



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**  
**T12DM & T2DM**

Hall A

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 Miron<sup>1</sup>, Mr. Yuval Adar<sup>1</sup>, **Dr. Kfir Sharabi**<sup>1</sup>

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 Puyesky**<sup>1</sup>, Dunia Ali Nasser<sup>1</sup>, Mohammed Egbaria<sup>1</sup>, Lena Kabha<sup>1</sup>, Anat Schonblum<sup>1</sup>, Limor Landsman<sup>1</sup>

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 Cazes**<sup>1</sup>, Ms. Nufar Buchshtab<sup>1</sup>, Dr. Meital Charni-Natan<sup>1</sup>, Dr. Ido Goldstein<sup>1</sup>

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 Benhayon**<sup>1</sup>, Dr Michael M Danziger<sup>2</sup>, Prof. Danny Ben-Zvi<sup>1,3</sup>, Prof. Michal Rosen-Zvi<sup>2</sup>

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

<sup>2</sup>IBM Research, Israel

<sup>3</sup>Faculty of Medicine, the Hebrew University, Israel

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

**Doron Kleiman**<sup>1</sup>, Ms. Sarah Knapp<sup>1</sup>, Ms. Itia Magenheim<sup>1</sup>, PhD Rachel Schyr<sup>1</sup>, Prof. Danny Ben-Zvi<sup>1</sup>

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<sup>1,2</sup>, Ms. Avital Leshem<sup>2</sup>, Ms. Mirit Lezinger<sup>3</sup>, Dr. Dana Blatch<sup>4,5</sup>, Dr. Eli Heyman<sup>3,6</sup>, Prof. Ronny Geva<sup>1</sup>, Mr. Maor Gidron<sup>1</sup>, Dr. Jessica Yarmolovsky<sup>1</sup>, Ms. Efrat Sasson<sup>7</sup>, Dr. Sigal Tal<sup>6,7</sup>,

Dr. Caroline Weill<sup>4,5</sup>, Dr. Mordechay Medvedovsky<sup>4,5</sup>, Prof. Ekstein Dana<sup>4,5</sup>, **Marianna Rachmiel**<sup>2,6</sup>

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

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

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



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

<sup>5</sup>Faculty of Medicine, the Hebrew University of Jerusalem, Jerusalem, Israel

<sup>6</sup>School of Medicine, Tel Aviv University, Israel

<sup>7</sup>Radiology 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<sup>1,2</sup>, Ms. Yaara Gal<sup>1,2</sup>, Ms. Shiri Kushnir<sup>3</sup>, Dr. Adi Turjeman<sup>3,4</sup>, Ms. Tzippy Shochat<sup>5</sup>, Dr. Idit Dotan<sup>4,6</sup>, **Dr. Talia Diker Cohen**<sup>4,6</sup>

<sup>1</sup>Pharmacy, Rabin Medical Center, Beilinson Hospital, Israel

<sup>2</sup>Faculty of Medicine, The Hebrew University of Jerusalem, Israel

<sup>3</sup>Research Authority, Rabin Medical Center, Beilinson Hospital, Israel

<sup>4</sup>Faculty of Medicine, Tel Aviv University, Israel

<sup>5</sup>Statistical Consulting Unit, Rabin Medical Center, Beilinson Hospital, Israel

<sup>6</sup>Institute 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 Natour**<sup>1</sup>, Phd. Scott Koeneman<sup>1,2</sup>, Dr. Avinoam Nevler<sup>1</sup>

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

<sup>2</sup>Division 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**<sup>1,2</sup>, Maria Fleseriu, MD<sup>3</sup>, Hiba Masri-Iraqi, MD<sup>1,2</sup>, Tzipora Shochat, MSc<sup>4</sup>, Shiri Kushnir, BSc<sup>5</sup>, Ilan Shimon, MD<sup>1,2</sup>, Yaron Rudman, MD<sup>1,2</sup>

<sup>1</sup>Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel

<sup>2</sup>Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

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

<sup>4</sup>Biostatistics Unit, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel

<sup>5</sup>Research 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**<sup>1,2</sup>, Dr. Yaron Rudman<sup>2,3</sup>, Dr. Shlomit Koren<sup>1,2</sup>, Prof. Ilan Shimon<sup>2,3</sup>

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

<sup>2</sup>Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel

<sup>3</sup>Institute 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**<sup>1,2</sup>, Dr. Genady Drozdinsky<sup>2,3</sup>, Dr. Hiba Masri-Iraqi<sup>1,2</sup>, MSc Tzippy Shochat<sup>4</sup>,  
 BSc Shiri Kushnir<sup>5</sup>, Dr. Ilan Shimon<sup>1,2</sup>, Dr. Maria Fleseriu<sup>6</sup>, Dr. Amit Akirov<sup>1,2</sup>  
<sup>1</sup>Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel  
<sup>2</sup>Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel  
<sup>3</sup>Infectious Diseases Unit, Rabin Medical Center, Petah Tikva, Israel  
<sup>4</sup>Biostatistics Unit, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel  
<sup>5</sup>Research Authority, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel  
<sup>6</sup>Pituitary 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 Fransis**<sup>1</sup>, Prof. Naomi Weintrob<sup>1</sup>, Dr. Rebeca Kabbash<sup>1</sup>, Dr. Moran Farhat<sup>1</sup>,  
 Dr. Hussein Magdoub<sup>2</sup>, Dr. Hannah Ludar<sup>2</sup>, Dr. Shira London<sup>2</sup>, Dr. Inbal Halabi<sup>2</sup>, Dr. Keren Cohen<sup>2</sup>,  
 Mrs. Nili Stein<sup>3</sup>, Dr. Anat Segev<sup>4</sup>, **Dr. Ilana Koren**<sup>2</sup>  
<sup>1</sup>Pediatrics, Clalit Health Services, Haifa Israel  
<sup>2</sup>Pediatric Endocrinology, Clalit Health Services, Israel  
<sup>3</sup>Statistics, Clalit Health Services, Haifa Israel  
<sup>4</sup>Pediatric Endocrinology, Tel Aviv Medical Center, Haifa Israel
- 09:30-09:42 **Prevalence of Familial Pheochromocytoma and Paraganglioma Syndromes – A Large  
 Multicenter Study**  
**Reut Halperin**<sup>1,2</sup>, Ms. Gili Reznick-Levi<sup>3</sup>, Ms. Ayat Khalaileh<sup>3</sup>, Ms. Roni Svirsky-Frayden<sup>4</sup>,  
 Prof. Orit Reish<sup>2,4</sup>, Prof. Karin Weiss<sup>3,5</sup>, Prof. Amit Tirosh<sup>2,6</sup>  
<sup>1</sup>Endocrinology, diabetes and metabolism, Sheba Medical Center, Israel  
<sup>2</sup>Medicine, Tel Aviv University, Israel  
<sup>3</sup>Genetics Institute, Rambam Health Care Campus, Israel  
<sup>4</sup>Genetics Institute, Shamir Medical Center, Israel  
<sup>5</sup>Medicine, Technion-Israel Institute of Technology, Israel  
<sup>6</sup>Endocrinology, diabetes, Sheba Medical Center, Israel
- 09:42-09:54 **Single-Cell Multi-Omics Reveals Transcriptional Regulation of Neonatal Gonadotrope Lineage  
 Formation**  
**Ms. Gil Golan**<sup>1</sup>, Dr. Daniel Sheridan<sup>2</sup>, Dr. Karine Rizzoti<sup>2</sup>, Prof. Robin Lovell-Badge<sup>2</sup>,  
 Prof. Philippa Melamed<sup>1</sup>  
<sup>1</sup>Faculty of Biology, Technion-Israel Institute of Technology, Haifa, ISRAEL  
<sup>2</sup>Francis 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 Lerman<sup>1</sup>, Dr. Osnat Shtraichman<sup>1,2</sup>, Dr. Yaron Rudman<sup>1,3</sup>, Dr. Gloria Tsvetov<sup>1,3</sup>,

**Dr. Talia Diker Cohen**<sup>1,3</sup>



<sup>1</sup>Faculty of Medicine, Tel Aviv University, Israel

<sup>2</sup>Pulmonary Institute, Rabin Medical Center, Beilinson Hospital, Israel

<sup>3</sup>Institute 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**<sup>1,2</sup>, Prof. Gilad Twig<sup>3,4,5</sup>, Dr. Tzipi Hornik-Lurie<sup>6</sup>, Prof. Pnina Rotman-Pikielny<sup>1,2</sup>

<sup>1</sup>Department of Endocrinology, Meir Medical Center, Kfar Saba

<sup>2</sup>School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv

<sup>3</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan

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

<sup>5</sup>School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv

<sup>6</sup>Research 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 Halperin<sup>1</sup>, Dr. Naama Peshes-Yaloz<sup>1</sup>, Prof. Amit Tirosh<sup>1</sup>, **Dr. Orit Twito**<sup>2</sup>

<sup>1</sup>Endocrinology, diabetes and metabolism, Sheba Medical Center, Israel

<sup>2</sup>Endocrinology 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 Goldwasser**<sup>1</sup>, Dr. Uri Yoel<sup>2</sup>, Dr. Liana Tripto-Shkolnik<sup>3</sup>, Prof. Merav Fraenkel<sup>1,2</sup>

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

<sup>2</sup>Endocrine unit, Soroka University Medical Center, Be'er-Sheva, Israel

<sup>3</sup>Mineral 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**<sup>1,2</sup>, Dr. Hadar Alkobi Weiss<sup>2</sup>, Dr. Adi Goldbart<sup>3</sup>, Prof. Ethel Silverman Siris<sup>4</sup>, Dr. David Louis Fisher<sup>1,2</sup>, Dr. Lior Hassan<sup>2,3</sup>, Prof. Merav Fraenkel<sup>1,2</sup>

<sup>1</sup>Endocrinology, Soroka University Medical Center, Israel

<sup>2</sup>Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel

<sup>3</sup>Clinical Research Center, Soroka University Medical Center, Israel

<sup>4</sup>Department 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**<sup>1,2,3</sup>, Ms. Alla Lizeachin<sup>4</sup>, Mr. Slava Gezunterman<sup>4</sup>, Dr. Alon Friedlander<sup>2,4</sup>, Ms. Liat Toderis<sup>5</sup>, Ms. Lena Zac<sup>6</sup>, Dr. Liana Tripto-Shkolnik<sup>1,2</sup>

<sup>1</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel Hashomer

<sup>2</sup>School of Medicine, Faculty of Medical and Health Sciences

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

<sup>4</sup>Department of Orthopedic Surgery, Chaim Sheba Medical Center, Tel Hashomer

<sup>5</sup>ADAMS Center, Sheba Medical Center, Tel Hashomer

<sup>6</sup>MDCLONE, ADAMS Center, Sheba Medical Center, Tel Hashomer

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

**Dr. Noga Minsky**<sup>1</sup>, Dr. Tal Kedar<sup>2</sup>, Prof. Lior Greenbaum<sup>3</sup>, Dr. Hagit Shani<sup>4</sup>, Dr. Eve Stern<sup>2</sup>,



Prof. Ruth Huna-Baron<sup>5</sup>, Dr. Uri Yoel<sup>6</sup>, Dr. Merav Fraenkel<sup>6</sup>, Ms. May Miron<sup>7</sup>, Dr. Idit Dotan<sup>8</sup>, Prof. Yael Goldberg<sup>9</sup>, Dr. Nurit Assia Batzir<sup>10</sup>, Dr. Liat Barzilai-Yosef<sup>11</sup>, Dr. Carmit Arnon Ziv<sup>12</sup>, Mr. Gal Kojukhov<sup>13</sup>, Dr. Ilana Koren<sup>14</sup>, Dr. Inbal Halavi<sup>14</sup>, Prof. Avivit Cahn<sup>15</sup>, Dr. Genya Aharon-Hananel<sup>15</sup>, Prof. Orit Pinhas Hamiel<sup>2</sup>, Dr. Odelia Chorin<sup>3</sup>

<sup>1</sup>Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Israel  
<sup>2</sup>Pediatric Endocrine and Diabetes, Sheba Medical Center, Israel  
<sup>3</sup>Institute of Rare Diseases, Sheba Medical Center, Israel  
<sup>4</sup>Preimplantation Genetic Diagnosis Center, Sheba Medical Center, Israel  
<sup>5</sup>Neuro-ophthalmology, Sheba Medical Center, Israel  
<sup>6</sup>Soroka University Medical Center, Endocrinology Unit, Israel  
<sup>7</sup>Diabetes, Endocrinology and Metabolism, Sheba Medical Center, Israel  
<sup>8</sup>Department of Endocrinology, Diabetes & Metabolism, Rabin Medical Center - Beilinson Hospital, Israel  
<sup>9</sup>Raphael Recanati Genetic Institute, Rabin Medical Center - Beilinson Hospital, Israel  
<sup>10</sup>The Genetics Unit, Schneider Children's Medical Center of Israel, Israel  
<sup>11</sup>Endocrinology, Diabetes and Metabolism, Meir Medical Center, Israel  
<sup>12</sup>Pediatric Endocrinology, Shaare Zedek Medical Center, Israel  
<sup>13</sup>The Faculty of Medical and Health Sciences, Tel Aviv University, Israel  
<sup>14</sup>Clalit Health Services, Israel  
<sup>15</sup>Diabetes 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 Frishman<sup>1</sup>**, Mrs. Dorin Marciano-Anaki<sup>1</sup>, Dr. Ido Goldstein<sup>1</sup>  
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<sup>\*</sup>, Aviram Kogot-Levin<sup>1</sup>, Elisheva Zemelman<sup>1</sup>, **Ziv Teselpapa<sup>1</sup>**, Tamar Cohen<sup>1</sup>, Ifat Abramovich<sup>2</sup>, Bella Agranovich<sup>2</sup>, Dana Avrahami<sup>1</sup>, Liad Hinden<sup>3</sup>, Erol Cerasi<sup>1</sup>, Daljeet Kaur<sup>4</sup>, Lihi Grinberg<sup>4</sup>, Ron Piran<sup>4</sup>, Joseph Tam<sup>3</sup>, Erez Dror<sup>5</sup>, Ernesto Bernal Mizrahi<sup>6</sup>, Gil Leibowitz<sup>1</sup>  
<sup>1</sup>Diabetes Unit and Endocrine Service, Hadassah Medical Center of the Hebrew University, Jerusalem, Israel

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

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

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

<sup>6</sup>Department 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 Novichkova<sup>1</sup>**, Ms. Nimisha Gupta<sup>1</sup>, Ms. Polina Kotova<sup>2</sup>, Dr. Aharon Helman<sup>2</sup>, Prof. Michael Walker<sup>1</sup>

<sup>1</sup>Biomolecular Sciences, Weizmann Institute of Science, Israel

<sup>2</sup>The 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 Naser<sup>1</sup>**, Prof. Limor Landsman<sup>1</sup>

<sup>1</sup>Department 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 Zamashanski<sup>1</sup>**, Agnes Klochendler<sup>1</sup>, Prof. Yuval Dor<sup>1</sup>

<sup>1</sup>The 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 Samuel<sup>1</sup>**, Mr. Amit Elad<sup>1</sup>, Mr. Doron Kleiman<sup>1</sup>, Mr. Botros Moalem<sup>1</sup>, Mr. Aviv Halfon<sup>1</sup>, Prof. Rachel Ben-Haroush Schyr<sup>1</sup>, Dr. Danny Ben-Zvi<sup>1</sup>

<sup>1</sup>Hebrew University of Jerusalem

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

**Moshe Sellam<sup>1</sup>**, Mrs. Kamil Bar Nes<sup>1,2</sup>, Dr. Riham Smoom<sup>2</sup>, Mrs. Reut Rifkind<sup>1,3</sup>, Prof. Benjamin Glaser<sup>1</sup>, Prof. Yehuda Tzfati<sup>2</sup>, Dr. Dana Avrahami<sup>1,3</sup>

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

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

<sup>3</sup>Department 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**<sup>1,2</sup>, Dr. Ran Nissan<sup>3</sup>, Dr. Talia Diker-Cohen<sup>2,4</sup>, Dr. Anat Leibner<sup>2,4</sup>,  
Dr. Nina Nemirovsky<sup>2,4</sup>, Prof. Amit Akirov<sup>2,4</sup>, Dr. Idit Dotan<sup>2,4</sup>

<sup>1</sup>Department of Intensive Care, Rabin Medical Center, Beilinson Hospital, Israel

<sup>2</sup>Sackler Faculty of Medicine, Tel Aviv University, Israel

<sup>3</sup>Pharmacy Service, Rabin Medical Center, Beilinson Hospital, Israel

<sup>4</sup>Institute 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 Belin**<sup>1</sup>, Mr. Udi Ehud Knebel<sup>1</sup>, Dr. Shani Peleg<sup>1</sup>, Ms. Maya Israeli<sup>1</sup>, Dr. Miri Stolovich-Rain<sup>1</sup>,  
Prof. Alvin C. Powers<sup>2,3</sup>, Dr. Chunhua Dai<sup>2</sup>, Dr. Heather R. Kates<sup>4</sup>, Dr. Clive H. Wasserfall<sup>4</sup>,  
Dr. MacKenzie Williams<sup>4</sup>, Dr. Ann Fu<sup>4</sup>, Dr. Martha Campbell-Thompson<sup>4</sup>, Prof. Desmond A. Schatz<sup>4</sup>,  
Prof. Benjamin Glaser<sup>5</sup>, Prof. Erez Y. Levanon<sup>6</sup>, Dr. Agnes Klochendler<sup>1</sup>, Prof. Yuval Dor<sup>1</sup>

<sup>1</sup>The Hebrew University of Jerusalem, Jerusalem, Israel

<sup>2</sup>Vanderbilt University Medical Center, Nashville, TN, USA

<sup>3</sup>VA Tennessee Valley Healthcare, Nashville, TN, USA

<sup>4</sup>College of Medicine, University of Florida, Gainesville, FL, USA

<sup>5</sup>Hadassah Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel

<sup>6</sup>Bar-Ilan University, Ramat Gan, Israel

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

**Dr. Noga Minsky**<sup>1</sup>, Ms. May Miron<sup>1</sup>, Prof. Amir Tirosh<sup>1</sup>

<sup>1</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medial Center, Ramat Gan, Israel

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

**Adi Gershon**<sup>1</sup>, Eden Engal<sup>1</sup>, Dr. Aveksha Sharma<sup>1</sup>, Prof. Maayan Salton<sup>1</sup>

<sup>1</sup>Department 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 Engal**<sup>1</sup>, Dr. Hadas Masury-David<sup>2</sup>, Prof. Joseph Tam<sup>3</sup>, Ms. Xue Sun<sup>4</sup>, Dr. Oren Ram<sup>4</sup>,  
Dr. Asaf Marco<sup>5</sup>, Prof. Rinat Abramovitch<sup>2</sup>, Dr. Alex Gileles-Hillel<sup>2,6</sup>

<sup>1</sup>Faculty of Medicine, The Hebrew University of Jerusalem, Israel

<sup>2</sup>The Wohl Institute for Translational Medicine, Hadassah Medical Center,, Israel

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

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

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

<sup>6</sup>Pediatric Pulmonology and Sleep Unit, Department of Pediatrics, Hadassah Medical Center, Israel

16:00-17:30 **Parallel Sessions - Flash Talks  
T1DM & T2DM - Clinical**

Hall B

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 Khudyakova**<sup>1</sup>, Mrs. Marina Veinberg<sup>1</sup>, Mr. Alexey Dvorkin<sup>2</sup>,  
 Dr. Arsen Shpigelman<sup>3</sup>, Dr. Michal Gershinsky<sup>4</sup>  
<sup>1</sup>Departments of Endocrinology and Diabetes, Lady Davis Carmel Medical Center and Linn Medical Center  
<sup>2</sup>Departments of Orthopedics, Lady Davis Carmel Medical Center and Linn Medical Center  
<sup>3</sup>Ruth and Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Departments of Orthopedics, Lady Davis Carmel Medical Center and Linn Medical Center  
<sup>4</sup>Ruth 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 Jakubowicz**<sup>1</sup>, Ms. Shani Tsameret<sup>2</sup>, Ms. Yael Matz<sup>2</sup>, Prof. Zohar Landau<sup>1</sup>,  
 Prof. Julio Wainstein<sup>1</sup>, Dr. Orit Twito<sup>1</sup>, Ms. Nava Chapnik<sup>2</sup>, Prof. Oren Froy<sup>2</sup>  
<sup>1</sup>Endocrinology and Diabetes Unit, Wolfson Medical Center, Tel Aviv University, Israel  
<sup>2</sup>The 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**<sup>1,2</sup>, Dr. Erez Tsumi<sup>3</sup>, Dr. Tamar Eshkoli<sup>4,5</sup>  
<sup>1</sup>Joyce & Irving Goldman Medical School, Faculty of Health Sciences, Ben-Gurion University of the Negev, Be'er-Sheva, Israel  
<sup>2</sup>Clinical Research Center, Soroka Medical Center, Beer-Sheva, Israel  
<sup>3</sup>Department of Ophthalmology, Soroka Medical Center, Ben-Gurion University of the Negev, Beer-Sheva, Israel  
<sup>4</sup>Department of Obstetrics and Gynecology, Soroka Medical Center, Beer-Sheva, Israel  
<sup>5</sup>Endocrinology 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 Zaina**<sup>1</sup>, Dr. Maharan Kabha<sup>2</sup>, Dr Sameer Kassem<sup>3</sup>, Dr. Yoram Dekel<sup>4</sup>  
<sup>1</sup>Division of Endocrinology and Metabolism, Clalit Medical Health Care Services, Haifa and Western Galilee District. <sup>6</sup>Bar-Ilan University, The Azrieli Faculty of Medicine, Safed, Israel  
<sup>2</sup>Department of Urology, Lady Davis Carmel Medical Center. <sup>2</sup>Ruth and Bruce Rappaport Faculty of Medicine, Technion-Institute of Technology, Haifa, Israel  
<sup>3</sup>Ruth and Bruce Rappaport Faculty of Medicine, Technion-Institute of Technology, Department of Internal Medicine, Carmel Medical Center  
<sup>4</sup>Department 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**<sup>1,2</sup>, Prof. Yardena Tenenbaum-Rakover<sup>3,4</sup>, Prof. Lena Sagi-Dain<sup>2,4,5</sup>, Dr. Ilana Koren<sup>1,2,4</sup>  
<sup>1</sup>Pediatric Endocrine Unit, Carmel Medical Center, Haifa, Israel  
<sup>2</sup>Clalit Health Services, Haifa, Israel  
<sup>3</sup>Children's Endocrinology Consulting Center, Clalit Health Services, Northern District, Afula, Israel



<sup>4</sup>The Ruth & Bruce Rappaport Faculty of Medicine, Technion, Haifa, Israel

<sup>5</sup>Genetic 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 Raz**<sup>1</sup>, Mr. Nir Amitai<sup>1,2</sup>, Mr. Tomer Kerman<sup>2</sup>, Dr. Tamar Eshkoli<sup>3,4</sup>, Dr. Ahed Imtirat<sup>5</sup>, Dr. Dor Marciano<sup>3</sup>, Prof. Eyal Sheiner<sup>3</sup>, Dr. Erez Tsumi<sup>5</sup>

<sup>1</sup>Joyce & 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

<sup>2</sup>Clinical 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

<sup>3</sup>Department of Obstetrics and Gynecology, Soroka University Medical Center, Beer-Sheva, Israel, Soroka University Medical Center, Israel

<sup>4</sup>Endocrinology Unit, Soroka University Medical Center, Beer-Sheva, Israel, Soroka University Medical Center, Israel

<sup>5</sup>Department 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**<sup>1,2</sup>, Dr. Amir Bashkin<sup>3,4</sup>, Dr. Hefziba Green<sup>1,2</sup>, Dr. Haitham Abu Khadija<sup>2,5</sup>, Dr. Meital Zikry Deitch<sup>2,6</sup>, Mrs. Merav Greenstein<sup>7</sup>, Mrs. Lee Cohen<sup>2,8,9</sup>, Dr. Tal Schiller<sup>2,9</sup>

<sup>1</sup>Department of Internal Medicine A, Kaplan Medical Center, Israel

<sup>2</sup>Faculty of Medicine, Hebrew University of Jerusalem, Israel

<sup>3</sup>Department of Diabetes, Endocrinology and Metabolism, Galilee Medical Center, Israel

<sup>4</sup>Azrieli Faculty of Medicine, Galilee Medical Center, Israel

<sup>5</sup>Department of Cardiology, Kaplan Medical Center, Israel

<sup>6</sup>Intensive care unit, Kaplan Medical Center, Israel

<sup>7</sup>Merav Statistical Consulting, Kaplan Medical Center, Israel

<sup>8</sup>Department of Clinical Nutrition, Kaplan Medical Center, Israel

<sup>9</sup>Department 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**<sup>1,2</sup>, Dr. Muhammad Agbaraia<sup>3</sup>, Mr. Alex Shtorkman<sup>4</sup>, Ms. Gala Sela<sup>1</sup>, Ms. Sireen Sharif<sup>5</sup>, Dr. Avraham Ishay<sup>1,2</sup>

<sup>1</sup>Endocrinology, Emek medical center, Israel

<sup>2</sup>Medicine, Technion - Israel Institute of Technology, Israel

<sup>3</sup>Internal Medicine, Emek medical center, Israel

<sup>4</sup>Gastroenterology department, Emek medical center, Israel

<sup>5</sup>Statistics, Emek medical center, Israel

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

**Rachel Avraham**<sup>1</sup>, Dr. Orit Twito<sup>1</sup>

<sup>1</sup>Endocrinology 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-Shachar**<sup>1</sup>, Mrs. Alisa Fishkin<sup>1</sup>, Prof. Gil Leibowitz<sup>2</sup>,  
 Dr. Genyah Aharon-Hananel<sup>1,3</sup>  
<sup>1</sup>Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel  
<sup>2</sup>Endocrinology and Metabolism Service, Department of Medicine, Hadassah-Hebrew University  
 Medical Center, Jerusalem, Israel  
<sup>3</sup>Diabetes 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**<sup>1,2</sup>, Ms. Oxana Gaiduk<sup>2,3</sup>, Dr. Michael Yackobovitch-Gavan<sup>4</sup>, Ms. Irina Laurian<sup>1,5</sup>,  
 Ms. Anna Dorfman<sup>1,5</sup>, Dr. Gabi Shefer<sup>2</sup>, Prof. Avivit Brenner<sup>1,2</sup>, Prof. Yael Lebenthal<sup>1,2</sup>  
<sup>1</sup>Dana-Dwek" Children's Hospital, Tel Aviv Sourasky Medical Center, The Institute of Pediatric  
 Endocrinology, Diabetes and Metabolism, Tel Aviv, Israel  
<sup>2</sup>Tel Aviv University, Faculty of Medicine, Israel  
<sup>3</sup>Tel Aviv Sourasky Medical Center, The Endocrine Laboratory, The Institute of Endocrinology,  
 Metabolism and Hypertension, Tel Aviv, Israel  
<sup>4</sup>Tel Aviv University, Department of Epidemiology and Preventive Medicine, School of Public  
 Health, Faculty of Medicine, Tel Aviv, Israel  
<sup>5</sup>Tel 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<sup>1,2</sup>, Mrs. Yovel Cohen<sup>1,2</sup>, Prof. Ofri Mosenzon<sup>3</sup>, Prof. Gil Leibowitz<sup>1,2</sup>,  
**Genya Aharon-Hananel**<sup>1,2</sup>  
<sup>1</sup>Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem  
<sup>2</sup>Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem  
<sup>3</sup>Regeneron 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**<sup>1,2</sup>, Prof. Ilan Shimon<sup>1,2</sup>, Dr. Yaron Rudman<sup>1,2</sup>, Mrs. Shiri Kushnir<sup>3</sup>, Prof. Amit Akirov<sup>1,2</sup>  
<sup>1</sup>Institute of Endocrinology, Rabin medical center, Israel  
<sup>2</sup>Faculty of medical and health sciences, Tel Aviv University, Israel  
<sup>3</sup>Research 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 Koren**<sup>1</sup>, Prof. Naomi Weintrob, Prof. David Torpy<sup>2</sup>  
<sup>1</sup>Pediatric Endocrinology, Clalit Health Services, Haifa Israel  
<sup>2</sup>Endocrinology, Hospital, Australia
- 16:14-16:21 **Ischemic Stroke Risk in Patients with Dopamine Agonist-Treated Hyperprolactinemia**  
**Prof. Amit Akirov**<sup>1,2</sup>, Dr. Yaron Rudman<sup>2,3</sup>, Dr. Yael Sharon<sup>2,4</sup>, Prof. Ilan Shimon<sup>2,3</sup>, Mrs. Shiri Kushnir<sup>5</sup>,  
 Dr. Talia Diker-Cohen<sup>2,3</sup>



- <sup>1</sup>Endocrine Institute, Rabin Medical Center, Israel  
<sup>2</sup>Faculty of Medicine, Tel Aviv University, Israel  
<sup>3</sup>Endocrine Institute, Beilinson Hospital, Israel  
<sup>4</sup>Ophthalmology Department, Beilinson Hospital, Israel  
<sup>5</sup>Research 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**<sup>1,2</sup>, Dr. Merav Serebro<sup>1</sup>, Prof. Zvi Ram<sup>2,3</sup>, Prof. Rachel Grossman<sup>3,4</sup>, Dr. Iris Yaish<sup>1,2</sup>, Dr. Naomi Even Zohar<sup>1</sup>, Prof. Yona Greenman<sup>1,2</sup>, Karen Tordjman<sup>1,2</sup>

- <sup>1</sup>Institute of Endocrinology, Tel Aviv Sourasky Medical Center, Israel  
<sup>2</sup>Faculty of Health & Medical Sciences, Tel Aviv University, Israel  
<sup>3</sup>Department of Neurosurgery, Tel Aviv Sourasky Medical Center, Israel  
<sup>4</sup>Department 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**<sup>1,2</sup>, Yaron Rudman<sup>3,4</sup>, Tzipora Shochat<sup>5</sup>, Shiri Kushnir<sup>6</sup>, Ilan Shimon<sup>3,4</sup>, Maria Fleseriu<sup>7</sup>, Amit Akirov<sup>3,4</sup>

- <sup>1</sup>Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petach Tikva, Israel  
<sup>2</sup>Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel  
<sup>3</sup>Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petach Tikva, Israel  
<sup>4</sup>Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel  
<sup>5</sup>Biostatistics Unit, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel  
<sup>6</sup>Research Authority, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel  
<sup>7</sup>Pituitary 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<sup>1,2</sup>, Dr. Ori Eyal<sup>1,2</sup>, Dr. Michal Yackobovitch-Gavan<sup>2</sup>, Dr. Ravit Regev<sup>1,2</sup>, Prof. Jonathan Roth<sup>2,3</sup>, Prof. Shlomi Constantini<sup>2,3</sup>, Prof. Yael Lebenthal<sup>1,2</sup>, **Avivit Brener**<sup>1,2</sup>

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

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

**Zvi Laron**<sup>1</sup>, Ph.D Haim Werner<sup>2</sup>

- <sup>1</sup>Endocrine and Diabetes Res Unit, Schneider Children's Med Ctr, Israel  
<sup>2</sup>Dept 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 Oster**<sup>1</sup>, Mrs. Haya Benhayon<sup>1</sup>, Mr. Amit Elad<sup>1</sup>, Ph.D Rachel Ben-Haroush Schyr<sup>1</sup>, Prof. Danny Ben-Zvi<sup>1,2</sup>

- <sup>1</sup>Developmental Biology and Cancer Research, Institute for Medical Research Israel-Canada, Faculty of Medicine, The Hebrew University of Jerusalem, Israel  
<sup>2</sup>The 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**<sup>1,2</sup>, Dr. Neta Simon<sup>2</sup>, Dr. Rona Shimon<sup>3</sup>, Dr. Genady Drozdinsky<sup>2,4</sup>, Dr. Efrat Markus<sup>2,5</sup>, Dr. Hadar Duskin-Bitan<sup>1,2</sup>, Dr. Hiba Masri-Iraqi<sup>1,2</sup>, Dr. Gloria Tsvetov<sup>1,2</sup>, Prof. Amit Akirov<sup>1,2</sup>, Prof. Ilan Shimon<sup>1,2</sup>  
<sup>1</sup>Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel  
<sup>2</sup>Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel  
<sup>3</sup>Faculty of Medicine, Semmelweis University, Budapest, Hungary  
<sup>4</sup>Infectious Diseases Unit, Rabin Medical Center, Petah Tikva, Israel  
<sup>5</sup>Institute 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 Serebro**<sup>1</sup>, Prof. Yona Greenman<sup>1,2</sup>, Dr. Penina Ponger<sup>2,3</sup>  
<sup>1</sup>Tel Aviv-Sourasky Medical Center, Institute of Endocrinology, Diabetes, Metabolism, and Hypertension, Tel Aviv, Israel  
<sup>2</sup>Tel Aviv University, Faculty of Medicine, Tel Aviv, Israel  
<sup>3</sup>Tel 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**<sup>1,2</sup>, Dr. Yaron Rudman<sup>1,2</sup>, Mrs. Tzipora Shochat<sup>3</sup>, Mrs. Shiri Kushnir<sup>4</sup>, Dr. Keren Kaminer<sup>1</sup>, Dr. Idit Dotan<sup>1,2</sup>, Dr. Gloria Tsvetov<sup>1,2</sup>, Prof. Ilan Shimon<sup>1,2</sup>, Prof. Amit Akirov<sup>1,2</sup>  
<sup>1</sup>Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Israel  
<sup>2</sup>Faculty of Medicine, Tel Aviv University, Israel  
<sup>3</sup>Biostatistics Unit, Beilinson Hospital, Rabin Medical Center, Israel  
<sup>4</sup>Research 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 Frankel**<sup>1</sup>, Dr. Gabriel Munter<sup>1</sup>, Dr. Sophia Magen<sup>2</sup>, Dr. Anthony Verstandig<sup>3</sup>  
<sup>1</sup>Endocrinology unit, Shaare Zedek Medical Center, affiliated to Faculty of Medicine, Hebrew University, Jerusalem, Israel  
<sup>2</sup>Laboratory division, Shaare Zedek Medical Center, affiliated to Faculty of Medicine, Hebrew University, Jerusalem, Israel  
<sup>3</sup>Interventional 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**<sup>1,2</sup>, Dr. Gloria Tsvetov<sup>1,2</sup>, Mrs. Einav Dandeker<sup>3</sup>, Dr. Adi Turjeman<sup>2,4</sup>, Prof. Leonard Leibovici<sup>2,4</sup>, Dr. Samah Hayek<sup>3,5</sup>  
<sup>1</sup>Endocrinology department, Beilinson Hospital, Rabin Medical Center, Israel, Israel  
<sup>2</sup>Faculty of Medicine, Tel Aviv University, Israel, Israel  
<sup>3</sup>Department of Epidemiology and Preventive Medicine, School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University, Israel  
<sup>4</sup>Research Authority, Beilinson Hospital, Rabin Medical Center, Israel, Israel



<sup>5</sup>Clalit 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**<sup>1,2</sup>, Ms. Yael Issan<sup>1,2</sup>, Dr. Asaf Oren<sup>1,3</sup>, Dr. Eyal Cohen-Sela<sup>1,3</sup>, Ms. Tamar Sheppes<sup>1,4</sup>,  
Dr. Ravit Regev<sup>1,3</sup>, Dr. Anat Segev-Becker<sup>1,3</sup>, Prof. Yael Lebenthal<sup>1,3</sup>, Dr. Liat Perl<sup>1,3</sup>  
<sup>1</sup>The Institute of Pediatric Endocrinology, Diabetes and Metabolism, Dana-Dwek Children's  
Hospital, Israel  
<sup>2</sup>The Nutrition & Dietetics Unit, Tel-Aviv Sourasky Medical Center, Israel  
<sup>3</sup>School of Medicine, Faculty of Medical and Health Sciences, Tel-Aviv University, Israel  
<sup>4</sup>Psychological Services, Tel-Aviv Sourasky Medical Center, Israel
- 16:14-16:21 **World Census of Patients with Laron Syndrome**  
M.D. Tal Rabin<sup>1</sup>, **Zvi Laron**<sup>1</sup>  
<sup>1</sup>Endocrine 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**<sup>1,2</sup>, Dr. Assaf Buch<sup>1,2</sup>, Prof. Gabriel Chodick<sup>2,3</sup>, Dr. Inbal Goldshtein<sup>2,3</sup>,  
Prof. Yona Greenman<sup>1,4</sup>  
<sup>1</sup>Institute of Endocrinology, Diabetes, Hypertension and Metabolism, Sourasky Medical Center,  
Tel Aviv, Israel  
<sup>2</sup>Epidemiology Department, School of Public Health, Sackler Faculty of Medicine, Tel Aviv  
University, Israel  
<sup>3</sup>Maccabitech institute for research and innovation, Maccabi Healthcare Services, Tel Aviv, Israel  
<sup>4</sup>Sackler 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 Asaly**<sup>1</sup>, Dr. Khaled Osman<sup>2</sup>, Dr. Rana Halloun<sup>3</sup>, Dr. Tamar Paperna<sup>4</sup>, Dr. Shirley Pollack<sup>5,6</sup>,  
Prof. Daniella Magen<sup>5,6</sup>, Prof. Dov Tiosano<sup>3,6</sup>, Dr. Karin Weiss<sup>4,6</sup>  
<sup>1</sup>Pediatric Endocrinology and Diabetes Unit, The Edmond and Lily Safra Children's, The Sheba  
Medical Center, Tel-Hashomer, Israel  
<sup>2</sup>Genetics Institute, Rambam Health Care Campus, Haifa, Israel  
<sup>3</sup>Division of Pediatric Endocrinology, Ruth Rappaport Children's Hospital, Rambam Health Care  
Campus, Haifa, Israel  
<sup>4</sup>Genetics Institute, Ruth Rappaport Children's Hospital, Rambam Health Care Campus, Haifa, Israel  
<sup>5</sup>Pediatric Nephrology Institute, Ruth Rappaport Children's Hospital, Rambam Health Care Campus,  
Haifa, Israel  
<sup>6</sup>The 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 Gammal**<sup>1</sup>, MD PhD candidate Nadav Kislev<sup>1</sup>, Prof. Dafna Benayahu<sup>1</sup>  
<sup>1</sup>Faculty of Medical & Health Sciences, Tel Aviv University, Israel
- 16:42-16:49 **Sexual Differences in Brain Transcriptomes of Blue Gourami Fish (*Trichogaster trichopterus*)**  
**Gad Degani**<sup>1</sup>, Dr. Ari Meerson<sup>1</sup>  
<sup>1</sup>Faculty 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**<sup>1,2</sup>, Dr. Orit Barenholz-Goultschin<sup>3</sup>, Dr. Merav Serebro<sup>1</sup>, Dr. Ruti Gorev<sup>4</sup>,  
Dr. Yael Sofer<sup>1,2</sup>, Dr. Tamar Eshkoli<sup>5</sup>, Prof Yona Greenman<sup>1,2</sup>





<sup>1</sup>Institute of Endocrinology, Diabetes, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Israel

<sup>2</sup>School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Israel

<sup>3</sup>Department of Obstetrics & Gynecology, Laniado Medical Center, Israel

<sup>4</sup>Maccabi Healthcare Services, Israel

<sup>5</sup>Department 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**<sup>1,2</sup>, Dr. Tzipi Hornik-Lurie<sup>3</sup>, Dr. Shani Afek<sup>4,5</sup>, Ms. Chaya Ben Yehuda<sup>3</sup>, Dr. Neta Lankri<sup>4</sup>, Dr Liana Tripto-Shkolnik<sup>1,5</sup>

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<sup>2</sup>The Dina Recanati School of Medicine, Reichman University, Israel

<sup>3</sup>Data Research Department at the Research Authority, Meir Medical Center, Clalit Health Services, Israel

<sup>4</sup>Sharon Shomron, Clalit Health Services, Israel

<sup>5</sup>School 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**<sup>1,2</sup>, Dr. Dafna Ketter<sup>1</sup>, Dr. Nitzan Rimon Dahari<sup>1</sup>, Prof. Michal Neeman<sup>1</sup>, Prof. Nava Dekel<sup>1</sup>

<sup>1</sup>Department of Immunology and Regenerative Biology, Weizmann Institute of Science, Israel

<sup>2</sup>IVF unit, Kaplan Hospital, Israel

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

**Michal Elbaz**<sup>1,2</sup>, Dr. Maya Ross<sup>3</sup>, Mrs. Esther Karchovski-Shoshan<sup>1</sup>, Mr. Alex Rozov<sup>1</sup>, Prof. Alan Ealy<sup>4</sup>, Dr. Eran Gershon<sup>1</sup>

<sup>1</sup>Department of Ruminant Science, agricultural research organization, Israel

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

<sup>3</sup>Institute of animal science, agricultural research organization, Israel

<sup>4</sup>School 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-Yashar**<sup>1</sup>, Dr. Talia Harris<sup>2</sup>, Dr. Rachele Stefania<sup>3</sup>, Dr. Inna Goliand<sup>4</sup>, Mrs. Gila Meir<sup>1</sup>, Mrs. Ofra x Golani<sup>4</sup>, Dr. Yael Pewzner-Yung<sup>1</sup>, Dr. Yael Kuperman<sup>5</sup>, Dr. Sima Stroganov<sup>1</sup>, Mrs. Gil Belisha<sup>1</sup>, Mrs. Golda Gross<sup>1</sup>, Ms. Stav Hirshenzon<sup>1</sup>, Prof. Fortune Kohen<sup>1</sup>, Prof. Silvio Aime<sup>6</sup>, Prof. Nava Dekel<sup>1</sup>, Prof. Michal Neeman<sup>1</sup>

<sup>1</sup>Immunology and Regenerative Biology, The Weizmann Institute of Science, Israel

<sup>2</sup>Chemical Research Support, The Weizmann institute of science, Israel

<sup>3</sup>University of Eastern Piedmont, Italy

<sup>4</sup>Life sciences Core Facilities, The Weizmann institute of science, Israel

<sup>5</sup>Department of Veterinary Resources, The Weizmann Institute of Science, Israel

<sup>6</sup>University 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 Lellouche**<sup>1</sup>, Prof. Yonatan Kupchik<sup>1</sup>, Prof. Danny Ben-Zvi<sup>2</sup>

<sup>1</sup>Medical neurobiology, Hebrew University of Jerusalem, Israel

<sup>2</sup>Developmental 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 Olshanskiy**<sup>1</sup>, Dr. Genya Aharon-Hananel<sup>2,3</sup>, Dr. Noga Minsky<sup>2</sup>

<sup>1</sup>Internal Medicine, Sheba Medical Center, Ramat Gan, Israel

<sup>2</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel

<sup>3</sup>Diabetes 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<sup>1,2</sup>, Dr. Ran Nissan<sup>3</sup>, Dr. Talia Diker-Cohen<sup>2,4</sup>, Dr. Anat Leibner<sup>2,4</sup>, Dr. Nina Nemirovsky<sup>2,4</sup>, Prof. Amit Akirov<sup>2,4</sup>, **Dr. Idit Dotan**<sup>2,4</sup>

<sup>1</sup>Department of Intensive Care, Rabin Medical Center, Beilinson Hospital, Israel

<sup>2</sup>Sackler Faculty of Medicine, Tel Aviv University, Israel

<sup>3</sup>Pharmacy Service, Rabin Medical Center, Beilinson Hospital, Israel

<sup>4</sup>Institute 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 Izgilov**<sup>1</sup>, Mr. Nachum Kavin<sup>1</sup>, Prof. Dafna Benayahu<sup>1</sup>

<sup>1</sup>Faculty 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**<sup>1,2</sup>, Dr. Tzipi Hornik-Lurie<sup>3</sup>, Prof. Pnina Rotman-Pikielny<sup>1,2</sup>,

Dr. Yakov Gil Ben<sup>4</sup>, Prof. Gilad Twig<sup>5,6,7</sup>, Dr. Tomas Karpati<sup>8</sup>

<sup>1</sup>Endocrinology, Meir Medical Center, Kfar Saba

<sup>2</sup>School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv

<sup>3</sup>Research Department, Meir Medical Center, Kfar Saba, Israel

<sup>4</sup>The Center for Liver Diseases, Sheba Medical Center, Ramat Gan, Israel

<sup>5</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel



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

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

<sup>8</sup>Faculty 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 Halfon<sup>1</sup>**, Prof. Ayal Ben-Zvi<sup>1</sup>, Prof. Danny Ben-Zvi<sup>1</sup>

<sup>1</sup>Hebrew university of Jerusalem

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

**Amit Elad<sup>1</sup>**, Dr. Rachel Schyr<sup>1</sup>, Ms. Deborah Durand<sup>2</sup>, Ms. Michelle Malis<sup>1</sup>, Ms. Dana Orzech<sup>1</sup>, Ms. Haya Ben-Hayun<sup>1</sup>, Dr. Anat Bel-Ange<sup>3</sup>, Dr. Shani Avniel-Polak<sup>3</sup>, Dr. Esther Forkosh<sup>4</sup>, Ms. Orli Halstuk<sup>2</sup>, Mr. Doron Kleiman<sup>1</sup>, Mr. Botros Moalem<sup>1</sup>, Dr. Itia Samuel<sup>1</sup>, Mr. Moshe Pashkus<sup>4</sup>, Dr. Ariel Benson<sup>4</sup>, Dr. Ronit Grinbaum<sup>5</sup>, Dr. Liron Birimberg-Schwartz<sup>2</sup>, Prof. Simona Grozinsky-Glasberg<sup>3</sup>, Dr. Myriam Grunewald<sup>2</sup>, Prof. Danny Ben-Zvi<sup>1</sup>

<sup>1</sup>Hebrew University of Jerusalem

<sup>2</sup>Hadassah Organoid Center, Hadassah-Hebrew University Medical Center, Israel

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

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

<sup>5</sup>Department of Surgery, Hadassah-Hebrew University Medical Center Mount Scopus, Israel

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

**Danielle Akler<sup>1</sup>**, Dr. Avishai M. Tsur<sup>1,2,3,4</sup>, Dr. Cole D. Bendor<sup>1,2,5,6</sup>, MSc Estela Derazne<sup>4</sup>, Prof. Asaf Vivante<sup>4,7</sup>, Prof. Ehud Grossman<sup>3,4</sup>, Prof. Gabriel Chodick<sup>4,6</sup>, Dr. Boris Fishman<sup>4,8</sup>, Prof. Orit Pinhas-Hamiel<sup>4,9</sup>, Prof. Arnon Afeck<sup>5,10,11</sup>, Prof. Josef Coresh<sup>12</sup>, Prof. Gilad Twig<sup>1,2,5,6,13</sup>

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<sup>2</sup>Department of Military Medicine, Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel

<sup>3</sup>Department of Medicine, Sheba Medical Center, Tel Hashomer, Israel

<sup>4</sup>School of medicine, Faculty of Medical and health science, Tel Aviv University, Tel Aviv, Israel

<sup>5</sup>The Gertner Institute for Epidemiology & Health Policy Research, Sheba Medical Center, Ramat Gan, Israel

<sup>6</sup>Department of Preventive Medicine, School of Public Health, Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

<sup>7</sup>Department of Pediatrics B and Pediatric Nephrology Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Tel Hashomer, Israel

<sup>8</sup>Division of Cardiology, Sheba Medical Center, Tel Hashomer, Israel

<sup>9</sup>Pediatric Endocrine and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Tel Hashomer, Israel

<sup>10</sup>Central Management, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel

<sup>11</sup>Dina Recanati School of Medicine, prof. Cecil Taitz Academic Chair in the Field of anatomy, Reichman University, Herzliya, Israel



<sup>12</sup>Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland

<sup>13</sup>Division 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 Littor<sup>1</sup>**, Mr. Omri Dodi<sup>1</sup>, Dr. Rachel Ben-Haroush Schyr<sup>1</sup>, Prof. Danny Ben-Zvi<sup>1</sup>

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 Yairi<sup>1</sup>**, Dr. Yulia Haim<sup>1</sup>, Prof. Esti Yeger-Lotem<sup>1</sup>, Prof. Assaf Rudich<sup>1</sup>

<sup>1</sup>Ben-Gurion University

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

**Ms. Ariel Rothner<sup>1</sup>**, Dr. Liad Hinden<sup>1</sup>, Dr. Aviram Kogot-Levin<sup>2</sup>, Dr. Anna Permyakova<sup>1</sup>, Dr. Alina Nemirovski<sup>1</sup>, Ms. Ifat Abramovich<sup>3</sup>, Ms. Bella Agranovich<sup>3</sup>, Dr. Inbar Plaschkes<sup>4</sup>, Prof. Eyal Gottlieb<sup>5</sup>, Prof. Gil Leibowitz<sup>2</sup>, Prof. Joseph Tam<sup>1,6</sup>

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

<sup>2</sup>Diabetes Unit and Endocrine Service, Hadassah-Hebrew University Medical Center, Israel

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

<sup>4</sup>Info-CORE, Bioinformatics Unit of the I-CORE, Hebrew University of Jerusalem and Hadassah Medical Center, Israel

<sup>5</sup>3Laura and Isaac Perlmutter Metabolomics Center, B. Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel

<sup>6</sup>Obesity and Metabolism Laboratory, The Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel

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 Yaghmour<sup>1</sup>**, Dr. David Fisher<sup>2</sup>, Dr. Vivian Ostrovsky<sup>1</sup>, Mr. Yotam Hertz<sup>3</sup>, Dr. Sorcha Mildiner<sup>1</sup>, Prof. Merav Fraenkel<sup>2</sup>, Prof. Taiba Zornitzki<sup>1</sup>

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

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

<sup>3</sup>Lithuanian University of Health Sciences, Kaunas, Lithuania



- 16:07-16:14 **Graves' Disease relapse Induced by Benralizumab: A Case Report**  
**Dr Gavriel Lichewitz<sup>1</sup>**, Dr. Gavriel Munter<sup>1</sup>, Dr. Nissim Arish<sup>2</sup>, Dr. Noa Sylvetzky<sup>1</sup>, Dr. Meir Frankel<sup>1</sup>,  
 Dr. Gregory Gorelik<sup>1</sup>  
<sup>1</sup>Endocrinology unit, affiliated to Faculty of Medicine, Hebrew University, Shaare Zedek Medical Center, Jerusalem, Israel  
<sup>2</sup>The 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<sup>1,2,3</sup>**, Prof. Doron Netzer<sup>3,4</sup>, Prof. Ilan Shimon<sup>1,2</sup>, Prof Eyal Robenshtok<sup>1,2</sup>  
<sup>1</sup>Endocrine Institute, Rabin Medical Center - Beilinson Hospital, Israel  
<sup>2</sup>Faculty of Medicine, Tel Aviv University, Israel  
<sup>3</sup>Division of Community Medical Services, Clalit Health Services, Israel  
<sup>4</sup>Adelson 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<sup>1,2</sup>**, Ms. Noa Dan<sup>2</sup>, Ms. Ossie Sharon<sup>1</sup>, Dr. Elena Kuyantseva<sup>1</sup>  
<sup>1</sup>Diabetes, Endocrinology, and Metabolism Unit, Galilee Medical Center, Israel  
<sup>2</sup>Azrieli 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<sup>1,2</sup>, **Mrs. Eden Mizrahi<sup>3</sup>**, Genya Aharon-Hananel<sup>4,5</sup>  
<sup>1</sup>Assuta Ramat Hahayal  
<sup>2</sup>Bar-Ilan University  
<sup>3</sup>Ben-Gurion University  
<sup>4</sup>Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem  
<sup>5</sup>Faculty 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 Osher<sup>1</sup>**, Prof. Ido Wolf<sup>2</sup>, Prof. Ravit Geva<sup>2</sup>, Dr. Yael Sofer<sup>3</sup>, Prof. Yona Greenman<sup>3</sup>,  
 Dr. Yuval Horwich<sup>4</sup>, Dr. Roy Dayan<sup>5</sup>, Dr. Inna Ospovat<sup>2</sup>  
<sup>1</sup>Institute of Endocrinology, Metabolism and Hypertension, Tel-Aviv Sourasky Medical Center and Faculty of Medicine, Tel-Aviv University, Israel  
<sup>2</sup>Department of Oncology, Tel-Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel-Aviv University, Israel  
<sup>3</sup>Institute of Endocrinology, Metabolism and Hypertension, Tel-Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel-Aviv University, Israel  
<sup>4</sup>Department of Nephrology, Tel-Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel-Aviv University, Israel  
<sup>5</sup>Department 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 Zaina<sup>1</sup>**, Dr. Sameer Kassem<sup>1</sup>  
<sup>1</sup>Department 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 Almagor<sup>1</sup>**, Prof. Shlomo Almashanu<sup>2</sup>, Dr. Ghadir Elias-Assad<sup>3</sup>, Dr. Osnat Admoni<sup>4</sup>, Dr. Hanna Ludar<sup>5</sup>, Dr. Shoshana Rath<sup>6</sup>, Dr. Alina German<sup>7</sup>, Mrs. Naama Shwartz<sup>8</sup>, Prof. Yardena Tenenbaum<sup>9,10</sup>  
<sup>1</sup>Pediatric Department B, Ha'Emek Medical Center, Afula, Israel  
<sup>2</sup>The National Newborn Screening Program, Ministry of Health, Tel Hashomer, Ramat Gan, Israel  
<sup>3</sup>Pediatric Endocrine Center, Clalit Health Services, Northern Region, Israel  
<sup>4</sup>Pediatric Endocrine Center, Clalit Health Services, Northern Region, Israel  
<sup>5</sup>Pediatric Health Center, Clalit Health Services, Haifa, Israel  
<sup>6</sup>Pediatric Endocrinology Service, Poria Medical Center, Israel  
<sup>7</sup>Pediatric Endocrine Unit, Ha'Emek Medical Center, Afula, Israel  
<sup>8</sup>Epidemiology Department, Carmel Medical Center, Haifa, Israel  
<sup>9</sup>Pediatric Endocrinology, Clalit Health Services, Afula, Israel  
<sup>10</sup>Faculty 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 Friedman<sup>1</sup>**, Bar Klain<sup>2</sup>, Guy Ben Simon<sup>2</sup>, Ayelet Priel<sup>2</sup>, Daphna Landau<sup>2</sup>, Tali Cukierman-Yaffe<sup>1</sup>, Ronen Shavit<sup>3</sup>, Nancy Agmon-Levin<sup>3</sup>, Ofira Zloto<sup>2</sup>  
<sup>1</sup>Division of Endocrinology, Diabetes and Metabolism  
<sup>2</sup>The Goldschleger Eye Institute  
<sup>3</sup>Clinical 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<sup>1,2</sup>**, Prof. Amit Tirosh<sup>3,4</sup>, Reut Halperin<sup>3,4</sup>  
<sup>1</sup>Arrow project, Sheba Medical Center, Israel  
<sup>2</sup>Medicine, Technion - Israel Institute of Technology, Israel  
<sup>3</sup>Endocrinology, diabetes and metabolism, Sheba Medical Center, Israel  
<sup>4</sup>Medicine, 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 Karov<sup>1</sup>**, Dr. Esther Osher<sup>1</sup>, Prof. Yona Greenman<sup>1</sup>  
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<sup>1,2</sup>**, Mr. Nitzan Sagie<sup>3</sup>, Prof. Merav Fraenkel<sup>1,2</sup>, Dr. Uri Yoel<sup>1,2</sup>  
<sup>1</sup>Endocrinology department, Soroka University Medical Center, Israel  
<sup>2</sup>Clinical research center, Soroka University Medical Center, Israel  
<sup>3</sup>Faculty 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 Milo-Raz** | Division of Endocrinology, Sheba Medical Center

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

**Botros Moalem**<sup>1</sup>, Amit Elad, Dana Sender<sup>1</sup>, Aya Bardugo<sup>1,2</sup>, Ki-Suk Kim<sup>3,4</sup>, Yhara Arad<sup>1,2</sup>, Haya Benhayon<sup>1</sup>, Ayelet Gal Etzyoni<sup>1</sup>, Nechemi Greenstein<sup>4</sup>, Aviv Halfon<sup>1</sup>, Sarah Knapp<sup>1</sup>, Michelle Malis<sup>1,5</sup>, Bailey Peck<sup>4</sup>, Itia Samuel<sup>1</sup>, Amram Kupeitzky<sup>5</sup>, Saleh Daher<sup>6</sup>, Esther Forkosh<sup>6</sup>, David Hakimian<sup>6</sup>, Tiberiu Hershcovici<sup>6</sup>, Nadav Ilani<sup>6</sup>, Lior Katz<sup>6</sup>, Moshe Rottenstreich<sup>6</sup>, Elez Vainer<sup>6</sup>, Yuval Yishai<sup>6</sup>, Eitan Zlotnick<sup>6</sup>, Abed Nasereddin<sup>7</sup>, Idit Shiff<sup>7</sup>, Ariel Benson<sup>6</sup>, Ronit Grinbaum<sup>5</sup>, Siddhartha Mishra<sup>8</sup>, Shlomi Kotler<sup>9</sup>, Linda C. Samuelson<sup>10,11</sup>, Darleen Sandoval<sup>12</sup>, Rachel Ben-Haroush Schyr<sup>1</sup>, Danny Ben-Zvi<sup>1,13</sup>

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<sup>2</sup>Department of Military Medicine and Tzameret, The Faculty of Medicine, The Hebrew University of Jerusalem, Jerusalem, Israel, and Medical Corps, Israel Defense Forces, Israel

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<sup>5</sup>Department of Surgery, Hadassah-Hebrew University Medical Center, Mount Scopus, The Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel

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<sup>7</sup>Genomics Applications Laboratory, Core Research Facility, Faculty of Medicine, The Hebrew University of Jerusalem, 9112102 Jerusalem, Israel

<sup>8</sup>Seminar for Applied Mathematics, ETH, Zurich, Switzerland

<sup>9</sup>The Racah Institute of Physics, Faculty of Sciences, The Hebrew University of Jerusalem, Jerusalem, Israel

<sup>10</sup>Department of Molecular and Integrative Physiology, University of Michigan, Ann Arbor, Michigan, United States

<sup>11</sup>Department of Internal Medicine, University of Michigan, Ann Arbor, Michigan, United States

<sup>12</sup>Department of Pediatrics, University of Colorado, Anschutz Medical Campus, Aurora, CO, USA

<sup>13</sup>The 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 Kleiman<sup>1</sup>, Dr. Yhara Arad<sup>1,2</sup>, Dr. Shira Azulai<sup>1</sup>, Mr. Aaron Baker<sup>1</sup>, Mr. Michael Bergel<sup>1</sup>, Mr. Amit Elad<sup>1</sup>, Dr. Arnon Haran<sup>1</sup>, Dr. Liron Hefetz<sup>1,2</sup>, Ms. Mika Litor<sup>1,2</sup>, Ph.D Hadar Israeli<sup>1</sup>, Ph.D Anna Permyakova<sup>3</sup>, Dr. Itia Samuel<sup>1</sup>, Prof. Joseph Tam<sup>3</sup>, **Ph.D Rachel Ben-Haroush Schyr**<sup>1</sup>, Prof. Danny Ben-Zvi<sup>1,4</sup>



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

<sup>4</sup>The 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-David<sup>1</sup>**, Ms. Tali Gorbonos<sup>1</sup>, Ms. Maria C. Romero Florian<sup>2</sup>, Mr. Dan Rotaro<sup>1</sup>, Mrs. Dana Goldberg<sup>1</sup>, Mrs. Talia Radushkevitz-Frishman<sup>1</sup>, Dr. Meital Charni-Natan<sup>1</sup>, Dr. Meirav Bar-Shimon<sup>1</sup>, Prof. Carolyn L. Cummins<sup>2</sup>, Dr. Ido Goldstein<sup>1</sup>

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

<sup>2</sup>Department 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 Kocvarova<sup>1</sup>**

School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, 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 Muallem<sup>1</sup>**, Mr. Alon Zemer<sup>1</sup>, Dr. Yulia Haim<sup>1</sup>, Mrs. Marina Rosengarten-Levin<sup>1</sup>, Dr. Alexandra Tsitrina<sup>1</sup>, Mr. Yuval Noah<sup>1</sup>, Dr. Uri Yoel<sup>2,3</sup>, Prof. Assaf Rudich<sup>1</sup>

<sup>1</sup>Ben-Gurion University, Department of Clinical Biochemistry and Pharmacology

<sup>2</sup>Endocrinology unit, Soroka University Medical Center, Beer Sheva, Israel

<sup>3</sup>Faculty 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 Gepner<sup>1</sup>**, 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<sup>1,2,3</sup>**, Dr. Ruslan Sergienko<sup>3</sup>, Prof. Doron Netzer<sup>3,4</sup>, MPH Talish Razi<sup>5</sup>, Dr. Jordan Lewinski<sup>3</sup>, Dr. Ronen Arbel<sup>3</sup>, Dr. Eyal Jacobson<sup>6</sup>

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<sup>2</sup>School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Israel

<sup>3</sup>Division of Community Medical Services, Clalit Health Services, Israel

<sup>4</sup>Adelson School of Medicine, Ariel University, Israel





<sup>5</sup>Health outcomes Research, Clalit Health Services, Israel

<sup>6</sup>Medical 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**<sup>1,2</sup>, MSc. Sagi Angel<sup>3</sup>, Ms. Miriam Gelman<sup>4,4</sup>, Mr. Nitzan Burrack<sup>5</sup>, Dr. Pinchas Klein<sup>6,7</sup>, Dr. Galit Avior<sup>7,8</sup>, Dr. Idit Tessler<sup>7,8</sup>, Prof. Oded Cohen<sup>2,9</sup>, Prof. Joshua Ben-Zion<sup>2,10</sup>, Dr. Liron Bidni<sup>10</sup>, Prof. Avi Hefetz<sup>2,11</sup>, Dr. Nir Batat<sup>11</sup>, Prof. Haggi Mazeh<sup>12,13</sup>, Dr. Emily Bosin<sup>14</sup>, Ms. Miri Elezra<sup>14</sup>, Prof. Merav Fraenkel<sup>12</sup>, Prof. Robert Marks<sup>3</sup>

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<sup>3</sup>Biotechnology Engineering, Faculty of Engineering sciences, Ben Gurion University of the Negev, Beer Sheva, Israel

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

<sup>5</sup>Clinical Research Center, Soroka University Medical Center, Beer Sheva, Israel

<sup>6</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel

<sup>7</sup>Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

<sup>8</sup>Department of Otolaryngology - Head and Neck Surgery, Sheba Medical Center, Ramat Gan

<sup>9</sup>Department of Otolaryngology-Head and Neck Surgery, Samson Assuta Ashdod University Hospital, Ashdod, Israel

<sup>10</sup>Department of Otolaryngology Head and Neck Surgery, Barzilai Medical Center, Ashkelon, Israel

<sup>11</sup>A.R.M Medical Center, Assuta Ramat Hahayal, Tel Aviv, Israel

<sup>12</sup>Department of Surgery, Hadassah Medical Organization, Jerusalem, Israel

<sup>13</sup>Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel

<sup>14</sup>Endocrine 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**<sup>1,2</sup>, Dr. Ishai Dror<sup>2</sup>, Dr. Liron Rozenberg<sup>1</sup>, Dr. Efraim Zohav<sup>3,4</sup>, Prof. Eyal Anteby<sup>3,4</sup>, Ms. Hang Zhang<sup>2</sup>, Prof. Brian Berkowitz<sup>2</sup>, Dr. Gad Liberty<sup>3,4</sup>

<sup>1</sup>Obstetrics and Gynecology Division, Barzilai University Medical Center, Ashkelon, Israel

<sup>2</sup>Department of Earth and Planetary Sciences, Weizmann Institute of Science, Rehovot, Israel

<sup>3</sup>Obstetrics and Gynecology Ultrasound Unit, Barzilai University Medical Center, Ashkelon, Israel

<sup>4</sup>Faculty 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**<sup>1,2</sup>, Dr. Shlomo Almashanu<sup>3</sup>, Prof. Liat de Vries<sup>4,5</sup>, Dr. Merav Gil Margolis<sup>4,5</sup>, Dr. Rana Halloun<sup>6</sup>, Dr. Alon Haim<sup>7,8</sup>, Dr. Ori Eyal<sup>9,10</sup>, Dr. Floris Levy-Khademi<sup>11,12</sup>, Dr. Dikla Pivko-Levy<sup>12,13</sup>, Dr. Judith Nir<sup>14</sup>, Prof. Orit Pinhas-Hamiel<sup>5,15</sup>, Prof. Yardena Tenenbaum-Rakover<sup>16</sup>

<sup>1</sup>Pediatric Endocrinology, Haemek Medical Center, Israel



- <sup>2</sup>Faculty of medicine, Technion-Israel Institute of Technology, Israel
- <sup>3</sup>The National Newborn Screening Program, Ministry of Health, Ramat Gan, Israel
- <sup>4</sup>The 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
- <sup>5</sup>Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel
- <sup>6</sup>Pediatric Endocrinology Unit, Ruth Rappaport Children's Hospital, Rambam Health Care Campus, Haifa, Israel
- <sup>7</sup>Pediatric Endocrinology and Diabetes Unit, Soroka Medical Center, Beer-Sheva, Israel
- <sup>8</sup>Faculty of Health Science, Ben-Gurion University of the Negev, Beer-Sheva, Israel
- <sup>9</sup>Pediatric Endocrinology Unit, Dana-Dwek Children's Hospital, Tel-Aviv Medical Center, Tel Aviv, Israel
- <sup>10</sup>Tel-Aviv University, Tel-Aviv University7, Tel-Aviv, Israel
- <sup>11</sup>Pediatric Endocrinology and Diabetes Unit, Share Zedek Medical Center, Jerusalem, Israel
- <sup>12</sup>Faculty of Medicine, Hebrew University, Jerusalem, Israel
- <sup>13</sup>Pediatric Endocrinology and Diabetes Unit, Wolfson Medical Center, Holon, Israel
- <sup>14</sup>Pediatric Endocrinology and Diabetes Unit, Shamir (Asaf Harofe) Medical Center, Zerifin, Israel
- <sup>15</sup>Pediatric Endocrinology and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Ramat Gan, Israel
- <sup>16</sup>Consulting 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 Hojerat**<sup>1</sup>, Dr. Islam Idais<sup>1</sup>, Dr. Gal Aviel<sup>1</sup>, Dr. Amit Korach<sup>1</sup>, Dr. Anat Bel-Ange<sup>2</sup>, Prof. Simona Grozinsky-Glasberg<sup>2</sup>, Prof. Simona Ben-Haim<sup>3</sup>, Prof. Uzi Izhar<sup>1</sup>, Prof. Ori Wald<sup>1</sup>
- <sup>1</sup>Department of Cardiothoracic Surgery, Hadassah Hebrew University Medical Center and Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel
- <sup>2</sup>The Neuroendocrine Tumor Unit, European Neuroendocrine Tumor Society Center of Excellence, Division of Internal Medicine, Hadassah Medical Center, Jerusalem, Israel
- <sup>3</sup>Department 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 Chicheportiche**<sup>1</sup>, Prof. Simona Grozinsky-Glasberg<sup>2</sup>, Dr. Anat Bel-Ange<sup>2</sup>, Dr. Jeremy Godefroy<sup>1</sup>, Prof. Yodphat Krausz<sup>1</sup>, Prof. David J. Gross<sup>2</sup>, Dr. Ofra Maimon<sup>3</sup>, Prof. Simona Ben-Haim<sup>1</sup>
- <sup>1</sup>Department of Nuclear Medicine & Biophysics, Hadassah Medical Center, Jerusalem, Israel
- <sup>2</sup>Neuroendocrine Tumor Unit, ENETS Center of Excellence, Division of Medicine, Hadassah Medical Center, Jerusalem, Israel
- <sup>3</sup>Oncology Department, Hadassah Medical Center, Jerusalem, Israel

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

- Aff Nakhleh**<sup>1,2,3</sup>, Prof. Eyal Robenshtok<sup>4,5</sup>, Dr. Limor Adler<sup>5,6</sup>, Dr. Shirley Shapiro Ben David<sup>5,6</sup>, Dr. Daniella Rahamim-Cohen<sup>6</sup>, Dr. Ori Liran<sup>5,6</sup>, Dr. Sagit Zolotov<sup>1,2</sup>
- <sup>1</sup>Diabetes and Endocrinology Clinic, Maccabi Healthcare Services, Haifa, Israel
- <sup>2</sup>Institute of Endocrinology, Diabetes and Metabolism, Rambam Health Care Campus, Haifa, Israel
- <sup>3</sup>Azrieli Faculty of Medicine, Bar-Ilan University, Safed, Israel
- <sup>4</sup>Endocrinology and Metabolism Institute, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel



<sup>5</sup>Faculty of Medicine, Tel-Aviv University, Tel Aviv, Israel

<sup>6</sup>Health 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 Karavani<sup>1,2,3</sup>, Dr. Cherut Meirman<sup>4</sup>, Mr. Shalom Edri<sup>5</sup>, Prof. David Gillis<sup>6</sup>,

**Prof. David Strich<sup>3,7,8</sup>**

<sup>1</sup>Department of Obstetrics and Gynecology, Hadassah Ein-Kerem Medical Center, Jerusalem

<sup>2</sup>Infertility and IVF Unit, Hadassah Ein-Kerem Medical Center, Jerusalem

<sup>3</sup>Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem

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

<sup>5</sup>Information Center, Clalit HealthService, Israel

<sup>6</sup>Department of Pediatrics, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

<sup>7</sup>Pediatric Specialists Clinic, Clalit Health Services,, Jerusalem

<sup>8</sup>Pediatric 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<sup>1,2</sup>**, Dr. Michal Yackobovitch-Gavan<sup>1,2</sup>, Dr. Tal Oron<sup>1,2</sup>, Prof. Moshe Phillip<sup>1,2</sup>, Prof. Joseph Meyerovitch<sup>1,2</sup>, Dr. Ariel Tenenbaum<sup>1,2</sup>, Prof. Liora Lazar<sup>1,2</sup>

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

<sup>2</sup>Faculty 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<sup>1,2</sup>, Dr. Iris Yaish<sup>1,2</sup>, Prof. Yona Greenman<sup>1,2</sup>, **Karen Tordjman<sup>1,2</sup>**

<sup>1</sup>Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Tel Aviv

<sup>2</sup>Tel 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 Toren<sup>1</sup>**, Dr. Osnat Admoni<sup>2</sup>, Prof. Dov Tiosano<sup>1,3</sup>, Prof. Hanna Mandel<sup>1,4</sup>, Dr. Galit Tal<sup>1,5</sup>, Prof. Shoji Yano<sup>6</sup>, Dr. Marc Weigensberg<sup>6</sup>, Dr. Irit Hochberg<sup>1,7</sup>

<sup>1</sup>Bruce Rappaport faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel

<sup>2</sup>Pediatric Endocrine Center, Clalit health Service, North District, Israel

<sup>3</sup>Pediatric Endocrinology Unit, Rambam Medical Center, Haifa, Israel

<sup>4</sup>Clinical Genetics Institute, Galilee Medical Center, Nahariya, Israel

<sup>5</sup>Pediatric Metabolic Disorders and Pediatrics Ward B, Rambam Medical Center, Haifa, Israel

<sup>6</sup>Pediatric Genetics, Los Angeles General Medical Center, Los Angeles, US

<sup>7</sup>Institute 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 Haggiag<sup>1</sup>**, Dr. Esther Maor-Sagie<sup>1</sup>, Prof. Rinat Gabbay-Benziv<sup>1</sup>, Amir Naeh<sup>1</sup>  
 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 Schiller<sup>1</sup>**, Ms. Linoy Gabay<sup>2</sup>, Dr. Oren Barak<sup>3</sup>, Dr. Alena Kirzhner<sup>1,4</sup>, Prof. Edi Vaisbuch<sup>3</sup>, Prof. Gabriel Chodick<sup>5</sup>, Msc. Yael Barer<sup>2,5</sup>  
<sup>1</sup>Institute of Endocrinology, Diabetes and Metabolic Disease, Faculty of Medicine, Kaplan Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel  
<sup>2</sup>Kahn-Sagol-Maccabi Research and Innovation Institute, Maccabi Healthcare Services, Tel Aviv, Israel  
<sup>3</sup>Department of Obstetrics and Gynecology, Faculty of Medicine, Kaplan Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel  
<sup>4</sup>Department of Internal Medicine A, Faculty of Medicine, Kaplan Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel  
<sup>5</sup>School 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 Gershon<sup>1</sup>**, Dr. Orna Issler<sup>2</sup>, Dr. Mariana Schroeder<sup>3</sup>, Dr. Yael Kuperman<sup>4</sup>, Dr. Nava Nevo<sup>5</sup>, Dr. Shlomi Lazar<sup>6</sup>, Prof. Nava Dekel<sup>5</sup>, Prof. Alon Chen<sup>7</sup>  
<sup>1</sup>Department of Ruminant Science, Agricultural Research organization, Israel  
<sup>2</sup>NYU Grossman School of Medicine, NYU, USA  
<sup>3</sup>Institute of Biochemistry and Molecular Medicine, Bern University, Germany  
<sup>4</sup>Department of Veterinary Resources, the Weizmann Institute of Science, Israel  
<sup>5</sup>Department of Immunology and Regenerative Biology, the Weizmann Institute of Science, Israel  
<sup>6</sup>Department of Pharmacology, the Israeli Institute for Biological Research, Israel  
<sup>7</sup>Department of Neurobiology, the Weizmann Institute of Science, Israel
- 09:42-09:56 **Birthday Hormone: Thyrotropin Releasing Hormone Regulates Hatching in Fish**  
 Dr. Deodatta Gajbhiye<sup>1</sup>, Dr. Genevieve Fernandes<sup>1</sup>, Mr. Itay Oz<sup>1</sup>, Ms. Yuni Nahmias<sup>1</sup>, **Matan Golan<sup>1</sup>**  
 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  $\beta$ -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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