RNA Editing in Beta or Alpha Cells Models Differential Sensitivity of these Cell Types in Type I Diabetes**

Liza Zamashanski¹, Agnes Klochendler¹, Prof. Yuval Dor¹

¹The Hebrew University of Jerusalem

16:35-16:42 **A Double-Edged Sword: Maternal Ketogenic Diet Mitigates Adverse Effects of Gestational Type 1 Diabetes on Offspring, but Increases Sensitivity to Hyperglycemia in Mice**

Itia Magenheim Samuel¹, Mr. Amit Elad¹, Mr. Doron Kleiman¹, Mr. Botros Moalem¹, Mr. Aviv Halfon¹, Prof. Rachel Ben-Haroush Schyr¹, Dr. Danny Ben-Zvi¹

¹Hebrew University of Jerusalem

16:42-16:49 **Impaired Glucose Homeostasis in Telomouse, a Novel Mouse Model with Short-Telomeres**

Moshe Sellam¹, Mrs. Kamil Bar Nes^{1,2}, Dr. Riham Smoom², Mrs. Reut Rifkind^{1,3}, Prof. Benjamin Glaser¹, Prof. Yehuda Tzfati², Dr. Dana Avrahami^{1,3}

¹Department of Endocrinology and Metabolism, Hadassah Medical Center and Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel

²Department of Genetics, The Silberman Institute of Life Sciences, Safra Campus, The Hebrew University of Jerusalem, Jerusalem, Israel

³Department of Developmental Biology and Cancer Research, Hebrew University-Hadassah Medical School, Jerusalem, Israel

16:49-16:56 **Pancreatic Enzyme Replacement Therapy for Pancreatic Exocrine Insufficiency in Patients with Diabetes Mellitus**



Dr. Shani Hegger^{1,2}, Dr. Ran Nissan³, Dr. Talia Diker-Cohen^{2,4}, Dr. Anat Leibner^{2,4},
Dr. Nina Nemirovsky^{2,4}, Prof. Amit Akirov^{2,4}, Dr. Idit Dotan^{2,4}

¹Department of Intensive Care, Rabin Medical Center, Beilinson Hospital, Israel

²Sackler Faculty of Medicine, Tel Aviv University, Israel

³Pharmacy Service, Rabin Medical Center, Beilinson Hospital, Israel

⁴Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Hospital, Israel

16:56-17:03 **Characterizing the Immune Landscape in a Model for Early-Stage Type 1 Diabetes**

Jonathan Belin¹, Mr. Udi Ehud Knebel¹, Dr. Shani Peleg¹, Ms. Maya Israeli¹, Dr. Miri Stolorovich-Rain¹,
Prof. Alvin C. Powers^{2,3}, Dr. Chunhua Dai², Dr. Heather R. Kates⁴, Dr. Clive H. Wasserfall⁴,
Dr. MacKenzie Williams⁴, Dr. Ann Fu⁴, Dr. Martha Campbell-Thompson⁴, Prof. Desmond A. Schatz⁴,
Prof. Benjamin Glaser⁵, Prof. Erez Y. Levanon⁶, Dr. Agnes Klochendler¹, Prof. Yuval Dor¹

¹The Hebrew University of Jerusalem, Jerusalem, Israel

²Vanderbilt University Medical Center, Nashville, TN, USA

³VA Tennessee Valley Healthcare, Nashville, TN, USA

⁴College of Medicine, University of Florida, Gainesville, FL, USA

⁵Hadassah Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel

⁶Bar-Ilan University, Ramat Gan, Israel

17:03-17:10 **Virtual T1D Care for Disabled Veterans Over Four Years**

Dr. Noga Minsky¹, Ms. May Miron¹, Prof. Amir Tirosh¹

¹Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel

17:10-17:17 **Gestational Diabetes Mellitus Disrupts Placental Splicing**

Adi Gershon¹, Eden Engal¹, Dr. Aveksha Sharma¹, Prof. Maayan Salton¹

¹Department of Biochemistry and Molecular Biology, The Institute for Medical Research
Israel-Canada, Faculty of Medicine, The Hebrew University of Jerusalem

17:17-17:24 **Chronic Intermittent Hypoxia Induces a Shift Towards Lipid-Dominant Metabolism and Glucose Intolerance: A Multi-Omic Analysis**

Eden Engal¹, Dr. Hadas Masury-David², Prof. Joseph Tam³, Ms. Xue Sun⁴, Dr. Oren Ram⁴,
Dr. Asaf Marco⁵, Prof. Rinat Abramovitch², Dr. Alex Gileles-Hillel^{2,6}

¹Faculty of Medicine, The Hebrew University of Jerusalem, Israel

²The Wohl Institute for Translational Medicine, Hadassah Medical Center, Israel

³Obesity and Metabolism Laboratory, Institute for Drug Research, School of Pharmacy, Faculty
of Medicine, The Hebrew University of Jerusalem, Israel

⁴Department of Biological Chemistry, Alexander Silberman Institute of Life Sciences, The Hebrew
University, Jerusalem, Israel

⁵Neuro-Epigenetics Laboratory, Faculty of Agriculture, Food and Environment, The Hebrew
University of Jerusalem, Israel

⁶Pediatric Pulmonology and Sleep Unit, Department of Pediatrics, Hadassah Medical Center, Israel

16:00-17:30 **Parallel Sessions - Flash Talks**

Hall B

T1DM & T2DM - Clinical

Chairs: **Dr. Irit Hochberg** | Head of Diabetes Service, Institute of Endocrinology, Diabetes and
Metabolism, Rambam Medical Center

Prof. Benjamin Glaser | Department of Endocrinology and Metabolism Hadassah Medical
Center Ein Kerem, Jerusalem, Israel



- 16:00-16:07 **Glucose Management in Steroid Treated Patients in the Orthopedics Department**
Dr. Mariya Cohen Khudyakova¹, Mrs. Marina Veinberg¹, Mr. Alexey Dvorkin²,
 Dr. Arsen Shpigelman³, Dr. Michal Gershinsky⁴
¹Departments of Endocrinology and Diabetes, Lady Davis Carmel Medical Center and Linn Medical Center
²Departments of Orthopedics, Lady Davis Carmel Medical Center and Linn Medical Center
³Ruth and Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Departments of Orthopedics, Lady Davis Carmel Medical Center and Linn Medical Center
⁴Ruth and Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Departments of Endocrinology and Diabetes, Lady Davis Carmel Medical Center and Linn Medical Center
- 16:07-16:14 **Influence of High-Energy-Protein Breakfast Diet (Bdiet), Containing Milk and Dairy-Proteins Versus Nondairy-Proteins, on Overall Glycemia, Appetite, and Clock Genes mRNA expression in Type 2 Diabetes**
Daniela Jakubowicz¹, Ms. Shani Tsameret², Ms. Yael Matz², Prof. Zohar Landau¹,
 Prof. Julio Wainstein¹, Dr. Orit Twito¹, Ms. Nava Chapnik², Prof. Oren Froy²
¹Endocrinology and Diabetes Unit, Wolfson Medical Center, Tel Aviv University, Israel
²The Hebrew University of Jerusalem, Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, Israel
- 16:14-16:21 **Maternal Diabetes Mellitus During Pregnancy as a Risk Factor for Strabismus in the Offspring**
Nir Amitai^{1,2}, Dr. Erez Tsumi³, Dr. Tamar Eshkoli^{4,5}
¹Joyce & Irving Goldman Medical School, Faculty of Health Sciences, Ben-Gurion University of the Negev, Be'er-Sheva, Israel
²Clinical Research Center, Soroka Medical Center, Beer-Sheva, Israel
³Department of Ophthalmology, Soroka Medical Center, Ben-Gurion University of the Negev, Beer-Sheva, Israel
⁴Department of Obstetrics and Gynecology, Soroka Medical Center, Beer-Sheva, Israel
⁵Endocrinology Unit, Soroka Medical Center, Beer-Sheva, Israel
- 16:21-16:28 **Erythrocytosis in Type 2 Diabetes and Late-onset Hypogonadism: Effects of Testosterone Therapy with and without SGLT-2 Inhibitors**
Adnan Zaina¹, Dr. Maharan Kabha², Dr Sameer Kassem³, Dr. Yoram Dekel⁴
¹Division of Endocrinology and Metabolism, Clalit Medical Health Care Services, Haifa and Western Galilee District. 6Bar-Ilan University, The Azrieli Faculty of Medicine, Safed, Israel
²Department of Urology, Lady Davis Carmel Medical Center. 2Ruth and Bruce Rappaport Faculty of Medicine, Technion-Institute of Technology, Haifa, Israel
³Ruth and Bruce Rappaport Faculty of Medicine, Technion-Institute of Technology, Department of Internal Medicine, Carmel Medical Center
⁴Department of Urology, Lady Davis Carmel Medical Center. Ruth and Bruce Rappaport Faculty of Medicine, Technion-Institute of Technology, Haifa, Israel
- 16:28-16:35 **Identification of a Founder Pathogenic Variant in the WFS1 Gene that Causes Wolfram Syndrome in the Druze Population**
Inbal Halabi^{1,2}, Prof. Yardena Tenenbaum-Rakover^{3,4}, Prof. Lena Sagi-Dain^{2,4,5}, Dr. Ilana Koren^{1,2,4}
¹Pediatric Endocrine Unit, Carmel Medical Center, Haifa, Israel
²Clalit Health Services, Haifa, Israel
³Children's Endocrinology Consulting Center, Clalit Health Services, Northern District, Afula, Israel



⁴The Ruth & Bruce Rappaport Faculty of Medicine, Technion, Haifa, Israel

⁵Genetic Institute, Carmel Medical Center, Haifa, Israel

16:35-16:42 **Maternal Diabetes Mellitus During Pregnancy as a Risk Factor for Congenital Nasolacrimal Duct Obstruction**

Amichai Raz¹, Mr. Nir Amitai^{1,2}, Mr. Tomer Kerman², Dr. Tamar Eshkoli^{3,4}, Dr. Ahed Imtirat⁵, Dr. Dor Marciano³, Prof. Eyal Sheiner³, Dr. Erez Tsumi⁵

¹Joyce & Irving Goldman Medical School, Faculty of Health Sciences, Ben-Gurion University of the Negev, Be'er-Sheva, Israel, Joyce & Irving Goldman Medical School, Faculty of Health Sciences, Ben-Gurion University of the Negev, Be'er-Sheva, Israel, Israel

²Clinical Research Center, Soroka University Medical Center and Faculty of Health Sciences, Ben-Gurion University of the Negev, Be'er-Sheva, Israel, Soroka University Medical Center, Israel

³Department of Obstetrics and Gynecology, Soroka University Medical Center, Beer-Sheva, Israel, Soroka University Medical Center, Israel

⁴Endocrinology Unit, Soroka University Medical Center, Beer-Sheva, Israel, Soroka University Medical Center, Israel

⁵Department of Ophthalmology, Soroka University Medical Center, Ben-Gurion University of the Negev, Be'er-Sheva, Israel, Soroka University Medical Center

16:42-16:49 **Disease characteristics and complication rate among Ethiopian type 1 diabetes adult patients compared to non-Ethiopian populations in Israel**

Alena Kirzhner^{1,2}, Dr. Amir Bashkin^{3,4}, Dr. Hefziba Green^{1,2}, Dr. Haitham Abu Khadija^{2,5}, Dr. Meital Zikry Deitch^{2,6}, Mrs. Merav Greenstein⁷, Mrs. Lee Cohen^{2,8,9}, Dr. Tal Schiller^{2,9}

¹Department of Internal Medicine A, Kaplan Medical Center, Israel

²Faculty of Medicine, Hebrew University of Jerusalem, Israel

³Department of Diabetes, Endocrinology and Metabolism, Galilee Medical Center, Israel

⁴Azrieli Faculty of Medicine, Galilee Medical Center, Israel

⁵Department of Cardiology, Kaplan Medical Center, Israel

⁶Intensive care unit, Kaplan Medical Center, Israel

⁷Merav Statistical Consulting, Kaplan Medical Center, Israel

⁸Department of Clinical Nutrition, Kaplan Medical Center, Israel

⁹Department of Diabetes, Endocrinology and Metabolism, Kaplan Medical Center, Israel

16:49-16:56 **Patterns of Hyperglycemia During the Day and its Association with Hepatic Steatosis in Type 1 Diabetes Mellitus**

Elena Chertok Shacham^{1,2}, Dr. Muhammad Agbaraia³, Mr. Alex Shtorkman⁴, Ms. Gala Sela¹, Ms. Sireen Sharif⁵, Dr. Avraham Ishay^{1,2}

¹Endocrinology, Emek medical center, Israel

²Medicine, Technion - Israel Institute of Technology, Israel

³Internal Medicine, Emek medical center, Israel

⁴Gastroenterology department, Emek medical center, Israel

⁵Statistics, Emek medical center, Israel

16:56-17:03 **Impact of Nurse-Led Basal-Bolus Insulin Algorithm Implementation on Medical Staff Satisfaction and Attitudes**

Rachel Avraham¹, Dr. Orit Twito¹

¹Endocrinology Wolfson Medical Center

17:03-17:10 **Finerenone Versus SGLT2i's and GLP1-RA's: A Real-World Evidence Kidney Outcomes Study**

Mrs. Dvora R. Sehtman-Shachar¹, Mrs. Alisa Fishkin¹, Prof. Gil Leibowitz²,
Dr. Genyah Aharon-Hananel^{1,3}

¹Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel

²Endocrinology and Metabolism Service, Department of Medicine, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

³Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem, Israel

17:10-17:17 **Influence of Sex and Age on Irisin Levels in Pediatric Type 1 Diabetes: A Pilot Study**

Shay Averbuch^{1,2}, Ms. Oxana Gaiduk^{2,3}, Dr. Michael Yackobovitch-Gavan⁴, Ms. Irina Laurian^{1,5},
Ms. Anna Dorfman^{1,5}, Dr. Gabi Shefer², Prof. Avivit Brener^{1,2}, Prof. Yael Lebenthal^{1,2}

¹Dana-Dwek" Children's Hospital, Tel Aviv Sourasky Medical Center, The Institute of Pediatric Endocrinology, Diabetes and Metabolism, Tel Aviv, Israel

²Tel Aviv University, Faculty of Medicine, Israel

³Tel Aviv Sourasky Medical Center, The Endocrine Laboratory, The Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv, Israel

⁴Tel Aviv University, Department of Epidemiology and Preventive Medicine, School of Public Health, Faculty of Medicine, Tel Aviv, Israel

⁵Tel Aviv Sourasky Medical Center, Nursing Services, "Dana-Dwek" Children's Hospital, Tel Aviv, Israel

17:17-17:24 **Safety and Mortality Outcomes Among Patients with Type 2 Diabetes Treated with Oral Glucocorticoids Initiating SglT2 Inhibitors Versus Dpp4 Inhibitors**

Dr. Meir Schechter^{1,2}, Mrs. Yovel Cohen^{1,2}, Prof. Ofri Mosenzon³, Prof. Gil Leibowitz^{1,2},

Genya Aharon-Hananel^{1,2}

¹Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem

²Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem

³Regeneron Pharmaceuticals, Tarrytown, New York, USA

16:00-17:30 **Parallel Sessions - Flash Talks**

Hall C

Pituitary & Adrenal

Chairs: **Prof. Ilan Shimon** | Chairman, Institute of Endocrinology & Diabetes, Rabin-Beilinson Medical Center, Petah-Tikva

Prof. Naomi Weintrob | Tel Aviv Medical Center

16:00-16:07 **Affective Disorders in Patients with Cushing Syndrome: Impact of Etiology and Remission Status**

Keren Kaminer^{1,2}, Prof. Ilan Shimon^{1,2}, Dr. Yaron Rudman^{1,2}, Mrs. Shiri Kushnir³, Prof. Amit Akirov^{1,2}

¹Institute of Endocrinology, Rabin medical center, Israel

²Faculty of medical and health sciences, Tel Aviv University, Israel

³Research Authority, Rabin Medical Center, Beilinson Hospital, Israel

16:07-16:14 **Novel SERPINA6 Mutation Associated with Low Cortisol Levels and a Severe Clinical Phenotype**

Dr. Ilana Koren¹, Prof. Naomi Weintrob, Prof. David Torpy²

¹Pediatric Endocrinology, Clalit Health Services, Haifa Israel

²Endocrinology, Hospital, Australia

16:14-16:21 **Ischemic Stroke Risk in Patients with Dopamine Agonist-Treated Hyperprolactinemia**

Prof. Amit Akirov^{1,2}, Dr. Yaron Rudman^{2,3}, Dr. Yael Sharon^{2,4}, Prof. Ilan Shimon^{2,3}, Mrs. Shiri Kushnir⁵,
Dr. Talia Diker-Cohen^{2,3}



- ¹Endocrine Institute, Rabin Medical Center, Israel
²Faculty of Medicine, Tel Aviv University, Israel
³Endocrine Institute, Beilinson Hospital, Israel
⁴Ophthalmology Department, Beilinson Hospital, Israel
⁵Research Authority, Beilinson Hospital, Israel

16:21-16:28 **Long-Term Outcomes of Cushing's Disease After Transsphenoidal Surgery (TSS): A Single Center, 20-Year Retrospective Series**

Med. Student Dana Bar Natan^{1,2}, Dr. Merav Serebro¹, Prof. Zvi Ram^{2,3}, Prof. Rachel Grossman^{3,4}, Dr. Iris Yaish^{1,2}, Dr. Naomi Even Zohar¹, Prof. Yona Greenman^{1,2}, Karen Tordjman^{1,2}

- ¹Institute of Endocrinology, Tel Aviv Sourasky Medical Center, Israel
²Faculty of Health & Medical Sciences, Tel Aviv University, Israel
³Department of Neurosurgery, Tel Aviv Sourasky Medical Center, Israel
⁴Department of Neurosurgery, Rambam Medical Center-The Technion, Israel

16:28-16:35 **Leukocytosis in Cushing's Syndrome Persists Post-Surgical Remission and Could Predict a Lower Remission Prognosis in Patients with Cushing's Disease**

Hiba Masri-Iraqi^{1,2}, Yaron Rudman^{3,4}, Tzipora Shochat⁵, Shiri Kushnir⁶, Ilan Shimon^{3,4}, Maria Fleseriu⁷, Amit Akirov^{3,4}

- ¹Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petach Tikva, Israel
²Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
³Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petach Tikva, Israel
⁴Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
⁵Biostatistics Unit, Rabin Medical Center, Beilinson Hospital, Petach Tikva, Israel
⁶Research Authority, Rabin Medical Center, Beilinson Hospital, Petach Tikva, Israel
⁷Pituitary Center, Departments of Medicine and Neurological Surgery, Oregon Health & Science University, Portland, OR, USA

16:35-16:42 **Body Composition in Pediatric Patients with Craniopharyngioma Following Surgical Treatment**

Dr. Hussein Zaitoon^{1,2}, Dr. Ori Eyal^{1,2}, Dr. Michal Yackobovitch-Gavan², Dr. Ravit Regev^{1,2}, Prof. Jonathan Roth^{2,3}, Prof. Shlomi Constantini^{2,3}, Prof. Yael Lebenthal^{1,2}, **Avivit Brener**^{1,2}

- ¹Pediatric Endocrinology, Dana-Dwek Children's Hospital, Tel Aviv, Israel
²Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
³Pediatric Neurosurgery, Dana-Dwek Children's Hospital, Tel Aviv, Israel

16:42-16:49 **Opposing Metabolic Effects between Growth Hormone and IGF-I**

Zvi Laron¹, Ph.D Haim Werner²

- ¹Endocrine and Diabetes Res Unit, Schneider Children's Med Ctr, Israel
²Dept Human Molec Genet Biochem, Faculty of Medical and Health Sciences, Tel Aviv University, Israel

16:49-16:56 **Dissecting Hypothalamic Neuro-Endocrine Complexity by Single-Nucleus RNA Sequencing**

Yair Oster¹, Mrs. Haya Benhayon¹, Mr. Amit Elad¹, Ph.D Rachel Ben-Haroush Schyr¹, Prof. Danny Ben-Zvi^{1,2}

- ¹Developmental Biology and Cancer Research, Institute for Medical Research Israel-Canada, Faculty of Medicine, The Hebrew University of Jerusalem, Israel
²The Center for Computational Medicine, Faculty of Medicine, The Hebrew University of Jerusalem, Israel

- 16:56-17:03 **Response to Cabergoline Treatment, Gonadal Axis Recovery, and Outcomes of Drug Withdrawal, in Men with Microprolactinoma: A Retrospective Cohort Study**
Yaron Rudman^{1,2}, Dr. Neta Simon², Dr. Rona Shimon³, Dr. Genady Drozdinsky^{2,4}, Dr. Efrat Markus^{2,5}, Dr. Hadar Duskin-Bitan^{1,2}, Dr. Hiba Masri-Iraqi^{1,2}, Dr. Gloria Tsvetov^{1,2}, Prof. Amit Akirov^{1,2}, Prof. Ilan Shimon^{1,2}
¹Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel
²Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel
³Faculty of Medicine, Semmelweis University, Budapest, Hungary
⁴Infectious Diseases Unit, Rabin Medical Center, Petah Tikva, Israel
⁵Institute of Endocrinology, Assaf Harofeh Medical Center, Zerifin, Beer Ya'akov, Israel
- 17:03-17:10 **Idiopathic Familial Basal Ganglia Calcifications Due to a PDGFB Mutation: A Case Report**
Dr. Merav Serebro¹, Prof. Yona Greenman^{1,2}, Dr. Penina Ponger^{2,3}
¹Tel Aviv-Sourasky Medical Center, Institute of Endocrinology, Diabetes, Metabolism, and Hypertension, Tel Aviv, Israel
²Tel Aviv University, Faculty of Medicine, Tel Aviv, Israel
³Tel Aviv-Sourasky Medical Center, Institute of Genetics, Tel Aviv, Israel
- 17:10-17:17 **Elevated Risk of Hip Fractures in Patients with Cushing's Syndrome**
Dr. Hiba Masri-Iraqi^{1,2}, Dr. Yaron Rudman^{1,2}, Mrs. Tzipora Shochat³, Mrs. Shiri Kushnir⁴, Dr. Keren Kaminer¹, Dr. Idit Dotan^{1,2}, Dr. Gloria Tsvetov^{1,2}, Prof. Ilan Shimon^{1,2}, Prof. Amit Akirov^{1,2}
¹Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Israel
²Faculty of Medicine, Tel Aviv University, Israel
³Biostatistics Unit, Beilinson Hospital, Rabin Medical Center, Israel
⁴Research Authority, Beilinson Hospital, Rabin Medical Center, Israel
- 17:17-17:24 **Valuability of Partially-Success Adrenal Venous Sampling for Diagnosis of Primary Hyperaldosteronism**
Dr. Meir Frankel¹, Dr. Gabriel Munter¹, Dr. Sophia Magen², Dr. Anthony Verstandig³
¹Endocrinology unit, Shaare Zedek Medical Center, affiliated to Faculty of Medicine, Hebrew University, Jerusalem, Israel
²Laboratory division, Shaare Zedek Medical Center, affiliated to Faculty of Medicine, Hebrew University, Jerusalem, Israel
³Interventional radiology unit, Shaare Zedek Medical Center, affiliated to Faculty of Medicine, Hebrew University, Jerusalem, Israel

16:00-17:30 **Parallel Sessions - Flash Talks**

Hall H

Bone & Genetics and Fertility & Transgender

Chairs: **Dr. Ilana Slutzky-Shraga** | Clalit Health Service, Rabin Medical Center Endocrine Institute
Dr. Gloria Tsvetov | Endocrine Institute, Rabin Medical Center

- 16:00-16:07 **Epidemiology of Osteoporotic Femoral Neck Fractures Among Arab Population in Israel and Comparison to the General Population in Clalit Health Care**
Dr. Hiba Masri-Iraqi^{1,2}, Dr. Gloria Tsvetov^{1,2}, Mrs. Einav Dandeker³, Dr. Adi Turjeman^{2,4}, Prof. Leonard Leibovici^{2,4}, Dr. Samah Hayek^{3,5}
¹Endocrinology department, Beilinson Hospital, Rabin Medical Center, Israel, Israel
²Faculty of Medicine, Tel Aviv University, Israel, Israel
³Department of Epidemiology and Preventive Medicine, School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University, Israel
⁴Research Authority, Beilinson Hospital, Rabin Medical Center, Israel, Israel



⁵Clalit Research Institute, Innovation Division, Clalit Health Services, Israel

16:07-16:14 **Nutritional Status and Bone Health Concerns in Treatment-Naïve Transgender Adolescents**

Ophir Borger^{1,2}, Ms. Yael Issan^{1,2}, Dr. Asaf Oren^{1,3}, Dr. Eyal Cohen-Sela^{1,3}, Ms. Tamar Sheppes^{1,4}, Dr. Ravit Regev^{1,3}, Dr. Anat Segev-Becker^{1,3}, Prof. Yael Lebenthal^{1,3}, Dr. Liat Perl^{1,3}

¹The Institute of Pediatric Endocrinology, Diabetes and Metabolism, Dana-Dwek Children's Hospital, Israel

²The Nutrition & Dietetics Unit, Tel-Aviv Sourasky Medical Center, Israel

³School of Medicine, Faculty of Medical and Health Sciences, Tel-Aviv University, Israel

⁴Psychological Services, Tel-Aviv Sourasky Medical Center, Israel

16:14-16:21 **World Census of Patients with Laron Syndrome**

M.D. Tal Rabin¹, **Zvi Laron**¹

¹Endocrine and Diabetes Res Unit, Schneider Children's Med Ctr, Israel

16:21-16:28 **Safety and Efficacy of Antiresorptive Treatments in Patients with Obesity: A Registry-Based Study**

Vanessa Rouach^{1,2}, Dr. Assaf Buch^{1,2}, Prof. Gabriel Chodick^{2,3}, Dr. Inbal Goldshtein^{2,3}, Prof. Yona Greenman^{1,4}

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

²Epidemiology Department, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, Israel

³Maccabitech institute for research and innovation, Maccabi Healthcare Services, Tel Aviv, Israel

⁴Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

16:28-16:35 **A Family with an Atypical Presentation of TBX3-Related Disorder**

Dr. Ayman Asaly¹, Dr. Khaled Osman², Dr. Rana Halloun³, Dr. Tamar Paperna⁴, Dr. Shirley Pollack^{5,6}, Prof. Daniella Magen^{5,6}, Prof. Dov Tiosano^{3,6}, Dr. Karin Weiss^{4,6}

¹Pediatric Endocrinology and Diabetes Unit, The Edmond and Lily Safra Children's, The Sheba Medical Center, Tel-Hashomer, Israel

²Genetics Institute, Rambam Health Care Campus, Haifa, Israel

³Division of Pediatric Endocrinology, Ruth Rappaport Children's Hospital, Rambam Health Care Campus, Haifa, Israel

⁴Genetics Institute, Ruth Rappaport Children's Hospital, Rambam Health Care Campus, Haifa, Israel

⁵Pediatric Nephrology Institute, Ruth Rappaport Children's Hospital, Rambam Health Care Campus, Haifa, Israel

⁶The Ruth and Bruce Rappaport Faculty of Medicine, The Technion, Haifa, Israel

16:35-16:42 **Bone Structure Integrity of SVEP1 Mice Knockout in Response to High-Fat Diet Nutrition**

Gabrielle Gammal¹, MD PhD candidate Nadav Kislev¹, Prof. Dafna Benayahu¹

¹Faculty of Medical & Health Sciences, Tel Aviv University, Israel

16:42-16:49 **Sexual Differences in Brain Transcriptomes of Blue Gourami Fish (*Trichogaster trichopterus*)**

Gad Degani¹, Dr. Ari Meerson¹

¹Faculty of Sciences, Tel-Hai Academic College, Israel, MIGAL Galilee Research Institute, Israel, Tel-Hai, Israel

16:49-16:56 **Validation of the Hebrew Version of the Menopause Rating Scale (MRS): A Cross-Sectional Study**

Dr. Sigal Shaklai^{1,2}, Dr. Orit Barenholz-Goultschin³, Dr. Merav Serebro¹, Dr. Ruti Gorev⁴, Dr. Yael Sofer^{1,2}, Dr. Tamar Eshkoli⁵, Prof Yona Greenman^{1,2}



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

²School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Israel

³Department of Obstetrics & Gynecology, Laniado Medical Center, Israel

⁴Maccabi Healthcare Services, Israel

⁵Department of Obstetrics and Gynecology and Endocrinology Unit, Soroka University Medical Center (SUMC), Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-Sheva, Israel

16:56-17:03 **Transgender Health Follow-Up Study from a Large Healthcare Provider**

Yair Schwarz^{1,2}, Dr. Tzipi Hornik-Lurie³, Dr. Shani Afek^{4,5}, Ms. Chaya Ben Yehuda³, Dr. Neta Lankri⁴, Dr Liana Tripto-Shkolnik^{1,5}

¹Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Israel

²The Dina Recanati School of Medicine, Reichman University, Israel

³Data Research Department at the Research Authority, Meir Medical Center, Clalit Health Services, Israel

⁴Sharon Shomron, Clalit Health Services, Israel

⁵School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Israel

17:03-17:10 **Vasorin Involvement in the Maintenance of the Ovarian Follicular Reserve**

Dr. Noa Lavi-Shoseyov^{1,2}, Dr. Dafna Ketter¹, Dr. Nitzan Rimon Dahari¹, Prof. Michal Neeman¹, Prof. Nava Dekel¹

¹Department of Immunology and Regenerative Biology, Weizmann Institute of Science, Israel

²IVF unit, Kaplan Hospital, Israel

17:10-17:17 **The Expression and Localization of FGF Receptors in the Sheep Preimplantation Embryo and Placenta**

Michal Elbaz^{1,2}, Dr. Maya Ross³, Mrs. Esther Karchovski-Shoshan¹, Mr. Alex Rozov¹, Prof. Alan Ealy⁴, Dr. Eran Gershon¹

¹Department of Ruminant Science, agricultural research organization, Israel

²The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Israel

³Institute of animal science, agricultural research organization, Israel

⁴School of Animal Sciences, Virginia tech, USA

17:17-17:24 **Dynamics of Placental Oxygen Machinery Upon Murine Gestational Hypoxia Offer a Possible Novel Adaptation Mechanism**

Doreen Padan Ben-Yashar¹, Dr. Talia Harris², Dr. Rachele Stefania³, Dr. Inna Goliand⁴, Mrs. Gila Meir¹, Mrs. Ofra x Golani⁴, Dr. Yael Pewzner-Yung¹, Dr. Yael Kuperman⁵, Dr. Sima Stroganov¹, Mrs. Gil Belisha¹, Mrs. Golda Gross¹, Ms. Stav Hirshenzon¹, Prof. Fortune Kohen¹, Prof. Silvio Aime⁶, Prof. Nava Dekel¹, Prof. Michal Neeman¹

¹Immunology and Regenerative Biology, The Weizmann Institute of Science, Israel

²Chemical Research Support, The Weizmann institute of science, Israel

³University of Eastern Piedmont, Italy

⁴Life sciences Core Facilities, The Weizmann institute of science, Israel

⁵Department of Veterinary Resources, The Weizmann Institute of Science, Israel

⁶University of Turino, Italy



Obesity

Chairs: **Dr. Alena Kirzhner** | Department of Internal Medicine A, Kaplan Medical Center and Faculty of Medicine, Hebrew University of Jerusalem, Israel; Department of Diabetes, Endocrinology and Metabolism, Kaplan Medical Center and Faculty of Medicine, Hebrew University of Jerusalem, Israel

Prof. Assaf Rudich | Department of Clinical Biochemistry and Pharmacology Faculty of Health Sciences, Ben-Gurion University of the Negev

16:00-16:07 **GI Tract to Brain- Investigating the Influence of Bariatric Surgery on Reward System Physiology and Reward-Seeking Behavior**

Yair Lellouche¹, Prof. Yonatan Kupchik¹, Prof. Danny Ben-Zvi²

¹Medical neurobiology, Hebrew University of Jerusalem, Israel

²Developmental Biology and Cancer Research, Hebrew University of Jerusalem, Israel

16:07-16:14 **Improvement in Metabolic Parameters with Semaglutide Use in Individuals with Type 1 Diabetes and Excess Weight**

Dr. Dmitriy Olshanskiy¹, Dr. Genya Aharon-Hananel^{2,3}, Dr. Noga Minsky²

¹Internal Medicine, Sheba Medical Center, Ramat Gan, Israel

²Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel

³Diabetes Unit, Hadassah Medical Center, Jerusalem, Israel

16:14-16:21 **Pancreatic Enzyme Replacement Therapy for the Management of Gastrointestinal Symptoms Induced by GLP-1 Receptor Agonists**

Dr. Shani Hegger^{1,2}, Dr. Ran Nissan³, Dr. Talia Diker-Cohen^{2,4}, Dr. Anat Leibner^{2,4}, Dr. Nina Nemirovsky^{2,4}, Prof. Amit Akirov^{2,4}, **Dr. Idit Dotan**^{2,4}

¹Department of Intensive Care, Rabin Medical Center, Beilinson Hospital, Israel

²Sackler Faculty of Medicine, Tel Aviv University, Israel

³Pharmacy Service, Rabin Medical Center, Beilinson Hospital, Israel

⁴Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Hospital, Israel

16:21-16:28 **Advanced Glycation End-Products (AGEs) Leading to Adipose Tissue Dysfunction and Impaired Metabolism**

Roza Izgilov¹, Mr. Nachum Kavin¹, Prof. Dafna Benayahu¹

¹Faculty of Medical and Health Sciences, Tel Aviv University, Israel

16:28-16:35 **FIB-4 Score in Young Healthy Adults and its Association with End Stage Liver Disease: A Nationwide Retrospective Study**

Dr. Michal Kasher Meron^{1,2}, Dr. Tzipi Hornik-Lurie³, Prof. Pnina Rotman-Pikielny^{1,2}, Dr. Yakov Gil Ben⁴, Prof. Gilad Twig^{5,6,7}, Dr. Tomas Karpati⁸

¹Endocrinology, Meir Medical Center, Kfar Saba

²School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv

³Research Department, Meir Medical Center, Kfar Saba, Israel

⁴The Center for Liver Diseases, Sheba Medical Center, Ramat Gan, Israel

⁵Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel



⁶Department of Preventive Medicine, School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel

⁷The Gertner Institute for Epidemiology and Health Policy Research, Sheba Medical Center, Ramat Gan, Israel

⁸Faculty of Sciences, Holon Institute of Technology, Holon, Israel

16:35-16:42 **Dynamic Adaptations in Arcuate Nucleus Vasculature Modulate Hormonal Transport in Metabolic Challenges**

Aviv Halfon¹, Prof. Ayal Ben-Zvi¹, Prof. Danny Ben-Zvi¹

¹Hebrew university of Jerusalem

16:42-16:49 **Establishing In Vitro Tools for Gastric Neuroendocrine Cell Research: From Physiology to Pathology**

Amit Elad¹, Dr. Rachel Schyr¹, Ms. Deborah Durand², Ms. Michelle Malis¹, Ms. Dana Orzech¹, Ms. Haya Ben-Hayun¹, Dr. Anat Bel-Ange³, Dr. Shani Avniel-Polak³, Dr. Esther Forkosh⁴, Ms. Orli Halstuk², Mr. Doron Kleiman¹, Mr. Botros Moalem¹, Dr. Itia Samuel¹, Mr. Moshe Pashkus⁴, Dr. Ariel Benson⁴, Dr. Ronit Grinbaum⁵, Dr. Liron Birimberg-Schwartz², Prof. Simona Grozinsky-Glasberg³, Dr. Myriam Grunewald², Prof. Danny Ben-Zvi¹

¹Hebrew University of Jerusalem

²Hadassah Organoid Center, Hadassah-Hebrew University Medical Center, Israel

³The Neuroendocrine Tumor Unit, European Neuroendocrine Tumor Society Center of Excellence, Division of Internal Medicine, Hadassah Medical Center, Israel

⁴Institute of Gastroenterology and Liver Diseases, Department of Internal Medicine, Hadassah-Hebrew University Medical Center, Israel

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16:49-16:56 **Adolescent Obesity, Hypertension and the Risk of Chronic Kidney Disease**

Danielle Akler¹, Dr. Avishai M. Tsur^{1,2,3,4}, Dr. Cole D. Bendor^{1,2,5,6}, MSc Estela Derazne⁴, Prof. Asaf Vivante^{4,7}, Prof. Ehud Grossman^{3,4}, Prof. Gabriel Chodick^{4,6}, Dr. Boris Fishman^{4,8}, Prof. Orit Pinhas-Hamiel^{4,9}, Prof. Arnon Afek^{5,10,11}, Prof. Josef Coresh¹², Prof. Gilad Twig^{1,2,5,6,13}

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¹³Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel

16:56-17:03 **The Effect of Bariatric Surgery in Women on Their Children`s Growth and Development**

Mika Littor¹, Mr. Omri Dodi¹, Dr. Rachel Ben-Haroush Schyr¹, Prof. Danny Ben-Zvi¹
Dept. of Developmental Biology and Cancer Research, Institute for Medical Research
Israel-Canada, Faculty of Medicine, The Hebrew University of Jerusalem, Israel

17:03-17:10 **Cell-type specificity of insulin-mediated transcriptional responsiveness and resistance in human adipose tissue**

Mr. Ido Yairi¹, Dr. Yulia Haim¹, Prof. Esti Yeger-Lotem¹, Prof. Assaf Rudich¹
¹Ben-Gurion University

17:10-17:17 **Cannabinoid-1 Receptor Blockade Ameliorates Metabolic Disruption in Acute Kidney Injury Maladaptive Repair**

Ms. Ariel Rothner¹, Dr. Liad Hinden¹, Dr. Aviram Kogot-Levin², Dr. Anna Permyakova¹,
Dr. Alina Nemirovski¹, Ms. Ifat Abramovich³, Ms. Bella Agranovich³, Dr. Inbar Plaschkes⁴
Prof. Eyal Gottlieb⁵, Prof. Gil Leibowitz², Prof. Joseph Tam^{1,6}

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³Laura and Isaac Perlmutter Metabolomics Center, B. Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel

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16:00-17:30 **Parallel Sessions - Flash Talks**

Hall J

Thyroid & NET

Chairs: **Dr. Sagit Zolotov** | Director, The Institute of Endocrinology Diabetes and Metabolism, Rambam Health Care Campus, Haifa Israel

Dr. Keren Kaminer | Endocrinology & Metabolism Institute, Rabin Medical Center, Petach Tikva, Israel

16:00-16:07 **Clinical Features and Outcomes in Patients with Thyroid Storm Hospitalized in Intensive/Cardiac Care Unit (i/ccu): A Two-Center Retrospective Study**

Rawa Yaghmour¹, Dr. David Fisher², Dr. Vivian Ostrovsky¹, Mr. Yotam Hertz³, Dr. Sorcha Mildiner¹, Prof. Merav Fraenkel², Prof. Taiba Zornitzki¹

¹Diabetes, Endocrinology and Metabolic Disease Institute, Kaplan Medical Center, The Faculty of Medicine, Hebrew University of Jerusalem, Rehovot, Israel

²Endocrinology Institute, Soroka Medical Center, Ben-Gurion University of the Negev, Beer Sheva, Israel

³Lithuanian University of Health Sciences, Kaunas, Lithuania



16:07-16:14 **Graves' Disease relapse Induced by Benralizumab: A Case Report**

Dr Gavriel Lichewitz¹, Dr. Gavriel Munter¹, Dr. Nissim Arish², Dr. Noa Sylvetzky¹, Dr. Meir Frankel¹, Dr. Gregory Gorelik¹

¹Endocrinology unit, affiliated to Faculty of Medicine, Hebrew University, Shaare Zedek Medical Center, Jerusalem, Israel

²The Pulmonary Institute, affiliated to Faculty of Medicine, Hebrew University, Shaare Zedek Medical Center, Jerusalem, Israel

16:14-16:21 **Afirma Genomic Classifier in Clalit Health Services: Preserving Thyroids and Promoting Equality**

Hadar Duskin-Bitan^{1,2,3}, Prof. Doron Netzer^{3,4}, Prof. Ilan Shimon^{1,2}, Prof Eyal Robenshtok^{1,2}

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²Faculty of Medicine, Tel Aviv University, Israel

³Division of Community Medical Services, Clalit Health Services, Israel

⁴Adelson School of Medicine, Ariel University, Israel

16:21-16:28 **In Hospitalized Patients with Non-Thyroidal Illness (NTIS), High FT4 Levels are Associated with Greater 90-Day Mortality**

Dr. Amir Bashkin^{1,2}, Ms. Noa Dan², Ms. Ossie Sharon¹, Dr. Elena Kuyantseva¹

¹Diabetes, Endocrinology, and Metabolism Unit, Galilee Medical Center, Israel

²Azrieli Faculty of Medicine, Bar-Ilan University, Israel

16:28-16:35 **Evaluation of Malignancy Risk in PET-CT Detected Thyroid Incidentalomas: Insights from an Israeli Cohort**

Dr. Esther Tahover^{1,2}, **Mrs. Eden Mizrahi³**, Genya Aharon-Hananel^{4,5}

¹Assuta Ramat Hahayal

²Bar-Ilan University

³Ben-Gurion University

⁴Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem

⁵Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem

16:35-16:42 **Amino Acid-Induced Hyperkalemia During Peptide Receptor Radionuclide (PRRT) Therapy: A Case Report and Literature Review**

Esther Osher¹, Prof. Ido Wolf², Prof. Ravit Geva², Dr. Yael Sofer³, Prof. Yona Greenman³, Dr. Yuval Horwich⁴, Dr. Roy Dayan⁵, Dr. Inna Ospovat²

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⁵Department of Intensive care, Tel-Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel-Aviv University, Israel



- 16:42-16:49 **Metastatic Papillary Thyroid Carcinoma with Internal Jugular Vein Tumor Thrombus**
Adnan Zaina¹, Dr. Sameer Kassem¹
¹Department of Endocrinology and Metabolism, Clalit Medical Health Care Services, Bar-Ilan Faculty of Medicine
- 16:49-16:56 **The Natural Course of Newborns with Transient Congenital Hypothyroidism**
Dr. Tal Almagor¹, Prof. Shlomo Almashanu², Dr. Ghadir Elias-Assad³, Dr. Osnat Admoni⁴, Dr. Hanna Ludar⁵, Dr. Shoshana Rath⁶, Dr. Alina German⁷, Mrs. Naama Shwartz⁸, Prof. Yarden Tenenbaum^{9,10}
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³Pediatric Endocrine Center, Clalit Health Services, Northern Region, Israel
⁴Pediatric Endocrine Center, Clalit Health services, Northern Region, Israel
⁵Pediatric Health Center, Clalit Health Services, Haifa, Israel
⁶Pediatric Endocrinology Service, Poria Medical Center, Israel
⁷Pediatric Endocrine Unit, Ha'Emek Medical Center, Afula, Israel
⁸Epidemiology Department, Carmel Medical Center, Haifa, Israel
⁹Pediatric Endocrinology, Clalit Health Services, Afula, Israel
¹⁰Faculty of Medicine, Technion, Haifa, Israel
- 16:56-17:03 **Clinical Features, Treatment, and Prognostic Differences in Thyroid Eye Disease: Comparing Early-Onset and Late-Onset Cases Relative to Thyroid Disease Diagnosis**
Yehudit Eden Friedman¹, Bar Klain², Guy Ben Simon², Ayelet Priel², Daphna Landau², Tali Cukierman-Yaffe¹, Ronen Shavit³, Nancy Agmon-Levin³, Ofira Zloto²
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³Clinical Immunology, Angioedema and Allergy Unit, The Zabudowicz Center for Autoimmune Diseases Sheba Medical Center, Tel Hashomer, Israel, affiliated to the School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv, Tel Aviv University
- 17:03-17:10 **Liver Enzymes as a Diagnostic Tool in Differentiating Hyperthyroidism from Thyroiditis**
Mr. Roi Horwitz^{1,2}, Prof. Amit Tirosh^{3,4}, Reut Halperin^{3,4}
¹Arrow project, Sheba Medical Center, Israel
²Medicine, Technion - Israel Institute of Technology, Israel
³Endocrinology, diabetes and metabolism, Sheba Medical Center, Israel
⁴Medicine, Tel Aviv University, Israel
- 17:10-17:17 **Unprecedented High-Dose Levothyroxine Requirement for Overt Hypothyroidism During Pembrolizumab and Lenvatinib Therapy: A Case Report**
Ruti Karov¹, Dr. Esther Osher¹, Prof. Yona Greenman¹
Endocrinology, Diabetes, Metabolism And Hypertension, Tel Aviv Souraski Medical Center
- 17:17-17:24 **Using TSH-receptor Antibody Testing to Guide Antithyroid Drug Withdrawal Reduces the Early Relapse Rate - A Population-Based Study**
David Fisher^{1,2}, Mr. Nitzan Sagie³, Prof. Merav Fraenkel^{1,2}, Dr. Uri Yoel^{1,2}
¹Endocrinology department, Soroka University Medical Center, Israel
²Clinical research center, Soroka University Medical Center, Israel
³Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel



07:30-08:30 **Registration, Refreshments & Visit the Exhibition**

08:30-10:00 **Parallel Sessions - Abstracts**
Obesity

Hall A

Chairs: **Dr. Kfir Sharabi** | The Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem. Rehovot, Israel
Dr. Hadar Milloh-Raz | Division of Endocrinology, Sheba Medical Center

08:30-08:42 **Sleeve Gastrectomy Reveals the Plasticity of the Human Gastric Epithelium**

Botros Moalem¹, Amit Elad, Dana Sender¹, Aya Bardugo^{1,2}, Ki-Suk Kim^{3,4}, Yhara Arad^{1,2}, Haya Benhayon¹, Ayelet Gal Etzyoni¹, Nechemi Greenstein⁴, Aviv Halfon¹, Sarah Knapp¹, Michelle Malis^{1,5}, Bailey Peck⁴, Itia Samuel¹, Amram Kupeitzky⁵, Saleh Daher⁶, Esther Forkosh⁶, David Hakimian⁶, Tiberiu Hershcovici⁶, Nadav Ilani⁶, Lior Katz⁶, Moshe Rottenstreich⁶, Elez Vainer⁶, Yuval Yishai⁶, Eitan Zlotnick⁶, Abed Nasereddin⁷, Idit Shiff⁷, Ariel Benson⁶, Ronit Grinbaum⁵, Siddhartha Mishra⁸, Shlomi Kotler⁹, Linda C. Samuelson^{10,11}, Darleen Sandoval¹², Rachel Ben-Haroush Schyr¹, Danny Ben-Zvi^{1,13}

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¹²Department of Pediatrics, University of Colorado, Anschutz Medical Campus, Aurora, CO, USA

¹³The Hebrew University Center for Computational Medicine, The Hebrew University of Jerusalem, Jerusalem, Israel

08:42-08:54 **Inhibition of Somatostatin Enhances the Long-Term Metabolic Outcomes of Sleeve Gastrectomy in Mice**

Mr. Doron Kleiman¹, Dr. Yhara Arad^{1,2}, Dr. Shira Azulai¹, Mr. Aaron Baker¹, Mr. Michael Bergel¹, Mr. Amit Elad¹, Dr. Arnon Haran¹, Dr. Liron Hefetz^{1,2}, Ms. Mika Litor^{1,2}, Ph.D Hadar Israeli¹, Ph.D Anna Permyakova³, Dr. Itia Samuel¹, Prof. Joseph Tam³, **Ph.D Rachel Ben-Haroush Schyr¹**, Prof. Danny Ben-Zvi^{1,4}



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³Obesity and Metabolism Laboratory, Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel

⁴The Center for Computational Medicine, Faculty of Medicine, The Hebrew University of Jerusalem, Israel

08:54-09:06 **LXR-Dependent Enhancer Activation Regulates the Temporal Organization of the Liver's Response to Refeeding Leading to Lipogenic Gene Overshoot**

Noga Korenfeld-David¹, Ms. Tali Gorbonos¹, Ms. Maria C. Romero Florian², Mr. Dan Rotaro¹, Mrs. Dana Goldberg¹, Mrs. Talia Radushkevitz-Frishman¹, Dr. Meital Charni-Natan¹, Dr. Meirav Bar-Shimon¹, Prof. Carolyn L. Cummins², Dr. Ido Goldstein¹

¹Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture Food and Environment, The Hebrew University of Jerusalem, Israel

²Department of Pharmaceutical Sciences, Leslie Dan Faculty of Pharmacy, University of Toronto, Canada

09:06-09:18 **Phytocannabinoid-Induced Metabolic and Lipid Reprogramming in MASLD**

Radka Kocvarova¹, Shahar Azar¹, Ifat Abramovich², Bella Agranovich², Eyal Gottlieb², Liad Hinden¹, Joseph Tam¹

¹Obesity and Metabolism Laboratory, Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Jerusalem, Israel

²Rappaport Faculty of Medicine and Research Institute, Technion, Haifa, Israel

09:18-09:30 **Deconstructing Weight Cycling: Unveiling Metabolic and Circadian Impacts of Weight Loss and Regain in Young and Mid-Aged Mice**

Habib Muallem¹, Mr. Alon Zemer¹, Dr. Yulia Haim¹, Mrs. Marina Rosengarten-Levin¹, Dr. Alexandra Tsitrina¹, Mr. Yuval Noah¹, Dr. Uri Yoel^{2,3}, Prof. Assaf Rudich¹

¹Ben-Gurion University, Department of Clinical Biochemistry and Pharmacology

²Endocrinology unit, Soroka University Medical Center, Beer Sheva, Israel

³Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel

09:30-09:42 **The Effects of Different Exercise Regimens on Body Composition, Cardiometabolic Health, and Adipose Tissue Distribution Post-Metabolic Bariatric Surgery; The POWER BARIATRIC Randomized Controlled Trial**

Yftach Gepner¹, Ms. Ariela Goldenshluger, Ms. Lior Fridman, Mr. Tamir Turjeman, Prof. Gal Duvnov-Raz, Dr. Osnat Raziell, Dr. Hassan Kais, Dr. Ilanit Mhaler, Prof. Ylan Yungster, Dr. Andrei Keidar, Prof. David Goitein, Prof. Nasser Sakran, Dr. Dror Dicker
School of Public Health, Tel Aviv University

09:42-09:54 **Increased Antidepressant and Anxiolytic Medication Dispensing in Patients Using Liraglutide Weight-Loss Formulation**

Hadar Duskin-Bitan^{1,2,3}, Dr. Russlan Sergienko³, Prof. Doron Netzer^{3,4}, MPH Talish Razi⁵, Dr. Jordan Lewinski³, Dr. Ronen Arbel³, Dr. Eyal Jacobson⁶

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⁴Adelson School of Medicine, Ariel University, Israel

⁵Health outcomes Research, Clalit Health Services, Israel

⁶Medical director, Clalit Supplementary Health Services, Clalit Health Services, Israel

08:30-10:00 **Parallel Sessions – Abstracts**

Hall B

Thyroid & NET

Chairs: **Dr. Nariman Saba Khazen** | Head of the Endocrine Department Lin Medical Center

Dr. Anat Bel Ange | Neuroendocrine Tumor Unit, ENETS Center of Excellence, Hadassah Medical Center and Faculty of Medicine, The Hebrew University of Jerusalem

08:30-08:42 **Point-of-Care Thyroglobulin Assay for Rapid Detection of Papillary Thyroid Carcinoma Metastases to Cervical Lymph Nodes- A Multi-Center Validation Study**

Dr. Uri Yoel^{1,2}, MSc. Sagi Angel³, Ms. Miriam Gelman⁴, Mr. Nitzan Burrack⁵, Dr. Pinchas Klein^{6,7}, Dr. Galit Avior^{7,8}, Dr. Idit Tessler^{7,8}, Prof. Oded Cohen^{2,9}, Prof. Joshua Ben-Zion^{2,10}, Dr. Liron Bidni¹⁰, Prof. Avi Hefetz^{2,11}, Dr. Nir Batat¹¹, Prof. Haggi Mazeh^{12,13}, Dr. Emily Bosin¹⁴, Ms. Miri Elezra¹⁴, Prof. Merav Fraenkel^{1,2}, Prof. Robert Marks³

¹Endocrinology unit, Soroka University Medical Center, Beer Sheva, Israel

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³Biotechnology Engineering, Faculty of Engineering sciences, Ben Gurion University of the Negev, Beer Sheva, Israel

⁴The Goldman Medical School at the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel

⁵Clinical Research Center, Soroka University Medical Center, Beer Sheva, Israel

⁶Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel

⁷Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

⁸Department of Otolaryngology - Head and Neck Surgery, Sheba Medical Center, Ramat Gan

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¹²Department of Surgery, Hadassah Medical Organization, Jerusalem, Israel

¹³Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel

¹⁴Endocrine laboratory, Soroka University Medical Center, Beer Sheva, Israel

08:42-08:54 **Does Reduced Direct Fetal Exposure to Iodine Linked with Low Birth Weight in Euthyroid Pregnancies? A Mother-Newborn Pilot Study**

Yaniv Ovadia^{1,2}, Dr. Ishai Dror², Dr. Liron Rozenberg¹, Dr. Efraim Zohav^{3,4}, Prof. Eyal Anteby^{3,4}, Ms. Hang Zhang², Prof. Brian Berkowitz², Dr. Gad Liberty^{3,4}

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²Department of Earth and Planetary Sciences, Weizmann Institute of Science, Rehovot, Israel

³Obstetrics and Gynecology Ultrasound Unit, Barzilai University Medical Center, Ashkelon, Israel

⁴Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel

08:54-09:06 **Insights into Central Congenital Hypothyroidism: A Multicenter Retrospective Analysis**

Alina German^{1,2}, Dr. Shlomo Almashanu³, Prof. Liat de Vries^{4,5}, Dr. Merav Gil Margolis^{4,5}, Dr. Rana Halloun⁶, Dr. Alon Haim^{7,8}, Dr. Ori Eyal^{9,10}, Dr. Floris Levy-Khademi^{11,12}, Dr. Dikla Pivko-Levy^{12,13}, Dr. Judith Nir¹⁴, Prof. Orit Pinhas-Hamiel^{5,15}, Prof. Yardena Tenenbaum-Rakover¹⁶

¹Pediatric Endocrinology, Haemek Medical Center, Israel



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- ³The National Newborn Screening Program, Ministry of Health, Ramat Gan, Israel
- ⁴The Jesse Z and Sara Lea Shafer Institute for Endocrinology and Diabetes, National Center for Childhood Diabetes, Schneider Children's Medical Center of Israel, Petah Tikva, Israel
- ⁵Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel
- ⁶Pediatric Endocrinology Unit, Ruth Rappaport Children's Hospital, Rambam Health Care Campus, Haifa, Israel
- ⁷Pediatric Endocrinology and Diabetes Unit, Soroka Medical Center, Beer-Sheva, Israel
- ⁸Faculty of Health Science, Ben-Gurion University of the Negev, Beer-Sheva, Israel
- ⁹Pediatric Endocrinology Unit, Dana-Dwek Children's Hospital, Tel-Aviv Medical Center, Tel Aviv, Israel
- ¹⁰Tel-Aviv University, Tel-Aviv University7, Tel-Aviv, Israel
- ¹¹Pediatric Endocrinology and Diabetes Unit, Share Zedek Medical Center, Jerusalem, Israel
- ¹²Faculty of Medicine, Hebrew University, Jerusalem, Israel
- ¹³Pediatric Endocrinology and Diabetes Unit, Wolfson Medical Center, Holon, Israel
- ¹⁴Pediatric Endocrinology and Diabetes Unit, Shamir (Asaf Harofe) Medical Center, Zerifin, Israel
- ¹⁵Pediatric Endocrinology and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Ramat Gan, Israel
- ¹⁶Consulting Endocrine Unit, Clalit Health Services, Afula, Israel

09:06-09:18 **Outcomes of Lobar and Sub-Lobar Resection for Lung Neuroendocrine Tumors (Lnets, Carcinoids) - An Enets Coe Experience**

Ranin Hojerat¹, Dr. Islam Idais¹, Dr. Gal Aviel¹, Dr. Amit Korach¹, Dr. Anat Bel-Ange², Prof. Simona Grozinsky-Glasberg², Prof. Simona Ben-Haim³, Prof. Uzi Izhar¹, Prof. Ori Wald¹

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³Department of Medical Biophysics and Nuclear Medicine, Hadassah Medical Center and Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel

09:18-09:30 **Dosimetric Analysis in 298 NET Patients and 1024 PRRT Cycles at Hadassah Medical Center, ENETS CoE**

Alexandre Chicheportiche¹, Prof. Simona Grozinsky-Glasberg², Dr. Anat Bel-Ange², Dr. Jeremy Godefroy¹, Prof. Yodphat Krausz¹, Prof. David J. Gross², Dr. Ofra Maimon³, Prof. Simona Ben-Haim¹

¹Department of Nuclear Medicine & Biophysics, Hadassah Medical Center, Jerusalem, Israel

²Neuroendocrine Tumor Unit, ENETS Center of Excellence, Division of Medicine, Hadassah Medical Center, Jerusalem, Israel

³Oncology Department, Hadassah Medical Center, Jerusalem, Israel

09:30-09:42 **Clinical Characteristics and Outcomes of Graves` Disease in Patients with Prior Hypothyroidism**

Afif Nakhleh^{1,2,3}, Prof. Eyal Robenshtok^{4,5}, Dr. Limor Adler^{5,6}, Dr. Shirley Shapiro Ben David^{5,6}, Dr. Daniella Rahamim-Cohen⁶, Dr. Ori Liran^{5,6}, Dr. Sagit Zolotov^{1,2}

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⁵Faculty of Medicine, Tel-Aviv University, Tel Aviv, Israel

⁶Health Division, Maccabi Healthcare Services, Tel Aviv, Israel

09:42-09:54 **Lower FT4 Levels are Associated with Increased Risk of C-Section or Assisted Delivery**

Dr. Gilad Karavan^{1,2,3}, Dr. Cherut Meirman⁴, Mr. Shalom Edri⁵, Prof. David Gillis⁶,

Prof. David Strich^{3,7,8}

¹Department of Obstetrics and Gynecology, Hadassah Ein-Kerem Medical Center, Jerusalem

²Infertility and IVF Unit, Hadassah Ein-Kerem Medical Center, Jerusalem

³Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem

⁴Rabin Medical and Tel Aviv and Dan districts, Clalit Health Service., Department of Family Medicine, Israel

⁵Information Center, Clalit HealthService, Israel

⁶Department of Pediatrics, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

⁷Pediatric Specialists Clinic, Clalit Health Services,, Jerusalem

⁸Pediatric Endocrinology, Shaare Zedek Medical Center, Jerusalem

08:30-10:00 **Parallel Sessions – Abstracts**

Hall C

Fertility & Transgender

Chairs: **Dr. Eran Gershon** | Animal science institute, Agricultural research organization

Dr. Dana Herzberg | Endocrinologist, Wolfson Medical Center & Clalit Health Service

08:30-08:42 **Central Precocious Puberty in Males, Whether GnRHa-Treated or Untreated, is Not Associated with Fertility and General Health Problems in Mid-Adulthood**

Prof. Liat DeVries^{1,2}, Dr. Michal Yackobovitch-Gavan^{1,2}, Dr. Tal Oron^{1,2}, Prof. Moshe Phillip^{1,2}, Prof. Joseph Meyerovitch^{1,2}, Dr. Ariel Tenenbaum^{1,2}, Prof. Liora Lazar^{1,2}

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

²Faculty of Medical & Health Sciences, Tel Aviv University, Tel Aviv Israel

08:42-08:54 **Low Detransition Rates Among 709 Gender-Affirming Therapy Recipients and Associated Risk Factors: Results from a Systematic Follow-up Study**

Ms. Gili Goldblat^{1,2}, Dr. Iris Yaish^{1,2}, Prof. Yona Greenman^{1,2}, **Karen Tordjman^{1,2}**

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

²Tel Aviv University Faculty of Medical and Health Sciences, Tel Aviv

08:54-09:06 **Unique Findings of High Gonadotropins, High Testosterone and Undetectable DHEAS and Progesterone in Complex III Deficiency Imply Mitochondrial Regulation of Steroidogenesis and Hypothalamic-Pituitary-Gonadal Feedback**

MSc Michal Toren¹, Dr. Osnat Admoni², Prof. Dov Tiosano^{1,3}, Prof. Hanna Mandel^{1,4}, Dr. Galit Tal^{1,5}, Prof. Shoji Yano⁶, Dr. Marc Weigensberg⁶, Dr. Irit Hochberg^{1,7}

¹Bruce Rappaport faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

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³Pediatric Endocrinology Unit, Rambam Medical Center, Haifa, Israel

⁴Clinical Genetics Institute, Galilee Medical Center, Nahariya, Israel

⁵Pediatric Metabolic Disorders and Pediatrics Ward B, Rambam Medical Center, Haifa, Israel

⁶Pediatric Genetics, Los Angeles General Medical Center, Los Angeles, US

⁷Institute of Endocrinology, Diabetes and Metabolism, Rambam Medical Center, Haifa, Israel



- 09:06-09:18 **Late Diagnosis of Gestational Diabetes in Women with Normal Glucose Challenge Test - What is the Utility of the Third-Trimester Oral Glucose Tolerance Test?**
Dr. Noa Haggiag¹, Dr. Esther Maor-Sagie¹, Prof. Rinat Gabbay-Benziv¹, Amir Naeh¹
Hillel Yaffe Medical Center
- 09:18-09:30 **Oral Glucose Tolerance Test in Pregnancy Can Serve as a Valuable Predictor for Future Diabetes**
Dr. Tal Schiller¹, Ms. Linoy Gabay², Dr. Oren Barak³, Dr. Alena Kirzhner^{1,4}, Prof. Edi Vaisbuch³,
Prof. Gabriel Chodick⁵, Msc. Yael Barer^{2,5}
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⁵School of Public Health, Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel
- 09:30-09:42 **Mild Chronic Stress Promotes Female Fertility via the Ovarian CRF Receptor**
Eran Gershon¹, Dr. Orna Issler², Dr. Mariana Schroeder³, Dr. Yael Kuperman⁴, Dr. Nava Nevo⁵,
Dr. Shlomi Lazar⁶, Prof. Nava Dekel⁵, Prof. Alon Chen⁷
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⁵Department of Immunology and Regenerative Biology, the Weizmann Institute of Science, Israel
⁶Department of Pharmacology, the Israeli Institute for Biological Research, Israel
⁷Department of Neurobiology, the Weizmann Institute of Science, Israel
- 09:42-09:56 **Birthday Hormone: Thyrotropin Releasing Hormone Regulates Hatching in Fish**
Dr. Deodatta Gajbhiye¹, Dr. Genevieve Fernandes¹, Mr. Itay Oz¹, Ms. Yuni Nahmias¹, **Matan Golan¹**
Department of Animal Sciences, Faculty of Agriculture, Hebrew University of Jerusalem, Israel
- 10:00-10:30 **Coffee Break & Visit at the Exhibition** Foyer
- 10:30-11:40 **Parallel Sessions 3 - Molecular Metabolism** Hall A
Chairs: **Dr. Ido Goldstein** | Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem
Prof. Amir Tirosh | Chief, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel Aviv University School of Medicine
- 10:30-10:48 **Stabilized Hepatic Spheroids: A Novel Model for Investigating GLP-2 Receptor Function in Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)**
Dr. Shai Fuchs | Pediatric Endocrine and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center
- 10:48-11:06 **Hepatocyte Transplantation Epigenetically Inactivates Age-Associated Thyroid Hormone Receptor Function**
Dr. Itzhak Reitzel | The Faculty for Biotechnology, The Technion - Israel Institute of Technology



11:06-11:23 Disease-Associated Programming of Cell Memory in Glycogen Storage Disorder Type 1a

Prof. Or Kakhlon | Department of Neurology, The Agnes Ginges Center for Human Neurogenetics, Hadassah-Hebrew University Medical Center, Ein Kerem, Jerusalem;
Faculty of Medicine, Hebrew University of Jerusalem, Ein Kerem, Jerusalem

11:23-11:40 Intermittent Fasting Sensitizes the Liver to Increase Ketogenesis

Dr. Ido Goldstein | Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem

10:30-11:40 Parallel Sessions 3 - Thyroid Disease: Fine-Tuning Treatment Strategies

Hall B

Chairs: **Dr. Sagit Zolotov** | Director, The Institute of Endocrinology Diabetes and Metabolism. Rambam Health Care Campus, Haifa Israel

Dr. Pinhas Klein | Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center

10:30-10:53 TSH Suppression in Differentiated Thyroid Cancer: Balancing Benefits and Risks

Dr. Rena Pollack | Head of the Endocrine-Oncology Service, Department of Endocrinology and Metabolism, Hadassah Medical Center

10:53-11:17 Exploring Thyroid Hormone Formulations: From Tabs to Desiccated Hormones

Prof. Eyal Robenshtok | Endocrinology and Metabolism Institute, Beilinson Hospital, Rabin Medical Center

11:17-11:40 Should I Screen My Family? Update on Familial Non-Medullary Thyroid Carcinoma

Dr. Uri Yoel | The Endocrine Unit, Soroka Medical Center

11:40-12:25 Plenary Session

Hall B

Chair: **Prof. Philippa Melamed** | Faculty of Biology, Technion-Israel Institute of Technology

11:40-12:25 Advances in Diagnosis and Management of Delayed and Absent Puberty

Dr. Sasha Howard | Clinical Reader (Associate Professor) and Honorary Consultant in Paediatric Endocrinology. Centre for Endocrinology, William Harvey Research Institute, Queen Mary University of London. Department of Paediatric Endocrinology, Royal London Hospital, Barts Health NHS Trust

12:25-13:35 Satellite Lunch's & Visit at the Exhibition

12:25-13:10 Satellite Lunch - From Dream to Reality - Delaying the Clinical Onset of Autoimmune Type 1 Diabetes

Hall H

Sponsored by Sanofi

Chair: **Prof. Moshe Phillip** | Director, The Institute of Pediatric Endocrinology, Diabetes & Metabolism, Schneider Children's Medical Center of Israel

12:25- 12:40 Screening for Type 1 Diabetes - How to Make it "ADIR"?

Prof. Moshe Phillip | Director, The Institute of Pediatric Endocrinology, Diabetes & Metabolism, Schneider Children's Medical Center of Israel

12:40-12:55 Teplizumab - A New Era in Type 1 Diabetes

Prof. Amir Tirosh | Director, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center; Professor of Medicine, Tel-Aviv University School of Medicine



12:55-13:10 **Beyond the Clinical Trials: Practical Insights into Teplizumab Therapy**
Prof. Yael Lebenthal | Director, The Institute of Pediatric Endocrinology, Diabetes & Metabolism, Dana-Dwek Children's Hospital, Tel Aviv Sourasky Medical Center

12:25-13:10 **Satellite Lunch - Weight Loss Equals Muscle Loss?** Hall I
What we Know and What we Don't
Sponsored by Regeneron

12:25-12:40 **Weight loss Equals Muscle Loss?? What we Know and What we Don't**
Prof. Tali Cukierman-Yaffe | Head Physician the Center for Successful Aging with Diabetes, Division of Endocrinology Metabolism and Diabetes Sheba Medical Center, Epidemiology D, School of Medicine Tel Aviv University

12:40-12:55 **Prevention of Muscle Loss During Weight Loss - Nonpharmacological Interventions**
Tal Yahalom-Peri | Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center; Epidemiology Department, School of Public Health, Faculty of Health, Tel Aviv University-Tel Aviv

12:55-13:10 **Prevention of Muscle Loss During Weight Loss - Pharmacological Interventions**
Prof. Ofri Mosenzon | Executive Medical Director, Regeneron Pharmaceutical, Tarrytown, NY, USA

12:25-13:10 **Satellite Lunch - The Incretin Power: Unveiling the Mechanisms of GLP-1 and GIP** Hall J
Sponsored by Eli Lilly

12:25-13:10 **Incretin Power: Unveiling the Mechanisms of GLP-1 and GIP**
Dr. Roy Eldor | Director, Diabetes Unit, Institute of Endocrinology, Metabolism & Hypertension, Tel-Aviv Sourasky Medical Center, Tel-Aviv

13:35-15:15 **Prize Session - IES Awards** Hall B
Chairs: **Prof. Merav Fraenkel** | President, Israel Endocrine Society, Head of Endocrine Service, Soroka University Medical Center, Faculty of Health Science, Ben-Gurion University of the Negev, Beer-Sheva
Prof. Amit Akirov | Endocrine Institute, Rabin Medical Center; Secretary of the Israel Endocrine Society

13:35-13:55 **The Chowers Award** | **Dr. Yotam Drier** | **Dr. Joshua Stokar**

13:55-14:15 **The Lindner Award** | **Prof. Amit Tirosh**

14:15-14:35 **Best Mentors Award** | **Dr. Ronit Kalmanovich-Dickstein** | **Prof. Yossi Orly**

14:35-14:45 **Best Community Physician Award** | **Dr. Nariman Saba Khazen**

14:45-14:55 **The Uri Liberman Award** | **Dr. Rakefet Bachrach**

14:55-15:15 **Best Abstracts**

15:15-15:30 **Coffee Break & Visit at the Exhibition** Foyer

15:30-16:30 **Parallel Sessions 4 - Interface: Adult and Pediatric Endocrinology Dialogue** Hall A
Chairs: **Dr. Orit Twito** | Head of Endocrinology and Diabetes Unit, Wolfson Medical Center
Dr. Tal Ben Ari Sekel | Director of the Pediatric Endocrinology and Diabetes Unit, Edith Wolfson medical center



15:30-15:50 **Fertility Preservation in Women with Turner Syndrome**

Prof. Yossi Mizrahi | Fertility Unit, The Edith Wolfson Medical Center

15:50-16:10 **Puberty and Fertility in Turner Syndrome: From Infancy to Adulthood**

Dr. Noah Gruber | Senior Pediatric Endocrinologist, Director of Turner Clinic, Pediatric Endocrine and Diabetes Unit, Lilly and Edmond Safra Children Hospital, Sheba Medical Center

16:10-16:30 **Wolfram Syndrome: Locally Un-Rare but Under-Recognized**

Dr. Noga Minsky | Head of Adult Wolfram Clinic and Virtual T1D Clinic, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel Hashomer

15:30-16:30 **Parallel Sessions 4 - Obesity and Obesity Drugs**

Hall B

Chairs: **Prof. Yossi Tam** | Obesity and Metabolism Laboratory, Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel
Dr. Tally Schiller | Head of The Diabetes and Endocrinology Service in Pregnancy, Kaplan Medical Center

15:30-15:50 **Obesogenic-Related Genes are Rescued by Exercise in Female Rats' Hypothalamic Arcuate Nucleus: A Potential Role of miR-211 Modulation**

Dr. Noam Meiri | Institute of Animal Science, ARO, The Volcani Institute, Israel

15:50-16:10 **Anti-Obesity Medications – Beyond Weight Reduction**

Dr. Idit Dotan | Head of the Diabetes Unit, Head of the Multi-Disciplinary center for the Treatment of Obesity, The Division of Endocrinology, Diabetes and Metabolic Diseases, Rabin Medical Center, Beilinson Campus

16:10-16:30 **Hormetic Effects of Oxidized Cholesterol in Preventing Steatosis and Hepatocyte Death in Mice**

Prof. Oren Tirosh | Professor of Nutritional Sciences, Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem

16:30-17:30 **Parallel Sessions 5 - Precision Medicine in Reproductive Endocrinology, from Infancy to Adulthood**

Hall A

Chairs: **Dr. Orit Barenholtz** | Obstetrics & Gynecology Department, Laniado Medical Center, Medical Director of Diabetes Clinic Meuhedet Health Care Services Jerusalem
Dr. Yoel Toledano | Division of Maternal Fetal Medicine, Rabin Medical Center; Medical Division, Meuhedet

16:30-16:50 **Relevance of Minipuberty for Long-Term Reproductive Health**

Dr. Sasha Howard | Clinical Reader (Associate Professor) and Honorary Consultant in Pediatric Endocrinology. Centre for Endocrinology, William Harvey Research Institute, Queen Mary University of London. Department of Pediatric Endocrinology, Royal London Hospital, Barts Health NHS Trust

16:50-17:10 **Genetic Investigation in Reproductive Endocrinology - What the Endocrinologist Should Know?**

Dr. Hagit Daum | OBGYN and Clinical Genetics Specialist, Medical Genetics Center, Hadassah, Jerusalem



17:10-17:30 **Cyp17a1 Congenital Adrenal Hyperplasia - Unique Aspects and Challenges**

Dr. Orit Barenholtz | Obstetrics & Gynecology department, Laniado hospital, Medical Director of Diabetes Clinic Meuhedet Health Care Services Jerusalem

16:30-17:30 **Parallel Sessions 5 - Islet Biology**

Hall B

Chairs: **Dr. Ronny Helman** | Institute of Biochemistry, Food Science and Nutrition, The Hebrew University of Jerusalem

Prof. Gil Leibowich | Past President of the Israel Endocrine Society, Head of the Hadassah Diabetes Unit, Hadassah Medical Center, Jerusalem

16:30-16:50 **Developing Next-Generation Stem Cell Islets**

Prof. Mathias Hebrok | Professor and Director, Center for Organoid Systems and Institute for Diabetes and Organoid Technology, Helmholtz Center Munich

16:50-17:10 **Epigenetic Dosage in Pancreatic Beta Cells: Where do we Stand and What Lies Ahead?**

Dr. Erez Dror | Diabetes Research and Immune Metabolism Lab, Faculty of Medicine, Hebrew University of Jerusalem

17:10-17:30 **Pericytes as Key Mediators of the Islet Niche and β -Cell Function**

Prof. Limor Landsman | Associate Professor, Dept. of Cell and Developmental Biology, Faculty of Medical and Health Sciences, Tel Aviv University



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