



**הכנס המדעי ה-54**

**האגודה הישראלית  
לאנדוקרינולוגיה**

**15-16.7.2026**

מלון דיוויד אינטרקונטיננטל | תל אביב

**SCIENTIFIC PROGRAM**

**Wednesday, July 15, 2026**

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

08:30–10:00 **Parallel Sessions – Oral Presentations from Selected Abstracts**

08:30–10:00 **Parallel Sessions – Abstracts** Hall A

**Obesity**

Chairs: **Prof. Avivit Brener, Dr. Michal Kasher Meron**

08:30–08:42 **Differentiating Mouse and Human Adipose Tissue Derived Fatty Acid Binding Protein 4 (FABP4) in the Regulation of Cancer Growth**

**Nicole Geller**<sup>1,2</sup>, Rinat Livne<sup>1</sup>, Reem Igbaria<sup>1,2</sup>, Amir Tirosh<sup>1,2</sup>

<sup>1</sup>The Dalia and David Arabov Endocrinology and Diabetes Research Center, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, <sup>2</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University

08:42–08:54 **Human Gastric Organoids as a Platform to Study Ghrelin Cell Differentiation and Function**

**Amit Elad**<sup>1</sup>, Deborah Duran<sup>2</sup>, Michelle Malis<sup>1</sup>, Haya Benhayon<sup>1</sup>, Dana Orzech<sup>1</sup>, Esther Forkosh<sup>3</sup>, Orli Halstuk<sup>2</sup>, Doron Kleiman<sup>1</sup>, Ariel Benson<sup>3</sup>, Ronit Grinbaum<sup>4</sup>, Idit Shiff<sup>5</sup>, Abed Nasereddin<sup>5</sup>, Liron Birimberg–Schwartz<sup>2</sup>, Rachel Ben–Haroush Schyr<sup>1</sup>, Myriam Grunewald<sup>2</sup>, Danny Ben–Zvi<sup>1</sup>

<sup>1</sup>Department of Developmental Biology and Cancer Research, The Hebrew University of Jerusalem, <sup>2</sup>Organoid Center, Hadassah University Medical Center, <sup>3</sup>Institute of Gastroenterology and Liver Disease, Hadassah University Medical Center, <sup>4</sup>Department of Surgery, Hadassah–Hebrew University Medical Center, <sup>5</sup>Genomics Applications Laboratory, Core Research Facility, The Hebrew University of Jerusalem

08:54–09:06 **Adolescent to Adulthood Weight Trajectories and the Risk of Cancers**

**Gilad Twig**<sup>5</sup>, Cole Bendor<sup>1</sup>, Aya Bardugo<sup>1</sup>, Avishai Tsur<sup>1</sup>, Estela Derazne<sup>2</sup>, Itay Shemesh<sup>3</sup>, Lotmit Bourvine, Dror Dicker<sup>4</sup>, Ben Boursi<sup>5</sup>, Amir Tirosh<sup>5</sup>, Arnon Afek<sup>5</sup>, Ran Rotem<sup>6</sup>, Gabriel Chodick<sup>2</sup>

<sup>1</sup>Israel Defense Forces, <sup>2</sup>Tel–Aviv University, <sup>3</sup>Novo Nordisk, <sup>4</sup>Rabin Medical Center, <sup>5</sup>Sheba Medical Center, <sup>6</sup>T.C. Chan School of Public Health, Harvard University, MA, USA

09:06–09:18 **Fib-4 Index Predicts Chronic Kidney Disease**

**Viviana Ostrovsky**<sup>1</sup>, Hilla Knobler<sup>2</sup>, Arad Dotan<sup>3</sup>, Saghi Tshori<sup>4</sup>,  
Shay Ben-Haim<sup>5</sup>, Taiba Zornitzki<sup>1</sup>

<sup>1</sup>Hebrew University of Jerusalem, the Faculty of Medicine, Israel, Diabetes, Endocrinology and Metabolic Disease Institute, Kaplan Medical Center, Rehovot, Israel, <sup>2</sup>Hebrew University of Jerusalem, the Faculty of Medicine, Israel, Diabetes Institute, Meuhedet HMO, Israel, <sup>3</sup>The Faculty of Medicine, Tel Aviv University, Israel, Sheba Medical Center, Ramat Gan, Israel, <sup>4</sup>Hebrew University of Jerusalem, the Faculty of Medicine, Israel, Heart Institute, Kaplan Medical Center, Rehovot, Israel, <sup>5</sup>Hebrew University of Jerusalem, the Faculty of Medicine, Israel, Braun School of Public Health and Community Medicine. The Hebrew University and Hadassah Medical Center

09:18–09:30 **The Effects of 10 Weeks of Time-Restricted Eating, Resistance Training, and Their Combination on Body Fat Depots and Low-Grade Inflammation in Patients with Metabolic Syndrome**

**Roi Yavetz**<sup>1,2</sup>, Ron Sternfeld<sup>1,2</sup>, Yair Lahav<sup>1,2</sup>, Michal Rein<sup>3</sup>, Shira Zelber Sagi<sup>3</sup>,  
Hasan Ishtayeh Ishtayeh<sup>4</sup>, Avraham Ashkenazi<sup>4</sup>, Nir Polak<sup>5</sup>, Shai Efrati<sup>5</sup>,  
Yftach Gepner<sup>6,7</sup>

<sup>1</sup>Department of Epidemiology and Preventive Medicine, School of Public Health, Faculty of Medicine, Tel Aviv University, Gepner Lab, <sup>2</sup>Tel Aviv University, Sylvan Adams Sport Institute, <sup>3</sup>University of Haifa, School of Public Health <sup>4</sup>Tel Aviv University, Sagol School of Neuroscience, <sup>5</sup>Shamir Medical Center (Assaf Harofeh), Sagol Center for Hyperbaric Medicine and Research <sup>6</sup>Department of Epidemiology and Prevention Medicine, School of Public Health, Gray Faculty of Medical and Health Sciences, Tel Aviv University, Gepner Lab, <sup>7</sup>Tel Aviv University, Sylvan Adams Sport Science Institute

09:30–09:42 **Adolescent Body Mass Index and Multimorbidity Before Age 50**

**Avishai M. Tsur**<sup>1,2</sup>, Estela Derazne<sup>1,3</sup>, Arnon Afek<sup>4</sup>, Gabriel Chodick<sup>3</sup>,  
Gilad Twig<sup>5,6</sup>

<sup>1</sup>Medical Corps, Israel Defense Forces, <sup>2</sup>Faculty of Medicine, Department of Military Medicine, Hebrew University of Jerusalem, <sup>3</sup>Faculty of Medical and Health Sciences, School of Public Health, Tel Aviv University, <sup>4</sup>Dina Recanati School of Medicine, Reichman University, <sup>5</sup>The Institute of Endocrinology Diabetes and Metabolism, Sheba Medical Center, <sup>6</sup>Department of Preventive Medicine and Epidemiology, School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University

- 09:42–09:54 **A Clinical Scoring System to Guide Genetic Evaluation in Pediatric Obesity**  
**Hanna Ludar**<sup>1</sup>, Shira London<sup>1,2</sup>, Inbal Halabi<sup>1,3</sup>, Keren Cohen<sup>1</sup>,  
Majdoub Hussein<sup>1</sup>, Ghadir Elias–Assad<sup>4,5</sup>, Ilana Koren<sup>1</sup>  
<sup>1</sup>Pediatric Endocrine and Diabetes clinic, Clalit Health Services, Haifa and west Galili District, Israel, <sup>2</sup>Pediatric Endocrine and Diabetes Unit, Rambam medical center, <sup>3</sup>Pediatrics unit, Carmel medical center, <sup>4</sup>Pediatric Endocrine Clinic, Clalit Health Services, Northern region, Israel, <sup>5</sup>Pediatric Endocrine Institute, Saint Vincent Hospital, Nazareth, Israel

08:30–10:00 **Parallel Sessions – Abstracts** Hall B  
**Adrenal and Fertility**  
Chairs: **Dr. Gabriel Munter**, **Dr. Amir Bashkin**

- 08:30–08:42 **The GAPP Aggressivity Score Correlates with Somatic Non–Missense Mutation Burden in Pheochromocytoma**  
**Reut Halperin**<sup>1,2</sup>, Gil Goldinger<sup>3</sup>, Eddie Fridman<sup>3</sup>, Naama Peshes Yaloz<sup>1</sup>, Amit Tirsoh<sup>1,2</sup>, Gadi Shlomai<sup>2,4</sup>  
<sup>1</sup>ENTIRE – Endocrine Neoplasia Translational Research Center, Division of Endocrinology, Diabetes and Metabolism, Sheba MC, <sup>2</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, <sup>3</sup>Pathology, Sheba MC, <sup>4</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba MC
- 08:42–08:54 **Association between Somatic Mutations in Cortisol–Secreting Adrenal Adenomas and Clinical–Demographic Features: A Single–Center Study of 112 Cases**  
**Hadas Rabani**<sup>1</sup>, Nina Nazarov<sup>2</sup>, Hila Shefer<sup>2</sup>, Mohammad Sheikh–Ahmad<sup>1,3</sup>, Anan Shalata<sup>1</sup>, Katya Jovanovic<sup>1</sup>, Jacob Bejar<sup>2</sup>, Leonard Saiegh<sup>1,3</sup>  
<sup>1</sup>Endocrinology department, Bnai Zion Medical Center, <sup>2</sup>Pathology department, Bnai Zion Medical Center, <sup>3</sup>The Ruth and Bruce Rappaport Faculty of Medicine, Technion
- 08:54–09:06 **New–Onset Autoimmune Endocrine Disorders in People Living with Post–Traumatic Stress Disorder**  
**Yovel Cohen**<sup>1,2</sup>, Meir Schechter<sup>1,2</sup>, Dvora Rywka Sehtman–Shachar<sup>1,2</sup>, Ofri Mosenzon<sup>1,2,3</sup>, Genya Aharon–Hananel<sup>1,2</sup>, Gil Leibowitz<sup>1,2</sup>  
<sup>1</sup>Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center of the Hebrew University, Jerusalem, Israel, <sup>2</sup>Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel, <sup>3</sup>Regeneron Pharmaceuticals Inc., New York, New York, USA

09:06–09:18 **Real-World Multicenter Outcomes following Transition to Modified-Release Hydrocortisone in Congenital Adrenal Hyperplasia and Adrenal Insufficiency**

**Anat Segev-Becker**<sup>1</sup>, Talia Jacobi-Polishook<sup>2</sup>, Liat Perl<sup>1</sup>, Larisa Nauogolny<sup>3</sup>, Jessica Sack<sup>4</sup>, Nitzan Dror<sup>5</sup>, Alon Eliakim<sup>5</sup>, Shirli Abiri<sup>6</sup>, Tal Ben Ari<sup>6</sup>, Rivka Dresner-Pollak<sup>7</sup>, Yael Levy-Shraga<sup>8</sup>, Meir Frankel<sup>9</sup>, Neta Loewenthal<sup>10</sup>, Michal Cohen<sup>11</sup>, Merav Fraenkel<sup>12</sup>, Dmitry Shklovski<sup>13</sup>, Nir Lasman<sup>14</sup>, Alina German<sup>15</sup>, Yardena Tenenbaum Rakover<sup>16</sup>, Dania Hirsch<sup>17</sup>, Svetlana Turkot<sup>18</sup>, Mzia Sapir<sup>19</sup>, Liza Paley<sup>18</sup>, Liat Sasson<sup>17</sup>, Marianna Rachmiel<sup>2</sup>, Miriam Steinschneider<sup>20</sup>, David Shaki<sup>21</sup>, Sigal Shaklai<sup>4</sup>, Ilana Zalmon Koren<sup>22</sup>, Naomi Weintrob<sup>23</sup>

<sup>1</sup>The Institute of Pediatric Endocrinology, Diabetes and Metabolism, Dana Dwek Children's Hospital, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel, <sup>2</sup>Pediatric Endocrinology Institute, Shamir (Assaf Harofeh) Medical Center, Beer Yaakov, Israel. <sup>3</sup>Meuchedet Health Services, Rishon LeZion, Israel, <sup>4</sup>Institute of Endocrinology, Metabolism and Hypertension, Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel, <sup>5</sup>Pediatric Endocrinology Unit, Meir Medical Center, Kfar-Saba, Israel, <sup>6</sup>Pediatric Endocrinology and Diabetes Unit, Edith Wolfson Medical Center, Holon, Israel, <sup>7</sup>Department of Endocrinology, Hadassah Medical Center, Jerusalem, Israel, <sup>8</sup>Pediatric Endocrine and Diabetes Unit, Safra Children's Hospital, Sheba Medical Center, Tel Hashomer, Israel, <sup>9</sup>Endocrinology Unit, Shaare Zedek Medical Center, Jerusalem, Israel <sup>10</sup>Pediatric Endocrinology Unit, Ben Gurion University Medical Center, Beer Sheva, Israel, <sup>11</sup>Pediatric Endocrinology Unit, Ruth Rappaport Children's Hospital, Rambam Health Care Campus, Haifa, Israel, <sup>12</sup>Endocrine Unit, Soroka Medical Center, Beer-Sheva, Israel, <sup>13</sup>Endocrinology, Clalit Health Service South District, <sup>14</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel-Hashomer, Israel, <sup>15</sup>Pediatric Endocrinology and Diabetes Unit, HaEmek Medical Center, Afula, Israel <sup>16</sup>Children's Endocrinology Consulting Center, Clalit Health Services, Afula, Israel, <sup>17</sup>Institute of Endocrinology, Rabin Medical Center – Beilinson Hospital, Petach Tikva, Israel, <sup>18</sup>Barzilai medical center, <sup>19</sup>Clalit Migdal Hamea, Tel Aviv, <sup>20</sup>Endocrine and diabetes institute, Shamir (Assaf Harofeh) Medical Center, Beer Yaakov, Israel, <sup>21</sup>Pediatric Endocrinology Unit, Soroka University Medical Center, Beer Sheva, Israel, <sup>22</sup>Pediatric Endocrinology Unit, Lady Davis Carmel Medical Center and Clalit Health Services, Haifa, Israel, <sup>23</sup>Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel

- 09:18–09:30 **Nutraceutical Rescue of Methylprednisolone–Induced Myotube Atrophy: Evidence from C2C12 Morphometry**  
**Gilad Lehmann**<sup>1</sup>, Yona Greenman<sup>1</sup>, Yonit Marcus<sup>1</sup>, Miguel Morales Moshiasvili<sup>1</sup>, Gabi Shefer<sup>1</sup>  
Endocrinology, Tel–Aviv Sourasky Medical Center (Ichilov)
- 09:30–09:42 **A Role for Foxl2 in Maintaining Open Chromatin at a Lineage–Specific Distal Regulatory Element of the Fshb Gene**  
**Daniella Darsa**<sup>1</sup>, Gil Golan<sup>1</sup>, Tal Refael<sup>1</sup>, Lilach Pnueli<sup>1</sup>, Philippa Melamed<sup>1</sup>  
Faculty of Biology, Technion–Israel Institute of Technology
- 09:42–09:54 **Long–Term Health Issues Related to Differences in Sex Development**  
**Liat de Vries**<sup>1,2</sup>, Orit Futterman<sup>1,2</sup>, Amit Eben Chaime<sup>1,2</sup>, Moshe Phillip<sup>1,2</sup>, David Ben Meir<sup>2,3</sup>  
<sup>1</sup>The Jesse Z and Sara Lea Shafer Institute for Endocrinology and Diabetes, Schneider Children's Medical Center of Israel, <sup>2</sup>Faculty of Medical & Health Sciences, Tel Aviv University  
<sup>3</sup>Pediatric Urology Unit, Schneider Children's Medical Center of Israel

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

Hall D

**Bone**

Chairs: **Dr. Rachel Rosenblum**, **Dr. Irit Wirzansky Pearl**

- 08:30–08:42 **An AI–Assisted Tool for Automated Growth Monitoring in Pediatric Achondroplasia**  
**Eyal Cohen–Sela**<sup>1,2</sup>, Yael Lebenthal<sup>1,2</sup>, Avivit Brener<sup>1,2</sup>, Ravit Regev<sup>1,2</sup>, Lars Hagenäs<sup>3</sup>  
<sup>1</sup>The Institute of Pediatric Endocrinology, Diabetes and Metabolism, Dana–Dwek Children's Hospital, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel  
<sup>2</sup>The School of Medicine, Faculty of Medical & Health Sciences, Tel Aviv University, Tel Aviv, Israel <sup>3</sup>Department of Women's and Children's Health, Karolinska Institute, Stockholm, Sweden

08:42–08:54 **Body Mass Index and Incidence Stress Fractures in a Nationwide Cohort of 193,047 Young Women and Men in Combat Training**

Adi Horesh<sup>1,2</sup>, Bar Weinstein<sup>3</sup>, **Romi Halperson**<sup>1,2</sup>, Omer Itzkovitch<sup>1</sup>, Shlomi Abuhasira<sup>1,2</sup>, Ziv Talmi<sup>1,2</sup>, Ron Skorochord<sup>1,2</sup>, Yitzchak Elefant<sup>1,2</sup>, Yigal Chechik<sup>1,4</sup>, Doron Yaya–Stupp<sup>1,2</sup>, Aya Bardugo<sup>1,2</sup>, Itay Ketko<sup>1,2</sup>, Meir Schechter<sup>1,5</sup>

<sup>1</sup>Medical Data Research Institute, Israel Defense Forces Medical Corps, Tel HaShomer, Ramat Gan, Israel, <sup>2</sup>Institute for Research in Military Medicine, Faculty of Medicine, Hebrew University of Jerusalem, Israel, <sup>3</sup>School of Mathematical Sciences, Tel Aviv University, Tel Aviv, Israel, <sup>4</sup>Department of Orthopedics, Shamir Medical Center, Be'er Yacob, Israel, <sup>5</sup>Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem, Israel

08:54–09:06 **GLP-1–Receptor Agonists Directly Reduce Proliferation in ATDC5 Chondrocytes**

**Irit Meivar Levy**<sup>1,2</sup>, Biana Shtaif<sup>1,3</sup>, Galia Gat–Yablonski<sup>1,3</sup>, Moshe Phillip<sup>1,3</sup>, Naama Fisch–Shvalb<sup>1,3</sup>

<sup>1</sup>The Jesse Z and Sara Lea Shafer Institute for Endocrinology and Diabetes, Schneider Children's Medical Center, <sup>2</sup>Felsenstein Medical Research Center, <sup>3</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University

09:06–09:18 **Real–world Safety of Romosozumab in High Cardiovascular Risk Patients**

**Joshua Stokar**<sup>1,2</sup>, Auryan Szalat<sup>1,2</sup>

<sup>1</sup>Departments of Medicine & Endocrinology, Hadassah Medical Center <sup>2</sup>Faculty of Medicine, The Hebrew University of Jerusalem

09:18–09:30 **Sustained Hyperglycemia Induces Senescence in Osteocyte–Like Cells**

**Natan Lishinsky–Fischer**<sup>1</sup>, Irina Gurt<sup>2</sup>, Vladislav Temkin<sup>2</sup>, Joshua Stokar<sup>1,2</sup>, Rivka Dresner–Pollak<sup>1,2</sup>

<sup>1</sup>The Faculty of Medicine Hebrew University of Jerusalem, Israel, <sup>2</sup>Department of Endocrinology and Metabolism, Division of Medicine, Hadassah Medical Organization, Jerusalem, Israel

09:30–09:42 **Family History Predicts Primary Hyperparathyroidism Regardless of Genetic Predisposition**

**Reut Halperin**<sup>1,2</sup>, Liana Tripto–Shkolnik<sup>2,3</sup>, Iris Vered<sup>3</sup>, Pinchas Klein<sup>2,3</sup>, Galit Avior<sup>2,4</sup>, Hadar Miloh–Raz<sup>2,3</sup>, Jacob Ilani<sup>3</sup>, Naama Peltz–Sinvani<sup>2,3</sup>, Tali Cukierman–Yaffe<sup>2,3</sup>, Nir Lasman<sup>2,3</sup>, Sigal Ben–Shmuel<sup>3</sup>, Amna Jabarin<sup>2,3</sup>, Yehudit Eden–Friedman<sup>2,3</sup>, Gil Goldinger<sup>2,5</sup>, Gadi Shlomai<sup>2,3</sup>, Naama Pashes–Yaloz<sup>1,2</sup>, Amit Tirosh<sup>1,2</sup>

<sup>1</sup>ENTIRE – Endocrine Neoplasia Translational Research Center, Division of Endocrinology, Diabetes and Metabolism, Sheba MC, <sup>2</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, <sup>3</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba MC, <sup>4</sup>Department of Otolaryngology–Head and Neck Surgery, Sheba MC, <sup>5</sup>Pathology, Sheba MC

09:42–09:54 **High and Very High–Risk Fracture Risk Among Patients with a Non–Osteoporotic Range Bone Mineral Density in a DXA Database from a Tertiary Medical Center**

**Yehudit Eden–Friedman**<sup>1,2</sup>, Iris Vered<sup>1</sup>, Nimrod Tripto<sup>3</sup>, Noga Minsky<sup>1,2</sup>, Pnina Rotman–Pikielny<sup>2,5</sup>, Yael Levy–Shraga<sup>2,4</sup>, Liana Tripto–Shkolnik<sup>1,2</sup>

<sup>1</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, <sup>2</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel, <sup>3</sup>Recah Institute of physics, The Hebrew University of Jerusalem, Jerusalem, Israel, <sup>4</sup>Pediatric Endocrinology Unit, The Edmond and Lily Safra Children's Hospital, Sheba Medical Center <sup>5</sup>Department of Endocrinology, Meir Medical Center

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

Hall H

**Type 1 Diabetes**

Chairs: **Dr. Aharon Helman**, **Dr. Noga Minsky**

08:30–08:42  **$\delta$ –Cell Inhibition Renews  $\beta$ –Cells and Insulin Independence in Diabetes**

**Ron Piran**<sup>1</sup>, Yara Hamshawi<sup>1</sup>, Nagham Gudban<sup>1</sup>, Florin–Daniel Bîlbîe<sup>2</sup>, Daljeet Kaur<sup>1</sup>, Manar Hijazi<sup>1</sup>, Yael Riahi<sup>3</sup>, Offir Ertracht<sup>4</sup>, Maria Naama<sup>1</sup>, Rita Bottino<sup>5</sup>, Assaf Malka<sup>1</sup>, Shai Bel<sup>1</sup>, Shaul Atar<sup>4</sup>, Gil Leibowitz<sup>3</sup>, Andrei Păun<sup>6,7</sup>

<sup>1</sup>The Azrieli Faculty of Medicine, Bar–Ilan University, <sup>2</sup>National Institute of Research and Development for Biological Sciences, <sup>3</sup>Faculty of Medicine, Hebrew University of Jerusalem, <sup>4</sup>Galilee Medical Center, Eliachar Research Laboratory, <sup>5</sup>Imagine Pharma, <sup>6</sup>ICUB/Faculty of Mathematics and Computer Science, University of Bucharest, <sup>7</sup>Research Institute for Artificial Intelligence, Romanian Academy

- 08:42–08:54 **A Temporal Map of Autoimmune Diabetes Progression Based on RNA Sequencing of Single Islets Reveals Distinct Patterns of Islet Deterioration**  
**Tsofiya Szanton**<sup>1</sup>, Nadav Sharon<sup>1</sup>, Paraskevas Filippidis<sup>2</sup>, Gur Yaari<sup>2</sup>  
<sup>1</sup>Faculty of Biology, Technion, <sup>2</sup>Department of Pathology, Yale School of Medicine
- 08:54–09:06 **Immune Activation and  $\alpha$ -Cell Identity Remodeling Define Transcriptional States in Type 1 Diabetes**  
**Haya Benhayon**<sup>1,2</sup>, Michael M Danziger<sup>3</sup>, Danny Ben-Zvi<sup>1,2</sup>, Michal Rosen-Zvi<sup>2,3</sup>  
<sup>1</sup>Institute of Medical Research Israel–Canada, the Hebrew University–Hadassah Medical School, Developmental Biology and Cancer Research, <sup>2</sup>The Hebrew University, Faculty of Medicine, <sup>3</sup>IBM Research – Israel
- 09:06–09:18 **Impact of Autoimmune Hypothyroidism and Celiac Disease on Progression to Diabetes in GAD- or IA-2 Positive Individuals**  
**Afif Nakhleh**<sup>1,2</sup>, Naim Shehadeh<sup>1,2</sup>  
<sup>1</sup>Maccabi Healthcare Services, Haifa, Israel, <sup>2</sup>The Azrieli Faculty of Medicine, Bar–Ilan University, Safed, Israel
- 09:18–09:30 **The Impact of Meal Bolus Timing and Rescue Strategies with Advanced Hybrid Closed–Loop Systems**  
**Maya Laron Hirsh**<sup>1</sup>, Noga Minsky<sup>1</sup>, Andrea Benedetti<sup>2</sup>, Roy Anirban<sup>2</sup>, Benyamin Grossman<sup>2</sup>, Ohad Cohen<sup>2</sup>, Amir Tirosh<sup>3</sup>  
<sup>1</sup>Endocrinology, Diabetes and Metabolism, Sheba Medical Center, <sup>2</sup>Medtronic, <sup>3</sup>Endocrinology, Sheba Medical Center
- 09:30–09:42 **HLA Genotype, BMI Status, and Young–Adult–Onset Type 1 Diabetes**  
Gilad Twig<sup>2</sup>, **Cole Bendor**<sup>1</sup>, Aya Bardugo<sup>1</sup>, Amir Tirosh<sup>2</sup>, Sapir Israeli<sup>3</sup>, Estela Derazne<sup>4</sup>, Inbar Zucker<sup>5</sup>, Miri Lutski<sup>5</sup>, Ariel Furer<sup>1</sup>, Zivan Aviad–Beer<sup>1</sup>, Orit Pinhas–Hamiel<sup>2</sup>, Gabriel Chodick<sup>4</sup>, Bracha Zisser<sup>6</sup>, Arnon Afek<sup>2</sup>, Hertzal Gerstein<sup>7</sup>, Tali Cukierman–Yaffe<sup>2</sup>, Sigal Manor<sup>6</sup>, Yoram Louzoun<sup>3</sup>  
<sup>1</sup>Israel Defense Forces, <sup>2</sup>Sheba Medical Center, <sup>3</sup>Bar–Ilan University, <sup>4</sup>Tel–Aviv University, <sup>5</sup>Israel Ministry of Health, <sup>6</sup>Ezer Mizion Bone Marrow Donor Registry, <sup>7</sup>McMaster University and Hamilton Health Sciences, Hamilton, Ontario, Canada

09:42–09:54 **Effect of Hyperbaric Oxygen Therapy in Youth with Newly Diagnosed Type 1 Diabetes: A Randomized Controlled Proof-of-Concept Trial**  
 Avigail Wittenberg<sup>1,2</sup>, Dana Arad<sup>1,3</sup>, Sharon Shtrausman<sup>4</sup>,  
 Orit Pinhas–Hamiel<sup>5,6</sup>, Shai Efrati<sup>6,7</sup>, **Marianna Rachmiel**<sup>1,6</sup>  
<sup>1</sup>Pediatric Endocrinology and Diabetes Institute, Shamir (Assaf Haroffeh) Medical Center, <sup>2</sup>Department of Pediatrics, Division of Endocrinology, University of British Columbia, Vancouver, BC, Canada, <sup>3</sup>Koret school of Veterinary Medicine, Hebrew University of Jerusalem, <sup>4</sup>Pediatric Endocrine Unit, Kaplan Medical Center, Rehovot, Israel, <sup>5</sup>Pediatric Endocrine and Diabetes Unit, The Edmond and Lily Safra Children's Hospital, Chaim Sheba Medical Center, Ramat–Gan, Israel, <sup>6</sup>Gray School of Medicine, Tel Aviv University, Tel Aviv, Israel, <sup>7</sup>Sagol Center for Hyperbaric Medicine and Research, Shamir Medical Center

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

10:30–10:50 **Opening Session** Hall B

**Greetings and Association Updates**

**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, Israel

**Dr. Orit Twito** | Head of Endocrinology and Diabetes Unit, Wolfson Medical Center, Holon

**Prof. Danny Ben–Zvi** | Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem

**Prof. Amit Akirov** | Endocrine Institute, Rabin Medical Center, Petah–Tikva; Secretary of the Israel Endocrine Society

10:50–11:35 **Plenary 1** Hall B

Chair: **Amit Akirov**

10:50–11:35 **The Journey of Somatostatin Analogues in Acromegaly Treatment**  
**Prof. Ilan Shimon** | Institute of Endocrinology, Rabin–Beilinson Medical Center, and Gray Faculty of Medicine, Tel–Aviv University

11:45–12:35 **Parallel Session 1– Gestational Diabetes**

Hall A

Chair: **Dr. Yoel Toledano**

11:45–12:10 **Panel: Personalizing Diabetes Care in Pregnancy: Evidence, Controversies and Clinical Decision-Making**

Moderator: **Dr. Yoel Toledano** | Rabin Medical Center, Petah-Tikva

**Dr. Tamar Eshkoli** | Obstetric Endocrinology Coordinator, Department of Obstetrics and Gynecology, Endocrinology Unit, Soroka University Medical Center, Beer-Sheva

**Dr. Orit Barenholz-Goultshin** | Head of MFM unit, Laniado, District diabetes physician Meuhedet, Jerusalem

**Dr. Tal Schiller** | Lead of the Diabetes and Obesity field, Endocrinology Unit, Wolfson Medical Center, Holon

12:10–12:35 **GDM and the Postpartum Care Gap**

**Dr. Tal Schiller** | Lead of the Diabetes and Obesity field, Endocrinology Unit, Wolfson Medical Center, Holon

11:45–12:35 **Parallel Sessions 1 – Fertility Basic**

Hall B

Chair: **Prof. Nitzan Gonen**

11:45–12:10 **Functional Heterogeneity in Circadian Control of the Female Estrous Cycle**

**Dr. Anat Kahan** | Animal Sciences Department, The Faculty of Agriculture, The Hebrew University, Rehovot

12:10–12:35 **The Impact of Stress on Fertility and Beyond**

**Dr. Eran Gershon** | Department of Ruminant Science, Animal Science Institute, ARO, Rishon LeZion

11:45–12:35 **Parallel Sessions 1 – Bone Metabolism**

Hall D

Chairs: **Dr. Vanessa Rouach, Dr. Auryan Szalat**

11:45–12:10 **How Do We Untie the Triangle? A Triangular Dialogue Between Two Dentists and an Endocrinologist**

**Prof. Pnina Rotman-Pikielny** | Institute of Endocrinology, Diabetes and Metabolic Bone Diseases

**Dr. Ronit Cagan** | Oral and Maxillofacial Surgeon

**Dr. Victoria Yaffe Gartsbein** | Oral and Maxillofacial Surgeon

12:10–12:35 **Cellular Senescence in Osteoporosis**

**Prof. Rivka Dresner Pollak** | Hadassah Medical Center, Jerusalem; Hebrew University of Jerusalem

12:45–13:30 **Satellite Lunch's & visit at the Exhibition**

12:45–13:30 **Satellite Lunch – Beyond Limits: Biologic Breakthroughs in Bone and Thyroid Eye Disease Care** Hall H  
Sponsored by: **Medison**

12:45–13:00 **BMD is Back in Business?**  
**Dr. Liana Tripto–Shkolnik** | Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center

13:00–13:15 **Phosphaturic Mesenchymal Tumors: Contemporary Insights from a Tertiary Referral Center**  
**Dr. Liana Tripto–Shkolnik** | Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center

13:15–13:30 **Living with Thyroid Eye Disease: A Patient and Physician Dialogue**  
LIORT, The Israeli Research Association for Eye Health and Blindness Prevention (R.A)

12:45–13:30 **Satellite Lunch – GLP–1 Signaling Beyond the Receptor: Intracellular Mechanism and Clinical Meaning** Hall I  
Sponsored by: **NovoNordisk**

12:45–12:55 **GLP 1: Ligand, Receptor, and Intracellular Signaling**  
**Prof. Amir Tirosh** | Director of the Institute of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel HaShomer

12:55–13:05 **Integrating Mechanistic Understanding with Clinical Data**  
**Prof. Avivit Cahn** | Head of Internal Medicine Department A, Hadassah Ein Kerem; Chair, National Council for Diabetes and Obesity ;Chair, Israeli Society for Diabetic Foot and Wound Healing

13:05–13:15 **Mechanistic Aspects of CV Benefit Independent of Weight Loss: Insights from SELECT**  
**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

13:15–13:30 **Panel discussion: Implementing Science in Clinical Practice**

12:45–13:30 **Satellite Lunch – Emerging Therapies in Sarcopenia: Bridging Muscle Preservation and Functional Recovery** Hall J  
Sponsored by: **Regeneron**

12:45–13:00 **Nutrition for Muscle Preservation**  
**Hagar Shimon** | Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center; Maccabi Health Care Services, Diabetes clinic, Netanya

13:00–13:15 **Exercise and Resistance Training for Prevention & Treatment of Sarcopenia**  
**Dr. Tal Yahalom–Peri** | Epidemiology Department, School of Public Health, Gray Faculty of Medical & Health Sciences, Tel Aviv University; Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center

13:15–13:30 **Pharmacological Agents for Prevention & Treatment of Sarcopenia**  
**Prof. Ofri Mosenzon** | Executive Medical Director, Regeneron Pharmaceuticals, Tarrytown, NY, USA

13:30–14:10 **Posters Exhibition & Lunch** Foyer

14:10–14:55 **Plenary Session** Hall B  
Chair: **Prof. Taiba Zornitzky**

14:10–14:55 **Studying Diabetes via the Human Pancreas Analysis Program (HPAP): What have we Learned?**  
**Prof. Klaus Kaestner** | School of Medicine, University of Pennsylvania, Philadelphia, PA, USA

15:00–15:50 **Parallel Session 2 – Thyroid** Hall A  
Chairs: **Prof. Eyal Robenshtok, Dr. Sagit Zolotov**

15:00–15:25 **Clinical Dilemmas in Thyroid Disease: What's New in the Past Year**  
**Dr. Keren Kaminer** | Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Campus, Petah Tikva

15:25–15:50 **Graves Disease**  
**Prof. George J. Kahaly** | Professor of Medicine and Endocrinology/ Metabolism Johannes Gutenberg University (JGU) Medical Center. Department of Medicine I ORPHAN Disease Center for Graves' Orbitopathy and Autoimmune Polyendocrinopathy Member, JGU Research Center for Immunotherapy, Mainz, Germany

15:00–15:50 **Parallel Sessions 2 – Pituitary** Hall B  
Chairs: **Dr. Zaina Adnan, Dr. Leonard Seiagh**

15:00–15:25 **Long Term Management of NFPA**  
**Prof. Yona Greenman** | Director, Institute of Endocrinology and Metabolism Tel Aviv–Sourasky Medical Center, Faculty of Medicine, Tel Aviv University

15:25–15:50 **The Clot Thickens: Thromboembolism in Cushing Syndrome**  
**Prof. Amit Akirov** | Endocrine Institute, Rabin Medical Center, Petah–Tikva; Secretary of the Israel Endocrine Society

15:50–16:00 **Coffee Break & Visit at the Exhibition** Foyer

16:00–17:30 **Flash Talks Sessions – Presentations from Selected Abstracts**

16:00–17:30 **Parallel Sessions – Flash Talks** Hall A  
**Adrenal & Bone**  
Chairs: **Dr. Alena Kirzhner, Dr. Elena Chertok Shacham**

16:00–16:07 **Multicomponent Lateralization Index to Enhance the Accuracy of Adrenal Venous Sampling (AVS) in Primary Aldosteronism Subtyping**  
**Yonit marcus**<sup>1</sup>, Gabi Shefer<sup>2</sup>, Isaack Kori<sup>3</sup>, Merav Ingbir<sup>4</sup>, Yona Greenman<sup>2</sup>, Naftali Stern<sup>5</sup>  
<sup>1</sup>Institute of Endocrinology, Metabolism and Hypertension, C, <sup>2</sup>Institute of Endocrinology, Metabolism and hypertension, Tel Aviv–Sourasky Medical Center, <sup>3</sup>Interventional Radiology, Department of Imaging, Tel Aviv–Sourasky Medical Center, <sup>4</sup>Department of Internal Medicine, Tel Aviv–Sourasky Medical Center, <sup>5</sup>The Sagol Center for Epigenetics, The Sagol School of Neuroscience, Tel Aviv University, Tel Aviv, Israel

16:07–16:14 **A Mechanistic Model for the Cortisol Paradox in PTSD**  
**Yaniv Grosskopf**<sup>1</sup>, Dor Danan<sup>1</sup>, Yoav Hayut<sup>1</sup>, Yoel Toledano<sup>2</sup>, Keren Doenyas–Barak<sup>3</sup>, Avi Mayo<sup>1</sup>, Uri Alon<sup>1</sup>  
<sup>1</sup>Department of Molecular Cell Biology, Weizmann Institute of Science, <sup>2</sup>Rabin Medical Center, <sup>3</sup>Shamir Medical Center

- 16:14–16:21 **Low Maternal Estradiol: Early Indicator of Life–Threatening Adrenal Insufficiency**  
**Keren Cohen**<sup>1</sup>, Naomi Weintrob<sup>2</sup>, Amir Peleg<sup>3,4</sup>, Lena Sagi Dain<sup>3,4</sup>, Ilana Koren<sup>1,4</sup>  
<sup>1</sup>Pediatric Endocrinology Unit, Lady Davis Carmel Medical Center and Clalit Health Services, Haifa, Israel, <sup>2</sup>The Institute of Pediatric Endocrinology, Diabetes and Metabolism, Dana Dwek Children Hospital, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel <sup>3</sup>Genetic Institute, Lady Davis Carmel Medical Center and Clalit Health Services, Haifa, Israel, <sup>4</sup>Ruth and Bruch Rappaport Faculty of Medicine, Technion–Israel Institute of Technology, Haifa, Israel
- 16:21–16:28 **Optimizing Patient Selection for Adrenal Vein Sampling in Primary Hyperaldosteronism**  
**Meir Frankel**<sup>1</sup>, Anthony Verstandig<sup>2</sup>, Gavriel Lichewitz<sup>1</sup>, Noa Sylvetzky<sup>1</sup>, Gabriel Munter<sup>1</sup>  
<sup>1</sup>Endocrinology unit, Shaare Zedek Medical Center, affiliated to Faculty of Medicine, Hebrew University, Jerusalem, Israel, <sup>2</sup>Interventional radiology unit, Shaare Zedek Medical Center, affiliated to Faculty of Medicine, Hebrew University, Jerusalem, Israel
- 16:28–16:35 **Predictive Value of Morning Serum Cortisol for Synacthen Test Outcomes During Corticosteroid Withdrawal**  
**Leonard Saiegh**<sup>1,2</sup>, Balsam Dakwar<sup>1</sup>, Katya Jovanovic<sup>1</sup>, Muaweya Mahamed<sup>3</sup>, Hadas Rabani<sup>1</sup>, Anan Shalata<sup>1</sup>, Emad Khoury<sup>1</sup>, Mohammad Sheikh Ahmad<sup>1,2</sup>  
<sup>1</sup>Institute of Endocrinology, Bnai Zion Medical Center, Haifa, Israel, <sup>2</sup>The Ruth and Bruce Rappaport Faculty of Medicine, Technion, Israel Institute of Technology, Haifa, Israel, <sup>3</sup>Department of internal medicine B, Bnai Zion Medical Center, Haifa, Israel
- 16:35–16:42 **Asthma and Stress Fractures in Combat Soldiers: A Nationwide Military Database Study**  
**Bar Lossos**<sup>1,2</sup>, Harel Gershgoren<sup>1,2</sup>, Idan Levi<sup>1</sup>, Maayan Shaked<sup>1</sup>, Amit Rimon<sup>1,2</sup>, Hadassa Sharshevsky<sup>1</sup>, Tomer Talmy<sup>1</sup>, Meir Schechter<sup>1,3</sup>  
<sup>1</sup>Medical Data Research Institute, Israel Defense Forces Medical Corps, Tel HaShomer, Ramat Gan, Israel, <sup>2</sup>Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel, <sup>3</sup>Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem, Israel
- 16:42–16:49 **Analysis of Clinical Pharmacists' Proactive Intervention for Monitoring and Treating Osteoporosis After Bariatric Surgery**  
**Sivan Lavi**<sup>1</sup>, Anna Otcheretianski<sup>1</sup>, Gal Omri Orbach<sup>1</sup>, Sarah David<sup>1</sup>, Daniel Landsberger<sup>1</sup>, Inbal Yifrach–Damari<sup>1</sup>  
Maccabi Healthcare Services

- 16:49–16:56 **DXA Screening in Men Aged  $\geq 70$  Years: High Burden of Low Bone Density and Favorable Health–Economic Profile in a Real–World Israeli Cohort**  
**Vanessa Rouach**<sup>1,2</sup>, Ziv Versano<sup>3</sup>, Meital Sasson<sup>3</sup>, Yona Greenman<sup>4</sup>, Arnon Makori<sup>3</sup>, Inbal Goldshtein<sup>5</sup>  
<sup>1</sup>Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Israel, <sup>2</sup>The Dr. Miriam and Sheldon G. Adelson School of Medicine (The Gray School), Tel Aviv University, Israel, <sup>3</sup>Assuta Medical Centers, <sup>4</sup>Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, <sup>5</sup>KI Research Institute
- 16:56–17:03 **Evaluation of Bone Health After Cancer Diagnosis: Gaps in DXA Assessment and Implications for Clinical Care**  
**Vanessa Rouach**<sup>1,2</sup>, Ziv Versano<sup>3</sup>, Meital Sasson<sup>3</sup>, Yona Greenman<sup>1</sup>, Arnon Makori<sup>3</sup>  
<sup>1</sup>Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Israel, <sup>2</sup>School of Medicine, Faculty of Medical and Health Sciences, <sup>3</sup>Assuta Medical Centers
- 17:03–17:10 **Comparative Effects of Anti–Osteoporotic Therapies on Mortality Following Hip Fracture: A Real–World Study**  
**Omri Armoni**<sup>1</sup>, Itay Pansky<sup>1</sup>, Dmitry Shklovsky<sup>2</sup>, Uri Yoel<sup>2,3</sup>, Merav Fraenkel<sup>2,3</sup>  
<sup>1</sup>Goldman School of Medicine, Faculty of Health Science, Ben–Gurion University of the Negev  
<sup>2</sup>Endocrinology, Soroka University Medical Center <sup>3</sup>Faculty of Health Science, Ben–Gurion University of the Negev
- 17:10–17:17 **Serum Vitamin D Levels and Functional Recovery After Hip Fracture Rehabilitation: A National Quality Registry–Based Cohort Study**  
**Limor Friedensohn**<sup>1,2</sup>, Olga Bronshtein<sup>1</sup>, Nethanel Goldschmidt<sup>1</sup>  
<sup>1</sup>Quality and Patient Safety Division, Israeli Ministry of Health, <sup>2</sup>Division of Endocrinology, Metabolism and Diabetes, Sheba Medical Center
- 17:17–17:24 **Assessment of Bone Mineral Density and Trabecular Bone Score in Adolescents and Young Adults with Primary Ovarian Insufficiency**  
**Noah Gruber**<sup>1,2</sup>, Shai Bar–Shira<sup>1,2</sup>, Myriam Safrai<sup>2,3</sup>, Moran Shapira<sup>2,3</sup>, Yael Levy–Shraga<sup>1,2</sup>  
<sup>1</sup>Pediatric Endocrine and Diabetes Division, Edmond and Lili Safra Children's Hospital, Sheba Medical Center, <sup>2</sup>The Gray Faculty of Medical and Health Sciences, Tel–Aviv University  
<sup>3</sup>IVF unit, Department of Obstetrics and Gynecology, Sheba Medical Center

17:24–17:31 **Iron Supplementation and Stress Fractures Risk in 2910 Propensity–Score Matched Female Combatants with Low Ferritin Without Anemia**  
**Noa Sofer Sali**<sup>1</sup>, May Merav<sup>1,2</sup>, Hadar Sharvit<sup>2</sup>  
<sup>1</sup>IDF, <sup>2</sup>The Hebrew University of Jerusalem

16:00–17:30 **Parallel Sessions – Flash Talks** Hall B  
**Fertility and Gestational Diabetes**  
Chairs: **Dr. Genya Aharon Hananel**, **Dr. Eran Gershon**

16:00–16:07 **Neurochemical Receptor Expression in Ovarian Cells: A Cross–Species Analysis of Neural–Ovarian Communication Pathways**  
**Mika Colin Trabelsi**<sup>1</sup>, Anat Kahan<sup>1</sup>  
Department of Animal Sciences, The Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem

16:07–16:14 **Earlier Menopause and Risk of Metabolic Dysfunction–Associated Steatotic Liver Disease: A Global Cohort Study**  
**Joshua Stokar**<sup>1</sup>, Rivka Dresner–Pollak<sup>1</sup>  
Endocrinology, Hadassah Hebrew University Medical Center

16:14–16:21 **Population–Based Age–Specific Reference Percentiles and Z–Scores for AMH in Women**  
**Rina Hemi**<sup>1</sup>, Ronit Machtinger<sup>2,3</sup>, Ehud Barhod<sup>1</sup>, Tomer Ziv<sup>3,4</sup>  
<sup>1</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel, Endocrine Laboratory, <sup>2</sup>Department of Obstetrics and Gynecology, Sheba Medical Center, Ramat Gan, Israel, IVF Division, <sup>3</sup>Tel Aviv University, Tel Aviv, Israel, Gray Faculty of Medical & Health Sciences, <sup>4</sup>Tel Aviv University, Tel Aviv, Israel, Baran Department of Epidemiology and Preventive Medicine, School of Public Health

16:21–16:28 **High Prevalence of Poor Sleep and Psychological Distress in a Transgender Clinic Cohort: A Cross–Sectional Study**  
**Iris Yaish**<sup>1</sup>, Rivi Tauman<sup>2</sup>, Jennifer Zitser Koren<sup>2</sup>, Yona Greenman<sup>1</sup>  
<sup>1</sup>Endocrine Institute, Tel Aviv Sourasky Medical Center (Ichilov) and Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel, <sup>2</sup>Sieratzki Sagol institute for Sleep Medicine, TASMC

16:28–16:35 **The Effect of Sex Hormone Priming on LHRH Test Results**  
**Ilana Koren**<sup>1,2</sup> Majd Abu Raia<sup>2</sup>, Shadi Ibrahim<sup>3</sup>, Hussein Majdoub<sup>3</sup>, Inbal Halabi<sup>3</sup>, Keren Cohen<sup>3</sup>, Shira London<sup>3</sup>, Hannah Ludar<sup>3</sup>  
<sup>1</sup>Pediatric Endocrinology Unit, Carmel Medical Center, Clalit Health Services  
<sup>2</sup>Rappaport Faculty of Medicine, Technion–Israel Institute of Technology  
<sup>3</sup>Pediatric department, Carmel Medical Center, Clalit Health Services

- 16:35–16:42 **Continuous Glucose Monitoring Metrics for Predicting Perinatal Outcomes in Women with Type 1 Diabetes Mellitus**  
**Orit Barenholz**<sup>2</sup>, Sarit Helman<sup>1</sup>, Maayan Bas-Lando, Sorina Grisaru-Granovsky, Ofri Oren  
<sup>1</sup>Obstetrics and gynecology, Shaare Zedek medical center, <sup>2</sup>Obstetrics and gynecology, Laniado Medical Center
- 16:42–16:49 **The Association Between CGM Derived Glycemic Control Measures at Different Gestational Periods Among Women with Pregestational T1D and the Risk of Neonatal Hypoglycemia**  
**Noam Brakin Lederer**<sup>1</sup>, Tali Cukierman-Yaffe<sup>1</sup>  
Endocrinology, Sheba Medical Center
- 16:49–16:56 **Moderate Carbohydrate Reduction Is Not Associated with Maternal Ketosis or Adverse Pregnancy Outcomes in Insulin-Treated Pregnancy: Interim Safety Data from a Randomized Controlled Trial**  
**Naama Shirazi**<sup>1,2</sup>, Danny Ben-Zvi<sup>1,2</sup>, Yoel Toledano<sup>3</sup>, Einat Mazor<sup>3</sup>, Meital Ron-El<sup>3</sup>, Sarit Hellman<sup>4</sup>, Maayan Bas Lando<sup>2,4</sup>, Karen Hershkop<sup>4</sup>, 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, Israel. <sup>2</sup>Faculty of Medicine, The Hebrew University of Jerusalem, Jerusalem, Israel, <sup>3</sup>Division of Maternal Fetal Medicine, Helen Schneider Hospital for Women, <sup>4</sup>Medical Center, Petah Tikva, Israel <sup>4</sup> Shaare Zedek Medical Center, Jerusalem, Israel
- 16:56–17:03 **Breathing New Life into Gestational Diabetes Diagnosis: Pilot Study of a Novel Non-Invasive Breath Test**  
**Maya Oberman**, Tal Schiller<sup>1</sup>, Amir Shafat<sup>2</sup>, Inbal Avrahami<sup>3</sup>, Alena Kirzhner<sup>3</sup>, Ziv Tsafir<sup>3</sup>, Edi Vaisbuch<sup>3</sup>, Oren Barak<sup>3</sup>  
<sup>1</sup>Edith Wolfson Medical Center, <sup>2</sup>School of Pharmacy and Medical Sciences, University of Galway, <sup>3</sup>Kaplan Medical Center

17:03–17:10

## **Polycystic Ovary Syndrome and Gestational Dysglycemia: A Large Population–Based Cohort Study**

**Yulia Balmakov**<sup>1,2</sup>, Orit Pinhas–Hamiel<sup>3,4</sup>, Hertz C Gerstein<sup>5</sup>, Gabriel Chodick<sup>6</sup>, Maya Nitecki<sup>1,7</sup>, Estela Derazne<sup>4</sup>, Yael Barer<sup>6</sup>, Noah Gruber<sup>8,9</sup>, Aya Bardugo<sup>1,2</sup>, Cole D. Bendor<sup>1,2</sup>, Avi Shina<sup>2</sup>, Arnon Afek<sup>10,11</sup>, Tali Cukierman–Yaffe<sup>6,12</sup>, Adi Vinograd<sup>13,14</sup>, Gilad Twig<sup>6,12</sup>

<sup>1</sup>Department of Military Medicine, Faculty of Medicine, Hebrew University Jerusalem, Israel. <sup>2</sup>Israel Defense Forces, Medical Corps, Ramat Gan, Israel.

<sup>3</sup>Pediatric Endocrine and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Tel–Hashomer, Ramat Gan, Israel. <sup>4</sup>School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel. <sup>5</sup>Department of Medicine, McMaster University, Hamilton, Ontario, Canada. <sup>6</sup>Department of Preventive Medicine, School of Public Health, Gray Faculty of Medical and Health Sciences, Tel Aviv University, Israel.

<sup>7</sup>Department of Obstetrics and Gynecology, Duke University School of Medicine, Durham, NC, USA. <sup>8</sup>Faculty of Medical and Health Science, Tel Aviv University, Tel Aviv, Israel. <sup>9</sup>Pediatric Endocrinology and Diabetes Unit, The Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Tel–Hashomer, Israel. <sup>10</sup>The Dina Recanati School of Medicine, Reichman University, Herzliya, Israel. <sup>11</sup>Central Management, Sheba Medical Center, Ramat Gan, Israel. <sup>12</sup>Division of Endocrinology Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel. <sup>13</sup>The Israel Center for Disease Control, Ministry of Health, Ramat Gan, Israel. <sup>14</sup>Department of Epidemiology and Preventive Medicine, School of Public Health, Gray Faculty of Medical & Health Sciences, Tel Aviv University, Tel Aviv

17:10–17:17

### **An Oral Glucose Tolerance Test in Pregnancy and Its Association with Future Cardiovascular Diseases**

**Tal Schiller**<sup>1,2</sup>, Linoy Gabay<sup>3</sup>, Oren Barak<sup>4</sup>, Alena Kirzhner<sup>5</sup>, Edi Vaisbuch<sup>4</sup>, Haitham Abu Khadija<sup>6</sup>, Gabriel Chodick<sup>7</sup>, Yael Barer<sup>2</sup>

<sup>1</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel, Institute of Endocrinology, Diabetes and Metabolic Disease, Wolfson Medical Center, <sup>2</sup>Kahn–Sagol–Maccabi Research and Innovation Institute, Maccabi Healthcare Services, Tel Aviv, Israel, <sup>3</sup>Wolfson Medical Center, Gray Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel

<sup>4</sup>Department of Obstetrics and Gynecology, Kaplan Medical Center, Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel, <sup>5</sup>Department of Internal Medicine A, Kaplan Medical Center, Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel, <sup>6</sup>Department of Cardiology, Kaplan Medical Center, Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel <sup>7</sup>School of Public Health, Faculty of Medical & Health Sciences, Tel Aviv University, Tel Aviv, Israel

16:00–17:30

### **Parallel Sessions – Flash Talks**

Hall D

#### **Thyroid**

Chairs: **Dr. Afif Nakhleh**, **Dr. Elena Itzhakov**

16:00–16:07

### **Clinical Significance of Infiltrative vs Encapsulated Follicular–Variant Papillary Thyroid Carcinoma: A Questionnaire Study**

**Amit Arbel**<sup>1</sup>, Dania Hirsch<sup>1,2</sup>, Amit Ritter<sup>1,3</sup>

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

<sup>2</sup>Endocrinology & Metabolism Institute, Rabin Medical Center, Petach Tikva, Israel, <sup>3</sup>Department of Otolaryngology, Head and Neck Surgery, Rabin Medical Center, Petach Tikva, Israel

16:07–16:14

### **Sustained Low–Normal TSH and Risk of Atrial Fibrillation and Vertebral or Hip Fractures**

**Afif Nakhleh**<sup>3,4</sup>, Said Darawshi<sup>1</sup>, Ruba Gadban<sup>2</sup>

<sup>1</sup>Clalit Healthcare Services, Northern District, Nazareth, Israel, <sup>2</sup>Department of Internal Medicine D, Rambam Health Care Campus, Haifa, Israel,

<sup>3</sup>Institute of Endocrinology, Diabetes and Metabolism, Rambam Health Care Campus, Haifa, Israel, <sup>4</sup>Azrieli Faculty of Medicine, Bar–Ilan University, Safed, Israel

- 16:14–16:21 **BRAF and MEK Inhibitors Other Than Dabrafenib and Trametinib for Advanced Thyroid Cancer**  
**Tzahi Yamin**<sup>1</sup>, Oded Cohen<sup>1</sup>, Eyal Robenshtok<sup>2,3</sup>, Inbar Finkel<sup>3,4</sup>  
<sup>1</sup>Department of Otolaryngology, Head and Neck Surgery, Assuta Samson Ashdod Medical Center, Ashdod, Israel, <sup>2</sup>Endocrinology & Metabolism Institute, Rabin Medical Center, Petach Tikva, Israel, <sup>3</sup>Gray School of Medicine, Tel–Aviv University, Tel–Aviv, <sup>4</sup>Department of Oncology, Tel Aviv Sourasky Medical Center, Tel–Aviv, Israel
- 16:21–16:28 **Prognostic Factors and Survival in Patients with Bone Metastases from Thyroid Cancer**  
**Noga Odess**<sup>1</sup>, Liyona Kampel<sup>1,2</sup>, Anton Warshavsky<sup>1,2</sup>, Gilad Horowitz<sup>1,2</sup>, Eyal Robenshtok<sup>1,3</sup>, Nidal Muhanna<sup>1,2</sup>, Inbar Finkel<sup>1,4</sup>  
<sup>1</sup>Gray Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel, <sup>2</sup>Department of Otolaryngology, Head and Neck and Maxillofacial Surgery, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel  
<sup>3</sup>Endocrinology & Metabolism Institute, Rabin Medical Center, Petach Tikva, Israel, <sup>4</sup>Head and Neck Medical Oncology Unit, Division of Oncology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel
- 16:28–16:35 **Inflammatory Biomarkers as Predictors for 90–Day Mortality in Hospitalized Patients with Amiodarone–Induced Thyrotoxicosis – A Historical Cohort Study**  
**Tali Epstein Weiss**<sup>1,2</sup>, Tomer Ziv–Baran<sup>3</sup>, Eugene Feigin<sup>1,2</sup>, Yona Greenman<sup>1,2</sup>, Elena Izkhakov<sup>1,2</sup>  
<sup>1</sup>Institute of Endocrinology, Diabetes, Metabolism and Hypertension, Tel Aviv–Sourasky Medical Center, Tel Aviv, Israel, <sup>2</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv, <sup>3</sup>Department of Epidemiology and Preventive Medicine, School of Public Health, Gray Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

16:35–16:42

**Long-Term Chronic Health Outcomes in CAYA Differentiated Thyroid Carcinoma Survivors and the Impact of Radioactive Iodine Therapy: A Real-World Study**

**Rachel Bello Vitrial**<sup>1</sup>, Michal Yackobovitch-Gavan<sup>1,2</sup>, Tal Oron<sup>1,3</sup>, Liora Lazar<sup>1,3</sup>, Samah Hayek<sup>4</sup>

<sup>1</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, Petach Tikva, Israel, <sup>2</sup>Gray Faculty for Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel, <sup>3</sup>Department of Epidemiology and Preventive Medicine School of Public Health 3Tel Aviv University, Tel Aviv, Israel, Gray Faculty for Medical and Health Sciences, <sup>4</sup>Department of Epidemiology and Preventive Medicine School of Public Health, Gray Faculty for Medical and Health Sciences, Tel Aviv university, Tel Aviv, Israel

16:42–16:49

**Real-World Comparison of the Upcoming ATA 2026 Sonographic Classification with ATA 2015 and ACR TI-RADS in Thyroid Nodules**

**Einav Gal Levin**<sup>1</sup>, Gali Avior<sup>1</sup>, Pinchas Klein<sup>2</sup>

<sup>1</sup>Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel., Department of Otolaryngology – Head and Neck Surgery, Sheba Medical Center, Technion University, Tel-Aviv, Israel, <sup>2</sup>Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel., Division of Endocrinology, Diabetes, and Metabolism, Sheba Medical Center, Ramat Gan, Israel

16:49–16:56

**Real-World Outcomes of Immune Checkpoint Inhibitor Therapy in Differentiated and Anaplastic Thyroid Carcinoma: A Retrospective Case Series**

**Irit Ayalon-Dangur**<sup>1,2</sup>, Eyal Robenshtok<sup>1,2</sup>, Elena Itzhakov<sup>2,3</sup>, Liyona Kampel<sup>2,4</sup>, Inbar Finkel<sup>2,5</sup>

<sup>1</sup>Institute of Endocrinology, Rabin Medical Center, Beilinson Campus, Petah Tikva, Israel, <sup>2</sup>Gray Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel, <sup>3</sup>Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel, <sup>4</sup>Department of Otolaryngology–Head and Neck and Maxillofacial Surgery, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel, <sup>5</sup>Oncology Division, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

16:56–17:03

### **High Early Mortality in Subclinical Hypothyroidism Previously Unrecognized**

**David Strrich**<sup>1</sup>, Ariel Israel<sup>2</sup>, Rona Luga<sup>3</sup>, Shalom Edri<sup>4</sup>, David Gillis<sup>5</sup>

<sup>1</sup>Pediatric Specialists Clinic, Endocrinology and Diabetes, Clalit Health Services, and Pediatric endocrinology unit, Shaare Zedek Medical Center, <sup>2</sup>Leumit Research Institute, Leumit Health Services, School of Public Health, Gray Faculty of Medical & Health Sciences, Tel Aviv University, <sup>3</sup>The Eisenberg R&D Authority, Shaare Zedek Medical Center, <sup>4</sup>Health Information Center, Clalit Health Services, Jerusalem, Israel, <sup>5</sup>Department of Pediatrics and Pediatric Endocrinology Unit, Hadassah–Hebrew University Medical Center, Jerusalem, Israel

17:03–17:10

### **Daily Goitrogen Intake Does Not Impair Thyroid Function or Iodine Status in Euthyroid Pregnant Women with Mild-to-Moderate Iodine Deficiency: Machine Learning–Based Study**

**Yaniv Ovadia**<sup>1</sup>, Abigail Paradise Vit<sup>2</sup>, Simon Shenhav<sup>1,3</sup>

<sup>1</sup>Obstetrics and Gynecology Department, Barzilai University Medical Center, Ashkelon, Israel, <sup>2</sup>Information Systems Department, The Max Stern Yezreel Valley College, Emek Yezreel, Israel, <sup>3</sup>Faculty of Health Sciences, Ben–Gurion University of the Negev, Beersheba, Israel

17:10–17:17

### **Close Access to Health Care as a Bridge Overcoming Disparities in Thyroid Cancer**

**Oded Cohen**<sup>1,2</sup>, Larisa Aizikovich<sup>2</sup>, Uri Yoel<sup>2,3</sup>, Merav Frenkel<sup>2,3</sup>, Liroy Caracucli<sup>2</sup>

<sup>1</sup>Otolaryngology, Head and Neck Surgery, Assuta Samson Ashdod, <sup>2</sup>Ben Gurion University, <sup>3</sup>Endocrinology, Soroka Medical Center

17:17–17:24

### **Thyroid Cancer in the Elderly– Specific Clinical and Histopathological Characteristics and Treatment Considerations – A Retrospective Cohort Study**

**Liroy Caracucli**<sup>1</sup>, Uri Yoel<sup>4,5</sup>, Daphna Idan<sup>1</sup>, Natalya Bilenko<sup>2</sup>, David Shacham<sup>3,4</sup>

<sup>1</sup>The Goldman Medical School at the Faculty of Health Sciences, Ben–Gurion University of the Negev, Beer Sheva, Israel, <sup>2</sup>Department of Epidemiology, Biostatistics and Community Health Sciences, Ben–Gurion University of the Negev, Beer–Sheva, Israel, <sup>3</sup>Geriatric department, Soroka University Medical Center, Beer–Sheva, Israel, <sup>4</sup>Faculty of Health Sciences, Ben–Gurion University of the Negev, Beer–Sheva, Israel, <sup>5</sup>Endocrinology Unit, Soroka University Medical Center, Beer–Sheva, Israel

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

Hall J

**Type 1 Diabetes**

Chairs: **Dr. Marianna Rachmiel, Dr. Miri Stolovich-Rain**

- 16:00–16:07 **Hyperglucagonemia Contribute to the Pathophysiology of Diabetic Kidney Disease by Activating mTOR Signaling in Kidney Proximal Tubule Cells**  
**Fatema Gamal**<sup>1</sup>, Aviram Kogot-Lvin<sup>1</sup>, Yael Riahi<sup>1</sup>, Liad Hinden<sup>2</sup>, Erol Cerasi<sup>1</sup>, Joseph Tam<sup>2</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>Obesity and Metabolism Laboratory, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem
- 16:07–16:14 **Metabolic Determinants of the Diabetogenic Interferon Response in Pancreatic Beta-Cells**  
**Maya Israeli**<sup>1</sup>, Shani Peleg<sup>1</sup>, Udi Ehud Knebel<sup>1</sup>, Chunhua Dai<sup>2</sup>, Roni Cohen-Fultheim<sup>3</sup>, Benjamin Glaser<sup>1</sup>, Erez Y. Levanon<sup>3</sup>, Alvin C. Powers<sup>4</sup>, Agnes Klochendler<sup>1</sup>, Yuval Dor<sup>1</sup>  
<sup>1</sup>The Hebrew University of Jerusalem, Israel, <sup>2</sup>Vanderbilt University, Nashville, USA, <sup>3</sup>Bar-Ilan University, Ramat Gan, Israel, <sup>4</sup>VA Tennessee Valley Healthcare, Nashville, TN
- 16:14–16:21 **Glucosamine Links Hyperglycemia to mTORC1 Activation and Glucose Toxicity in Diabetes**  
**Ziv Teselpapa**<sup>1</sup>, Yael Riahi<sup>1</sup>, Aviram Kogot-Levin<sup>1</sup>, Elisheva Zemelman<sup>1</sup>, Fatema Gamal<sup>1</sup>, Tamar Cohen<sup>1</sup>, Dana Avrahami<sup>1</sup>, Erol Cerasi<sup>1</sup>, Erez Dror<sup>2</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>Department of Developmental Biology and Cancer Research, The Institute for Medical Research Israel-Canada (IMRIC), The Hebrew University-Hadassah Medical School, Jerusalem, Israel

- 16:21–16:28 **RNA Editing Deficiency in Mouse Beta Cells Recapitulates Key Features of T1D Independently of Autoimmunity**  
**Jonathan Belin**<sup>1</sup>, Udi Ehud Knebel<sup>1</sup>, Shani Peleg<sup>1</sup>, Maya Israeli<sup>1</sup>, Miri Stolovich–Rain<sup>1</sup>, Alvin C. Powers<sup>2,3</sup>, Chunhua Dai<sup>2</sup>, Heather R. Kates<sup>4</sup>, Clive H. Wasserfall<sup>4</sup>, MacKenzie Williams<sup>4</sup>, Ann Fu<sup>4</sup>, Martha Campbell–Thompson<sup>4</sup>, Desmond A. Schatz<sup>4</sup>, Benjamin Glaser<sup>5</sup>, Erez Y. Levanon<sup>6</sup>, Agnes Klochendler<sup>1</sup>, Yuval Dor<sup>1</sup>  
<sup>1</sup>The Hebrew University of Jerusalem, Jerusalem, Israel, <sup>2</sup>Vanderbilt University Medical Center, Nashville, TN, US, <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
- 16:28–16:35 **Three–Dimensional Characterization of Neural–Endocrine Arrangement during Embryonic Development of the Pancreas**  
**Saada Naim**<sup>1</sup>, Anna Parnis<sup>1</sup>, Nimrod Rotem<sup>1</sup>, Nadav Sharon<sup>1</sup>  
Faculty of Biology, Technion
- 16:35–16:42 **Automated, Parallel Single–Nucleus RNA Sequencing of Multiple Pancreatic Islets from a NOD Mouse**  
**Theophilus Ajiro**<sup>1</sup>, Anna Parnis<sup>1</sup>, Nadav Sharon<sup>1</sup>  
Faculty of Biology, Technion – Israel Institute of Technology, Haifa, Israel
- 16:42–16:49 **A Pilot Study Comparing the Efficacy of Dosing Ultra Rapid Insulin Lispro in a Medtronic 780g Hybrid Closed Loop System at Mealtime or Postmeal**  
**Roy Eldor**<sup>1,2</sup>, Eugene Merzon<sup>3,4</sup>, Miri Margalio<sup>1</sup>, Tamara Kolitz<sup>1</sup>, Assaf Buch<sup>1,4</sup>  
<sup>1</sup>Tel Aviv Sourasky Medical Center, <sup>2</sup>Tel–Aviv University, <sup>3</sup>Leumit HMO, Medical Division, <sup>4</sup>Ariel University
- 16:49–16:56 **Real–World Teplizumab in Stage 2 Type 1 Diabetes: Safety Signals, Laboratory Kinetics, and Early Glycemic Outcomes in an Eight–Patient Case Series**  
**Nir Lasman**<sup>1</sup>, Yair Schwarz<sup>1</sup>  
Division of Endocrinology, Diabetes & Metabolism, Sheba Medical Center

- 16:56–17:03 **The Association Between Baseline Cognitive Function Tests Scores and Physical Capacity in Older People with Type 1 Diabetes Mellitus**  
**Naama Peltz–Sinvani<sup>1</sup>**, Hagar Shimon<sup>1</sup>, Yasmin Alt<sup>1</sup>, Etay Cohen<sup>1</sup>, Yael Keler<sup>1</sup>, Nir Lasman<sup>1</sup>, Jonathan Bleier<sup>1</sup>, Amna Jabarin<sup>1</sup>, Michal Azmon<sup>1,2</sup>, Tali Cukierman–Yaffe<sup>1,3</sup>  
<sup>1</sup>The Center for Successful Aging with Diabetes, Division of endocrinology, diabetes and metabolism, Sheba Medical Center, Ramat–Gan, Israel, <sup>2</sup>The Physiotherapy Department, Faculty of Health Sciences, Ariel University, Ariel, Israel, <sup>3</sup>The Epidemiology Department, Gray School of Medicine, Tel–Aviv University, Tel–Aviv, Israel
- 17:03–17:10 **Prevalence and Outcomes of DKA in Type 1 and Type 2 DM Patients Treated and Not Treated with SGLT–2 Inhibitors**  
**Elena Chertok Shacham<sup>1,2</sup>**, Sireen Sharif<sup>3</sup>, Rageh Tatoor<sup>4</sup>, Snait Ayalon<sup>3</sup>  
<sup>1</sup>Medicine, Technion, Israel institute of technology, <sup>2</sup>Endocrinology, Emek medical center, <sup>3</sup>Research authority, Emek medical center, <sup>4</sup>Internal Medicine department A, Emek medical center
- 17:10–17:17 **Adding Long–Acting Insulin to Automated Insulin Delivery Systems Among Youth with Type 1 Diabetes May Prevent Ketoacidosis Events: A Case Series**  
 Libby Shopen<sup>1,2</sup>, Gila Lavy<sup>1</sup>, Shira Harel<sup>3,4</sup>, Zohar Landau<sup>4</sup>, Shirly Abiri<sup>2,5</sup>, **Marianna Rachmiel<sup>1,2</sup>**  
<sup>1</sup>Pediatric Endocrinology and Diabetes Institute, Shamir (Assaf Harofeh) Medical Center, Beer Yaakov, Israel, <sup>2</sup>Grey Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel, <sup>3</sup>Pediatric Endocrine and Diabetes Unit, Assuta Medical Center, Ashdod, Israel, <sup>4</sup>Faculty of Health Sciences, Ben–Gurion University of the Negev, Beer Sheva, Israel, <sup>5</sup>Pediatric Endocrinology Unit, Edith Wolfson Medical Center, Holon, Israel

16:00–17:30 **Parallel Sessions – Flash Talks**  
**Type 2 Diabetes**

Hall H

Chairs: **Dr. Erez Dror, Dr. Talia Diker–Cohen**

- 16:00–16:07 **Diabetic Retinopathy After Liver Transplantation: Impact of Diabetes Type**  
**Keren Kaminer<sup>1,2</sup>**, Mor Atlas<sup>3</sup>, Talia Diker–Cohen<sup>1,2</sup>  
<sup>1</sup>Rabin medical center, Petah Tikva, Israel, <sup>2</sup>Faculty of Medical and Health Sciences, Tel Aviv University, Israel, <sup>3</sup>Business Administration Faculty, Ono Academic College, Kiryat Ono, Israel

- 16:07–16:14 **Transcriptional Profiling of Functional Beta Cell Heterogeneity**  
**Alona Volov**<sup>1</sup>, Aharon Helman<sup>1</sup>  
Institute of Biochemistry, Food Science, and Nutrition, The Hebrew University
- 16:14–16:21 **The Risk of Type 2 Diabetes in Women with Normal Glucose Challenge Test in Pregnancy; Implications for Diabetes Screening and Prevention Strategy**  
**Yael Barer**<sup>1,2</sup>, Tal Schiller<sup>2,3</sup>, Maya Nitecki<sup>1,4</sup>, Gilad Twig<sup>1,5</sup>, Gabriel Chodick<sup>1</sup>  
<sup>1</sup>Department of Preventive Medicine, School of Public Health, Gray Faculty of Medical and Health Sciences, Tel Aviv University, <sup>2</sup>Maccabi Healthcare Services, <sup>3</sup>Institute of Endocrinology, Diabetes and Metabolic Disease, Wolfson Medical Center, <sup>4</sup>Department of Obstetrics and Gynecology, Duke University School of Medicine, Durham, NC, USA, <sup>5</sup>Division of Endocrinology Diabetes and Metabolism, Sheba Medical Center
- 16:21–16:28 **Impaired Glucose Homeostasis in Telomouse, a Novel Mouse Model with Short-Telomeres**  
**Moshe Sellam**<sup>1,2</sup>, Kamil Bar-Nes<sup>1,2</sup>, Riham Smoom<sup>3</sup>, Reut Rifkind<sup>1,2</sup>, Benjamin Glaser<sup>2</sup>, Yehuda Tzfati<sup>3</sup>, Dana Avrahami<sup>1,2</sup>  
<sup>1</sup>Department of Developmental Biology and Cancer Research, The Hebrew University–Hadassah Medical School, Jerusalem, Israel, <sup>2</sup>Department of Endocrinology and Metabolism, Hadassah Medical Center, Faculty of Medicine, Hebrew University of Jerusalem, Israel, <sup>3</sup>Department of Genetics, The Silberman Institute for Life Sciences, The Hebrew University of Jerusalem
- 16:28–16:35 **Mechanisms of Aldolase B Mediated Beta Cell Glucotoxicity**  
**Loren Jubran**<sup>1,2</sup>, Dana Avrahami<sup>1,2</sup>, Benjamin Glaser<sup>1</sup>  
<sup>1</sup>Department of Endocrinology and Metabolism, Hadassah–Hebrew University Medical Center Jerusalem, Israel, <sup>2</sup>Department of Developmental Biology and Cancer Research, The Hebrew University–Hadassah Medical School, Jerusalem, Israel
- 16:35–16:42 **NME3 as a Mediator of the Glucagon–Mitochondria Axis in Hepatic Metabolism and Type 2 Diabetes**  
**Naama Miron Meir**<sup>1</sup>, Bar Avni<sup>1</sup>, Sonya Basin<sup>1</sup>, Kfir Sharabi<sup>1</sup>  
The Institute of Biochemistry, Food Science and Nutrition, The Hebrew University of Jerusalem, Israel

- 16:42–16:49 **The Role of 5–Hydroxymethylcytosine and TET Enzymes in Regulating Beta–Cell Function: A Novel Mechanism in Diabetes Pathogenesis**  
**Reut Rifkind**<sup>1,2</sup>, Benjamin Glaser<sup>2</sup>, Yuval Dor<sup>1</sup>, Dana Avrahami<sup>1,2</sup>  
<sup>1</sup>Department of Developmental Biology and Cancer Research, The Hebrew University–Hadassah Medical School, Jerusalem, Israel, <sup>2</sup>Department of Endocrinology and Metabolism, Hadassah Medical Center and Faculty of Medicine, Hebrew University of Jerusalem, Israel
- 16:49–16:56 **The Effect of Pancreatic Exocrine Replacement Therapy on Diabetic Patients with Pancreatic Exocrine Insufficiency**  
**Yousef Shukha**<sup>1,2</sup>, Shadi Hamoud<sup>2,3</sup>, Afif Nakhleh<sup>1,4</sup>, Naim Shehade<sup>4,5</sup>  
<sup>1</sup>Endocrinology, Diabetes, and Metabolism Unit, Rambam Health Care Campus, <sup>2</sup>Internal Medicine E Department, Rambam Health Care Campus, <sup>3</sup>Rappaport Faculty of Medicine, Technion, Israel Institute of Technology, <sup>4</sup>Diabetes and Endocrinology Clinic, Maccabi Healthcare Services, <sup>5</sup>SPHERE Project, The Azrieli Faculty of Medicine, Bar–Ilan University
- 16:56–17:03 **Clinical Utility of the SARC–F Questionnaire for Assessing Sarcopenia in Community–Dwelling Older Adults with Diabetes and Obesity**  
**Sharon Barak**<sup>1</sup>, Roy Eldor<sup>2</sup>, Roy Brown<sup>2</sup>, Orly Barak<sup>2</sup>, Elena Izkhakov<sup>2</sup>, Yona Greenman<sup>2</sup>, Carla M Prado<sup>3</sup>, M. Cristina Gonzalez<sup>4</sup>, Assaf Buch<sup>5</sup>  
<sup>1</sup>Ariel University, <sup>2</sup>Tel Aviv Sourasky Medical Center, <sup>3</sup>Department of Agricultural, Food and Nutritional Science, University of Alberta, Edmonton, Alberta, Canada, <sup>4</sup>Federal University of Pelotas, Pelotas, RS, BR, <sup>5</sup>Ariel University; Tel Aviv Sourasky Medical Center
- 17:03–17:10 **Metformin and Risk of Cancer in Patients with Diabetes Mellitus – A Large – Scale Population Cohort**  
**Idit Dotan**<sup>1,2</sup>, Shiri Kushnir<sup>3</sup>, Tzippy Shochat<sup>4</sup>, Talia Diker Cohen<sup>1,2</sup>  
<sup>1</sup>Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel, Institute of Endocrinology, Diabetes and Metabolism, <sup>2</sup>Tel Aviv University, Tel Aviv, Israel, Gray Faculty of Medical and Health Sciences, <sup>3</sup>Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel, Research Authority, <sup>4</sup>Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel, Statistical Consulting Unit

17:10–17:17

### **Predictors of Adverse Outcomes in Diabetic Patients Hospitalized with Acute Decompensated Heart Failure**

**Alena Kirzhner**<sup>1,4</sup>, Sheli Rivman<sup>1</sup>, Tal Schiller<sup>2,3</sup>, Hefziba Green<sup>1,4</sup>,  
Haitham Abu Khadija<sup>1,5</sup>, Joshua Friedman<sup>1,4</sup>, Ilona Hrechkan<sup>1,4</sup>,  
Saher Jammal<sup>1,4,6</sup>

<sup>1</sup>Faculty of Medicine, The Hebrew University of Jerusalem, <sup>2</sup>Institute of Endocrinology, Diabetes and Metabolic Disease, Wolfson Medical Center, <sup>3</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, <sup>4</sup>Department of Internal Medicine A, Kaplan Medical Center, <sup>5</sup>Department of Cardiology, Kaplan Medical Center <sup>6</sup>Institute of Pulmonology, Kaplan Medical Center

16:00–17:30

### **Parallel Sessions – Flash Talks**

Hall I

#### **Extreme Endocrinology: Microbiome, Exercise, Cancer and More**

Chairs: **Dr. Kfir Sharabi, Dr. Yael Kuperman**

16:00–16:07

### **Mitigation of Strength–Loss in Aged Mice: Therapeutic Efficacy of Three Compounds**

**Gabi Shefer**<sup>1</sup>, Gilad Lehmann<sup>1</sup>, Miguel Morales Moshiasvili<sup>1</sup>, Yonit Marcus<sup>1</sup>,  
Yona Greenman<sup>1</sup>

Endocrinology, Tel–Aviv Sourasky Medical Center

16:07–16:14

### **The Effects of Gut Microbiome–Derived Metabolites on Hepatic Glucose Metabolism**

**Or Maalumi**<sup>1</sup>, Or Blank<sup>1</sup>, Julius Ben–Ari<sup>1</sup>, Kfir Sharabi<sup>1</sup>

Biochemistry, Food science and nutrition, Hebrew university of Jerusalem

16:14–16:21

### **Mitochondrial Phosphorylation as a Metabolic Switch: The Role of CPS1 in Glucagon–Driven Urea and Glucose Regulation**

**Hadar Bar Dagan**<sup>1</sup>, Yuval Adar<sup>1</sup>, Nofar Halimi<sup>1</sup>, Kfir Sharabi<sup>1</sup>

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

16:21–16:28

### **LXRs Participate in the Fasting Response by Assisting C/EBP $\beta$ Binding to Enhancers and Promoting the Fasting Transcriptional Program**

**Hadar Shalev**<sup>1</sup>, Tali Gorbonos<sup>1</sup>, Maria C. Romero Florian<sup>2</sup>, Noga Korenfeld<sup>1</sup>,  
Cigdem Sahin<sup>2</sup>, Dana Goldberg<sup>1</sup>, Talia Radushkevitz–Frishman<sup>1</sup>,  
Mariana Anosov–Babi<sup>1</sup>, Angela Yan<sup>2</sup>, Meital Charni–Natan<sup>1</sup>, Meirav Bar–Shimon<sup>1</sup>,  
Carolyn L. Cummins<sup>2</sup>, Ido Goldstein<sup>1</sup>

<sup>1</sup>The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem. Rehovot, Israel, Institute of Biochemistry, Food Science and Nutrition, <sup>2</sup>Department of Pharmaceutical Sciences, Leslie Dan Faculty of Pharmacy, University of Toronto, Toronto, ON, Canada

- 16:28–16:35 **Deciphering liver Glycome Regulation by the PGC-1/FN3K Axis and its Significance**  
**Neri Minsky**<sup>1</sup>, Idit Ron-Ronen<sup>1</sup>, Efrat Glick-Saar<sup>2</sup>, Amir Tirosh<sup>1</sup>  
<sup>1</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Sheba Medical Center, <sup>2</sup>Wohl Institute for Translational Medicine, Sheba Medical Center, Sheba Medical Center
- 16:35–16:42 **Adipose Tissue-Derived FABP4 Promotes Melanoma Growth by Regulating the Tumor Microenvironment Lipidomic Landscape**  
**Reem Igharia**<sup>1,2</sup>, Rinat Livne<sup>1</sup>, Amir Tirosh<sup>1,2</sup>  
<sup>1</sup>The Dalia and David Arabov Endocrinology and Diabetes Research Center, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, <sup>2</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University
- 16:42–16:49 **SDF-1 Mediates Liver Metabolic Adaptation Through CXCR7: Implications for MASH Pathogenesis**  
**Rachel Barkan Michaeli**<sup>1</sup>, Chaim Atay Fainshtein<sup>1</sup>, Hadar Bar-Dagan<sup>1</sup>, Nof Hadar<sup>1</sup>, Kfir Sharabi<sup>1</sup>  
The Institute of Biochemistry, Food Science, and Nutrition, The Robert H. Smith Faculty of Agriculture, The Hebrew University in Jerusalem
- 16:49–16:56 **Intense Physical Exercise Induces Acute Hyperglycemia and Hyperinsulinemia in Fasting, Healthy Adults**  
**Doron Kleiman**<sup>1</sup>, Rachel Schyr<sup>1</sup>, Danny Ben-Zvi<sup>1</sup>  
Institute for Medical Research, Israel-Canada, Hebrew University of Jerusalem
- 16:56–17:03 **Nuclear Receptors Activation Maintains Identity in Primary Mouse Hepatocytes During Culture**  
**Yael Pelez Daniel**<sup>1</sup>, Ido Goldstein<sup>1</sup>  
The Robert H. Smith Faculty of Agriculture, Food and Environment, Institute of Biochemistry, Food Science and Nutrition. The Hebrew University of Jerusalem
- 17:03–17:10 **Nutritional Sources of Medium Chain Fatty Acids are Not Required for Ghrelin Acylation in Humans**  
**Karin Later**<sup>1</sup>, Rachel Ben-Haroush Schyr<sup>1</sup>, Khuloud Abu Tair<sup>2</sup>, David Hakimian<sup>3</sup>, Danny Ben-Zvi<sup>1,4</sup>  
<sup>1</sup>Department of Developmental Biology and Cancer Research, Institute for Medical Research Israel Canada, Hebrew University of Jerusalem, <sup>2</sup>Department of Nutrition and Diet, Hadassah University Medical Center, <sup>3</sup>Institute of Gastroenterology and Liver Disease, Hadassah University Medical Center, <sup>4</sup>Center for Computational Medicine, Hebrew University of Jerusalem

17:10–17:17 **Impact of Standing Desks on Physiological and Psychological Outcomes in Sedentary Office Workers**  
**Assaf Buch**<sup>1,2</sup>, Ofer Kis<sup>2</sup>, Lani Ofri<sup>1</sup>, Odelyah Saad<sup>1</sup>, Liat Kulik<sup>3</sup>, Roy Eldor<sup>2</sup>  
<sup>1</sup>Ariel University, <sup>2</sup>Tel Aviv Sourasky Medical Center, <sup>3</sup>Bar Ilan University

16:00–17:30 **Parallel Sessions – Flash Talks** Hall 5  
**Obesity**  
Chairs: **Dr. Liad Linden, Dr. Ahmad Khatib**

16:00–16:07 **12:12 Time-Restricted Feeding Corrects Weight Cycling –Induced Aggravation of Glucose Intolerance and Circadian Disruption in Young Mice**  
**Habib Muallem**<sup>1</sup>, Alon Zemer<sup>1</sup>, Yulia Haim<sup>1</sup>, Marina Rosengarten–Levin<sup>1</sup>, Yuval G. Noach<sup>1</sup>, Alexandra Tsitrina<sup>2</sup>, Uri Yoel<sup>1</sup>, Hiroshi Tsuneki<sup>3</sup>, Tsutomu Wada<sup>3</sup>, Toshiyasu Sasaoka<sup>3</sup>, Alon Monsonogo<sup>4</sup>, Assaf Rudich<sup>1</sup>  
<sup>1</sup>Department of Clinical Biochemistry and Pharmacology, Faculty of Health Sciences, Ben–Gurion University of the Negev, Beer–Sheva, Israel, <sup>2</sup>Ilse Katz Institute of Nanoscale Science and Technology, Ben–Gurion University of the Negev, Beer–Sheva, Israel, <sup>3</sup>Department of Clinical Pharmacology, University of Toyama, Toyama, Japan, <sup>4</sup>The Shraga Segal Department of Microbiology, Immunology and Genetics, Faculty of Health Sciences, Ben–Gurion University of the Negev, Beer–Sheva, Israel

16:07–16:14 **Higher Prevalence of Short Stature and Excess Weight in Children with Sleep Disorders**  
**Dr. Inbal Halabi**<sup>1</sup>, Dana Hadar<sup>2</sup>, Hilla Cohen<sup>2</sup>, Yardena Tenenbaum Rakover<sup>3</sup>, Giora Pillar<sup>4</sup>  
<sup>1</sup>Pediatric Endocrine Unit, Carmel Medical Center, Clalit Health Services, <sup>2</sup>Research Authority, Clalit Health Care Organization, Carmel Medical Center, <sup>3</sup>Children's Endocrinology Consulting Center, Clalit Health Services, <sup>4</sup>Sleep Clinic, Clalit Health Services, Technion Faculty of Medicine

16:14–16:21 **Distinct Phenotype of Severe, Treatment-Resistant Obesity Associated with Heterozygous Pathogenic Variants in the Melanocortin Pathway**  
**Noga Minsky**<sup>1,2</sup>, Oran Rahamim<sup>3</sup>, Odelia Chorin<sup>2,4</sup>, Dror Dicker<sup>2,5</sup>, Gabriella Segal–Lieberman<sup>1,2</sup>  
<sup>1</sup>Division of Endocrinology, Diabetes and Metabolism Sheba Medical Center, Israel, <sup>2</sup>Gray School of Medicine, Tel–Aviv University, Israel, <sup>3</sup>School of Medicine, University of Nicosia, Cyprus, <sup>4</sup>The Danek Gertner Institute of Genetics, Sheba Medical Center <sup>5</sup>Internal Medicine, Hasharon Hospital, Israel

- 16:21–16:28 **Triglyceride–Glucose Index and Risk of End–Stage Liver Disease in Young Adults: A Nationwide Cohort Study**  
**Michal Kasher Meron**<sup>1,2</sup>, Tzipi Hornik–Lurie<sup>3</sup>, Pnina Rotman–Pikielny<sup>1,2</sup>, Gilad Twig<sup>2,4</sup>, Tomas Karpati<sup>5</sup>  
<sup>1</sup>Endocrinology, Meir Medical Center, <sup>2</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, <sup>3</sup>Research, Meir Medical Center, <sup>4</sup>Endocrinology, Sheba Medical Center, <sup>5</sup>Faculty of Sciences and Department of Digital Medical Technologies, Holon Institute of Technology
- 16:28–16:35 **Teenage Obesity and Incident Cardiovascular Disease in Young Adulthood**  
**Avishai M. Tsur**<sup>1,2</sup>, Estela Derazne<sup>3</sup>, Arnon Afek<sup>4</sup>, Gabriel Chodick<sup>3</sup>, Gilad Twig<sup>5,6</sup>  
<sup>1</sup>Medical Corps, Israel Defense Forces, <sup>2</sup>Faculty of Medicine, Department of Military Medicine, Hebrew University of Jerusalem, <sup>3</sup>School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University, <sup>4</sup>Dina Recanati School of Medicine, Reichman University, <sup>5</sup>The Institute of Endocrinology Diabetes and Metabolism, Sheba Medical Center, <sup>6</sup>Department of Preventive Medicine and Epidemiology, School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University
- 16:35–16:42 **Dynamic Life Style–Induced Changes in Asymmetric Dimethylarginine (Adma) Correlate with Alteration in Lipid Profile and Fasting Insulin in Subjects with The Metabolic Syndrome**  
**Brurya Tal**<sup>1</sup>, Gabi Shefer<sup>1</sup>, Jessica Sack<sup>1</sup>, Yonit Marcus<sup>1</sup>, Yael Sofer<sup>1</sup>, Marianna Yaron<sup>1</sup>, Limor Ben Haim<sup>1</sup>, Elena Izhakov<sup>1</sup>, Yona Greenman<sup>1</sup>, Naftali Stern<sup>1</sup>  
The Sagol Center for the Metabolic Syndrome, Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv–Sourasky Medical Center; Sackler Faculty of Medicine, Tel Aviv University, Israel
- 16:42–16:49 **The Role of Sex in Achieving Weight Loss After One Anastomosis Gastric Bypass Surgery**  
**Ido Sarig**<sup>1,2</sup>, Wiessam Abu Ahmad<sup>3</sup>, Yona Greenman<sup>1,2</sup>, Yael Sofer<sup>1,2</sup>  
<sup>1</sup>Institute of Endocrinology, Sourasky Medical Center, <sup>2</sup>Gray faculty of medical and health sciences, Tel Aviv University, <sup>3</sup>Faculty of Medicine, The Hebrew University of Jerusalem

- 16:49–16:56 **Adipocyte Hypertrophy in Visceral, Not Subcutaneous, Adipose Tissue Associates Cross-Sectionally with Poor Obesity Phenotype and Predicts Better Response to Bariatric Surgery**  
**Marina Rosengarten Levin**<sup>1,2</sup>, Hadar Klein<sup>3</sup>, Yulia Haim<sup>1</sup>, Alexandra A. Tsitrina<sup>1,4</sup>, Habib Mualem<sup>1</sup>, Alon Zemer<sup>1</sup>, Oleg Zilber<sup>1</sup>, Yair Pincu<sup>1</sup>, Idit F. Liberty<sup>5</sup>, Oleg Dukhno<sup>6</sup>, Nur Alkrinawi<sup>6</sup>, Iris Shai<sup>3</sup>, Assaf Rudich<sup>1</sup>, Uri Yoel<sup>1,7</sup>  
<sup>1</sup>Department of Clinical Biochemistry and Pharmacology, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-Sheva, Israel, <sup>2</sup>Maccabi Health Care Services, Rehovot, Israel, <sup>3</sup>The Health & Nutrition Innovative International Research Center, Department of Epidemiology, Biostatistics and Community Health Sciences, Faculty of Health Sciences, School of Public Health, Ben-Gurion University of the Negev, Beer Sheva, Israel <sup>4</sup>Ilse Katz Institute for Nanoscale Science and Technology, <sup>5</sup>Diabetes Clinic, <sup>6</sup>Surgical ward B, <sup>7</sup>Endocrinology, Soroka University Medical Center, Beer-Sheva, Israel
- 16:56–17:03 **First-Visit Anti-Obesity Medication Recommendation and One-Year Patient Retention and Weight Loss**  
**Dekel Homossany**<sup>1</sup>, Michael Rechter<sup>2</sup>, Liat Barzilai-Yosef<sup>2</sup>, Pnina Rotman-Pikielny<sup>1,2</sup>, Michal Kasher Meron<sup>1,2</sup>  
<sup>1</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University <sup>2</sup>Endocrinology, Meir Medical Center
- 17:03–17:10 **Exploring Changes in Body Composition and Metabolic Risk in Adolescents with Obesity Under GLP-1 Receptor Agonist Therapy**  
**Avivit Brener**<sup>1,2</sup>, Adar Lopez<sup>1</sup>, Liat Perl<sup>1,2</sup>, Ophir Borger<sup>1</sup>, Yael Issan<sup>1</sup>, Hagar Interator<sup>1</sup>, Eyal Cohen-Sela<sup>1,2</sup>, Erez Azoulay<sup>1</sup>, Hadar Moran-Lev<sup>2,3</sup>, Ronit Lubetzky<sup>2,3</sup>, Yael Lebenthal<sup>1,2</sup>  
<sup>1</sup>The Institute of Pediatric Endocrinology, Dana-Dwek Children's Hospital, Tel Aviv Sourasky Medical Center, <sup>2</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, <sup>3</sup>The Institute of Pediatric Gastroenterology, Dana-Dwek Children's Hospital, Tel Aviv Sourasky Medical Center
- 17:10–17:17 **A deflection Points During Weight Loss: Call for Identification and Action**  
**Brurya Tal**<sup>1</sup>, Gabi Shefer<sup>1</sup>, Jessica Sack<sup>1</sup>, Yonit Marcus<sup>1</sup>, Yael Sofer<sup>1</sup>, Marianna Yaron<sup>1</sup>, Limor Ben Haim<sup>1</sup>, Yona Greenman<sup>1</sup>, Naftali Stern<sup>1</sup>  
The Sagol Center for the Metabolic Syndrome, Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv-Sourasky Medical Center; Sackler Faculty of Medicine, Tel Aviv University, Israel

**Thursday, July 16, 2026**

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

08:30–10:00 **Parallel sessions – Oral Presentations from Selected Abstracts**

08:30–10:00 **Parallel Sessions – Abstracts** Hall A  
**Pituitary and NETs**  
Chairs: **Prof. Amit Akirov, Dr. Meir Frankel**

08:30–08:42 **Identifying Transcription Factor Programs Responsible for Pituitary Stem Cell Differentiation into Gonadotropes in the Neonate Using Single–Cell Multiomics**

**Gil Golan**<sup>1</sup>, Daniel Sheridan<sup>2</sup>, Karine Rizzoti<sup>2</sup>, Robin Lovell–Badge<sup>2</sup>, Philippa Melamed<sup>1</sup>

<sup>1</sup>Faculty of Biology, Technion–Israel Institute of Technology, <sup>2</sup>Francis Crick Institute

08:42–08:54 **Higher Panomen–3 Grade Predicts the Need for Additional Interventions Following Surgery in Patients with Non–Functioning Pituitary Macroadenomas**

**Efrat Markus**<sup>1,2</sup>, Yaron Rudman<sup>2,3</sup>, Genady Drozdinsky<sup>2,4</sup>, Ilan Shimon<sup>2,3</sup>, Shlomit Koren<sup>1,2</sup>

<sup>1</sup>Endocrine and Diabetes Institute, Shamir Medical Center, <sup>2</sup>Gray Faculty of Medical & Health Sciences, Tel Aviv University, <sup>3</sup>Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, <sup>4</sup>Infectious Diseases Unit, Beilinson Hospital, Rabin Medical Center

08:54–09:06 **Immune Checkpoint Inhibitor–Related Hypophysitis: Tel Aviv Sourasky Medical Center Cohort**

**Ruti Karov**<sup>1</sup>, Esther Osher<sup>1,2</sup>, Yona Greenman<sup>1,2</sup>

<sup>1</sup>Endocrinology Metabolism And Hypertension, Tel Aviv Souraski Medical Center, <sup>2</sup>Faculty Of Medicine, Tel–Aviv University

09:06–09:18 **Proximal Gastric Endocrine Cells are Long–Lived and Follow a Unique Developmental Trajectory**

Amit Elad<sup>1</sup>, **Michelle Malis**<sup>1</sup>, Yifaa Friedman<sup>1</sup>, Rachel Ben–Haroush Schyr<sup>1</sup>, Danny Ben–Zvi<sup>1,2</sup>

<sup>1</sup>Developmental Biology and Cancer Research, Hebrew University of Jerusalem  
<sup>2</sup>Center for Computational Medicine, Hebrew University of Jerusalem

- 09:18–09:30 **ProGRP as a Biomarker in Lung Carcinoids Associated with DIPNECH**  
**Anat Bel–Ange**<sup>2</sup>, Benjamin Nisman<sup>1</sup>, Ofra Maimon<sup>3</sup>, Hovav Nechushtan<sup>3</sup>, Nir Peled<sup>4</sup>, Veronika Denysova<sup>2</sup>, Simona Ben–Haim<sup>5</sup>, Karin Atlan<sup>6</sup>, Ori Wald<sup>7</sup>, David Gross<sup>2</sup>, Tamar Peretz<sup>1</sup>, Simona Grozinsky–Glasberg<sup>2</sup>  
<sup>1</sup>Department of Oncology, Hadassah and Hebrew University Medical Center, Jerusalem, Israel, <sup>2</sup>Neuroendocrine Tumor Unit, ENETS Center of Excellence, Division of Internal Medicine, Hadassah Medical Center, Jerusalem, Israel, <sup>3</sup>Israel Sharett Institute of Oncology, Hadassah Medical Center, Jerusalem, Israel, <sup>4</sup>The Institute of Oncology, Shaarei Zedek Medical Center, Jerusalem, Israel, <sup>5</sup>Department of Nuclear Medicine & Biophysics, Hadassah Medical Organization, Israel. Faculty of Medicine, Hebrew University of Jerusalem, Israel, <sup>6</sup>Department of Pathology, Hadassah Medical Organization, Jerusalem, <sup>7</sup>Department of Cardiothoracic Surgery, Hadassah Medical Center and Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel
- 09:30–09:42 **Mitotic Count and Ki–67 Index in Gastroenteropancreatic Neuroendocrine Neoplasms: Concordance Analysis and Association with Metastatic Disease**  
**Mohammad Sheikh Ahmad**<sup>1,2</sup>, Abed Agbarya<sup>2,3</sup>, Sharon Talisman<sup>1,2</sup>, Jacob Bejar<sup>4</sup>, Hila Kreizman Shefer<sup>4</sup>, Monica Laniado<sup>2,5</sup>, Leonard Saiegh<sup>1,2</sup>  
<sup>1</sup>Institute of Endocrinology, Bnai Zion Medical Center, Haifa, Israel, <sup>2</sup>The Ruth and Bruce Rappaport Faculty of Medicine, Technion, Israel Institute of Technology, Haifa, Israel, <sup>3</sup>Institute of Oncology, Bnai Zion Medical Center, Haifa, Israel, <sup>4</sup>Institute of Pathology, Bnai Zion Medical Center, Haifa, Israel, <sup>5</sup>Department of Surgery, Bnai Zion Medical Center, Haifa, Israel

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

Hall B

**Thyroid**

Chairs: **Dr. Liat Barzilai–Yosef** **Dr. Michal Gershinsky**

- 08:30–08:42 **Successful Levothyroxine Discontinuation in Patients with a Persistently Normal TSH**  
**Ori Adler**<sup>1</sup>, David Fisher<sup>2,3</sup>, Tamar Freud<sup>4</sup>, Howard Tandeter<sup>4</sup>, Merav Fraenkel<sup>2,3</sup>  
<sup>1</sup>Internal Medicine B, Soroka University Medical Center, <sup>2</sup>Endocrinology, Soroka University Medical Center, <sup>3</sup>Faculty of Health Science, Ben Gurion University of the Negev, <sup>4</sup>Department of Family Medicine and Sial Research Center for Family Medicine and Primary Care, Ben–Gurion University of the Negev

- 08:42–08:54 **Pregnancy Outcomes by Thyroid Autoantibody Status in Euthyroid and Subclinical Hypothyroid Women– Insights from a Nationwide Cohort Study**  
**Maya Maimon Solomon**<sup>1</sup>, Uri Yoel<sup>2</sup>, Yuval Elhayani<sup>3</sup>, Nitzan Burrack<sup>3</sup>, Merav Fraenkel<sup>2</sup>, Tamar Eshkoli<sup>1</sup>  
<sup>1</sup>Department Of Gynecology, Soroka Medical Center, <sup>2</sup>Department of Endocrinology, Soroka Medical Center, <sup>3</sup>Clinical Research Center, Ben Gurion University
- 08:54–09:06 **Second Primary Malignancies Among Pediatric and Young Adult Survivors of Differentiated Thyroid Cancer: Real–World Evidence**  
**Rachel Bello Vitrial**<sup>1</sup>, Michal Yackobovitch–Gavan<sup>1,2</sup>, Liora Lazar<sup>1,3</sup>, Samah Hayek<sup>2</sup>  
<sup>1</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, Petach Tikva, Israel, <sup>2</sup>Department of Epidemiology and Preventive Medicine, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel <sup>3</sup>Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
- 09:06–09:18 **Efficacy and Safety of RFA Therapy in Patients with Benign Thyroid Nodules Compared to Other Modalities**  
**Roni Mechorish**<sup>1</sup>, Moshe Yehuda<sup>1,2</sup>, Eyal Robenshtok<sup>1,3</sup>, Hadar Duskin–Bitan<sup>1,3</sup>, Gideon Bachar<sup>1,2</sup>, Ilan Shimon<sup>1,3</sup>, Ido Amir<sup>1,2</sup>  
<sup>1</sup>Gray Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel, <sup>2</sup>Department of Otolaryngology, Head and Neck Surgery, Rabin Medical Center, Petach Tikva, Israel, <sup>3</sup>Endocrinology & Metabolism Institute, Rabin Medical Center, Petach Tikva, Israel
- 09:18–09:30 **Does the Difference Between Bethesda V and VI Predict Long Term Outcomes of Thyroid Cancer?**  
**Marina Ioffe**<sup>1</sup>, Anna Anna Hochner–Ger<sup>2</sup>, Ignat Schwartz<sup>2</sup>, Reut Halperin<sup>3</sup>, Galit Avior<sup>4</sup>, Pinchas Klein<sup>1,5</sup>  
<sup>1</sup>Division of Endocrinology, Diabetes and Metabolism, The Chaim Sheba Medical Center, Tel Hashomer, Israel, <sup>2</sup>Institute of Pathology, The Chaim Sheba Medical Center, Tel Hashomer, Israel, <sup>3</sup>ENTIRE – Endocrine Neoplasia Translational Research Center, Division of Endocrinology, Diabetes and Metabolism, The Chaim Sheba Medical Center, Tel Hashomer, Israel, <sup>4</sup>Otolaryngology Head& Neck Surgery Department, The Chaim Sheba Medical Center, Tel Hashomer, Israel, <sup>5</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel

09:30–09:42 **Clinical Characteristics and Outcomes of Thyrotoxicosis in Amiodarone-Treated Individuals with Prior Hypothyroidism**

**Afif Nakhleh**<sup>1,2</sup>, Limor Adler<sup>3,4</sup>, Shirley Shapiro Ben David<sup>3,4</sup>, Daniella Rahamim-Cohen<sup>3</sup>, Ori Liran<sup>3,4</sup>, 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>Health Division, Maccabi Healthcare Services, Tel Aviv, Israel, <sup>4</sup>Faculty of Medicine, Tel Aviv University, Israel

09:42–09:54 **The Impact of Severe Overt Primary Hypothyroidism on Outcomes of Hospitalized Patients with Bacteremia**

**Dor Eldar**<sup>1</sup>, Naftali Gross<sup>2</sup>, Meir Frankel<sup>1</sup>, Eli Ben-Chetrit<sup>3</sup>, Gabriel munter<sup>1</sup>

<sup>1</sup>Endocrinology, Diabetes & Metabolism Unit, Shaare Zedek Medical Center, Hebrew University School of Medicine, <sup>2</sup>Internal medicine Division, Shaare Zedek Medical Center, Hebrew University School of Medicine, <sup>3</sup>Infectious Diseases Unit, Shaare Zedek Medical Center, Hebrew University School of Medicine

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

Hall D

**Gestational Diabetes & Metabolism**

Chairs: **Prof. Hilla Knobler**, **Dr. Alex Gorshtein**

08:30–08:42 **Chronic Intermittent Hypoxia Induces a KLF5-Dependent Shift toward Lipid Oxidation and Glucose Intolerance**

**Eden Engal**<sup>1,2</sup>, Hadas Masury-David<sup>2</sup>, Naama Lopiansky<sup>1,2</sup>, Shirel Fradkov<sup>1,2</sup>, Liran Brodsky<sup>1,2</sup>, Saja Baraghithy<sup>6</sup>, Joseph Tam<sup>6</sup>, Xue Sun<sup>3</sup>, Oren Ram<sup>3</sup>, Asaf Marco<sup>4</sup>, Rinat Abramovitch<sup>1,2</sup>, Alex Gileles-Hillel<sup>1,5</sup>

<sup>1</sup>Faculty of Medicine, Hebrew University of Jerusalem, <sup>2</sup>The Wohl Institute for Translational Medicine, Hadassah Medical Center, <sup>3</sup>Silberman Institute of Life Sciences, Hebrew University of Jerusalem, <sup>4</sup>Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem, <sup>5</sup>The Wohl Institute for Translational Medicine; Department of Pediatrics, Hadassah Medical Center <sup>6</sup>Obesity and Metabolism Laboratory, School of Pharmacy, Faculty of Medicine, the Hebrew University of Jerusalem

- 08:42–08:54 **A Pilot Randomized Controlled Trial of Low–Versus Standard– Carbohydrate Diets in Women with Gestational Diabetes Mellitus: Effects on Maternal Ketone Levels, Glycemic Control, and Obstetric Outcomes**  
Kim Goldberg–Politzer<sup>1</sup>, Assaf Buch<sup>2,3</sup>, Tomer Avnon<sup>4,5</sup>, Shiraz Vered<sup>6</sup>,  
Roni Elran–Barak<sup>1</sup>, Daniela Saunyan<sup>2,3</sup>, Roy Eldor<sup>3,4</sup>, Yariv Yogev<sup>4,5</sup>,  
**Marianna Yaron<sup>3,4</sup>**  
<sup>1</sup>School of Public Health, University of Haifa, Haifa, Israel, <sup>2</sup>Department of Nutritional Sciences, School of Health Sciences, Ariel University, Ariel, Israel,  
<sup>3</sup>Institute of Endocrinology, Diabetes, Metabolism, and Hypertension, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel, <sup>4</sup>Gray Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel, <sup>5</sup>Lis Hospital for Women's Health, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel,  
<sup>6</sup>Department of Statistics, University of Haifa, Haifa, Israel
- 08:54–09:06 **The Association Between CGM Derived Glycemic Control Measures at Different Gestational Periods Among Women with Pregestational T1D and the Risk of LGA**  
**Yael Keler<sup>1</sup>**, Tali Cukierman–Yaffe<sup>1</sup>  
Institute of Endocrinology and Diabetes, Sheba Medical Center
- 09:06–09:18 **Paternal Ketogenic Diet Programs Offspring Liver Metabolism and Physical Activity**  
**Miri Stolovich–Rain<sup>1</sup>**, Jamie Magrill<sup>1</sup>, Saja Baraghithy<sup>2</sup>,  
Rachel Ben–Haroush Schyr<sup>1</sup>, Elad Ben–Cnaan<sup>2</sup>, Evgenia Volinsky<sup>3</sup>,  
Danny Ben–Zvi<sup>1</sup>, Benjamin Glaser<sup>4</sup>, Joseph Tam<sup>2</sup>, Yuval Dor<sup>1</sup>  
<sup>1</sup>Faculty of Medicine, Department of Developmental Biology and Cancer Research, Hebrew University of Jerusalem, Institute for Medical Research Israel–Canada, <sup>2</sup>School of Pharmacy, Obesity and Metabolism Laboratory, Hebrew University of Jerusalem, Institute for Drug Research, <sup>3</sup>Endocrinology and Fertility lab, Shaare Zedek Medical Center, <sup>4</sup>Endocrinology and Metabolism Service, Hadassah University Hospital
- 09:18–09:30 **Overweight, Obesity, and All–Cause Illness–Attributed Workdays Loss in a Nationwide Cohort of 481,067 Young Adults**  
**Bar Lossos<sup>1,3</sup>**, Bar Weinstein<sup>1,2</sup>, Jacob Megreli<sup>1,3</sup>, Ma'ayan Shaked<sup>1,3</sup>,  
Zivan Beer<sup>1,3</sup>, Doron Yaya–Stupp<sup>1,3</sup>, Meir Schechter<sup>1,4</sup>  
<sup>1</sup>Medical Data Research Institute, Israel Defense Forces Medical Corps, Tel HaShomer, Ramat Gan, Israel, <sup>2</sup>School of Mathematical Sciences, Tel Aviv University, Tel Aviv, Israel, <sup>3</sup>Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel, <sup>4</sup>Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem, Israel

09:30–09:42 **A Biphasic Fetal Growth Response to Maternal Diabetes is Driven by Fetal  $\beta$ -Cell Plasticity and Reshaped by a Ketogenic Diet**  
**Omer Cohenshtam**<sup>1</sup>, Aharon Helman<sup>1</sup>, Amnon Zung<sup>1</sup>  
Department of Biochemistry, Food Science and Nutrition, Robert H. Smith Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem, Rehovot, Israel

08:30–10:00 **Parallel Sessions – Abstracts** Hall H  
**Type 2 Diabetes**  
Chairs: **Prof. Amir Tirosh** **Dr. Hadar Duskin–Bitan**

08:30–08:42 **Epigenetic Adaptation of Beta Cells Across Lifespan and Disease: Age-Related Demethylation is Advanced in Type 2 Diabetes**  
**Dana Avrahami Tzfat**<sup>1</sup>, Elisabetta Manduchi<sup>2,3</sup>, H  l  ne C. Descamps<sup>2,3</sup>, Klaus H. Kaestner<sup>2,3</sup>, Jinping Liu<sup>2,3</sup>, Jonathan Schug<sup>2,3</sup>, Benjamin Glaser<sup>4</sup>, Ali Najji<sup>5</sup>  
<sup>1</sup>Department of Developmental Biology and Cancer Research, Hadassah Medical school, Hebrew University, Jerusalem, Israel, <sup>2</sup>Institute of Diabetes, Obesity, and Metabolism, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, <sup>3</sup>Department of Genetics, University of Pennsylvania, Philadelphia, PA, <sup>4</sup>Department of Endocrinology and Metabolism, Hadassah Medical Center, Faculty of Medicine, Hadassah Medical Center, Hebrew University of Jerusalem, Israel, <sup>5</sup>Department of Surgery and Institute for Diabetes, Obesity, and Metabolism, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA

08:42–08:54 **Beta Cells Intrinsically Sense and Limit Their Secretory Activity via mTORC1–RhoA Signaling**  
**Saar Krell**<sup>1</sup>, Aharon Helman<sup>1</sup>  
The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem

08:54–09:06 **Explainable AI for Personalized Prediction of Adherence to Drug Therapy in People with Type 2 Diabetes: A Nationwide Retrospective Cohort**  
**Michal Kasher Meron**<sup>1,2</sup>, Riad Taher<sup>3,4</sup>, Adi Berliner<sup>4</sup>, Eitan Bachmat<sup>5</sup>, Doron Levinson<sup>5</sup>  
<sup>1</sup>Endocrinology, Meir Medical Center, <sup>2</sup>Gray Faculty of medical and Health Sciences, Tel Aviv University <sup>3</sup>Endocrinology, Rambam Medical Center, <sup>4</sup>Clalit Health Services, <sup>5</sup>Department of Computer Science, Ben-Gurion University

09:06–09:18

### **Intensive Versus Conventional Hyperglycemic Control in Hospitalized Non-Critically Ill Patients, a Multicenter, Randomized Control Trial**

**Irit Ayalon–Dangur**<sup>1,2</sup>, Michal Michaelis<sup>3</sup>, Irina Genin<sup>4</sup>, Maya Arlyuk<sup>4</sup>, Tzippy Shohat<sup>5</sup>, Lichay Kaufman<sup>4</sup>, Noam Shira Darnell<sup>4</sup>, Tal Shapira<sup>6</sup>, Leonard Leibovici<sup>2,7</sup>, Yaron Rudman<sup>1,2</sup>, Maly Keler<sup>8</sup>, Ronit Koren<sup>2,8</sup>, Jen Hojman<sup>8</sup>, Mogher Khamaisi<sup>9</sup>, Said Darawshi<sup>9,10</sup>, Marco Bertolotti<sup>11</sup>, Yonatan Shneor Patt<sup>12</sup>, Ran Abuhasira<sup>13,14</sup>, Idit F Liberty<sup>14,15</sup>, Nuphar Vinegrad<sup>14,15</sup>, David Fischer<sup>14,15</sup>, Kim Ben Tikva Kagan<sup>16</sup>, Alon Grossman<sup>2,4</sup>

<sup>1</sup>Institute of Endocrinology, Rabin Medical Center, Beilinson Campus, Petah Tikva, Israel, <sup>2</sup>Gray Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel, <sup>3</sup>Department of Internal Medicine E, Rabin Medical Center, Petah Tikva, Israel, <sup>4</sup>Department of Internal Medicine B, Rabin Medical Center, Petah Tikva, Israel, <sup>5</sup>Bio–statistical institute, Rabin Medical Center, Beilinson Campus, Israel, <sup>6</sup>Department of Internal Medicine D, Rabin Medical Center, Petah Tikva, Israel, <sup>7</sup>Research Authority, Rabin Medical Center, Beilinson Hospital, Petah–Tikva, Israel, <sup>8</sup>Department of Internal Medicine A, Shamir Medical Center, Zerifin, Israel, <sup>9</sup>Clalit health services, north district, Israel, <sup>10</sup>Department of Internal Medicine D, Rambam Health Care Campus, Haifa, Israel, <sup>11</sup>Department of Biomedical, Metabolic and Neural Sciences, Unit of Geriatric Medicine University of Modena and Reggio Emilia, University Hospital of Baggiovara, Modena, Italy, <sup>12</sup>Department of Internal Medicine B, Sheba Medical Center, Tel–Hashomer, Israel, <sup>13</sup>Clinical research center, Soroka University Medical Center, Beer–Sheva, Israel, <sup>14</sup>Faculty of health sciences, Ben Gurion University of The Negev, Beer–Sheva, Israel, <sup>15</sup>Diabetes Clinic, Soroka University Medical Center, Beer–Sheva, Israel, <sup>16</sup>Department of Internal Medicine A, Rabin Medical Center, Petah Tikva, Israel

09:18–09:30

### **Neurodegeneration Onset with Glucagon–Like Peptide–1 Receptor Agonists in People with Type 2 Diabetes: Aa Real–World Multinational Cohort Study**

**Meir Schechter**<sup>1,2</sup>, Alisa Fishkin<sup>1,2</sup>, Ofri Mosenzon<sup>2,3</sup>, Dvora R Sehtman–Shachar<sup>1,2</sup>, Tali Cukierman–Yaffe<sup>4,5</sup>, 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, Israel, <sup>2</sup>Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel, <sup>3</sup>Regeneron Pharmaceuticals Inc., New York, New York, USA, <sup>4</sup>Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel, <sup>5</sup>Department of Epidemiology and Preventive Medicine, School of Public Health, Dear Gray Faculty of Medical and Health Sciences, Tel–Aviv University, Tel Aviv, Israel

09:30–09:42 **Delayed Puberty and Type 2 Diabetes Risk**

Orit Pinhas–Hamiel<sup>1,2</sup>, Maya Simchoni<sup>3,4</sup>, Estela Derazne<sup>5</sup>, Cole D. Bendor<sup>4,5</sup>, Avishai M. Tsur<sup>5,6</sup>, Adi Vinograd<sup>7,8</sup>, Miri Lutski<sup>7,8</sup>, Inbar Zucker<sup>5,9</sup>, Vibha Singhal<sup>10</sup>, Hertz C. Gerstein<sup>11</sup>, Arnon Afek<sup>12</sup>, Amir Tirosh<sup>5,13</sup>, **Gilad Twig**<sup>13,14</sup>

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09:42–09:54 **Association Between Adherence to Inpatient Diabetes Care Guidelines and Hospitalization Complications: A Multicenter Real–World Study**

**Shahar Oded**<sup>1</sup>, Yuval Shahar<sup>1</sup>, Erez Shalom<sup>1</sup>, Amir Bashkin<sup>2,3</sup>, Leonard Saig<sup>4,5</sup>, Dror Cantrell<sup>6</sup>, Irit Wirsansky<sup>7</sup>, Muhamad Badarne<sup>2,8</sup>, Irena Barash<sup>9</sup>, Avivit Cahn<sup>10,11</sup>, Irit Hochberg<sup>4,7</sup>

<sup>1</sup>Medical Informatics Research Center, Ben Gurion University, Be'er Sheva, Israel, <sup>2</sup>Azrieli Faculty of Medicine, Bar–Ilan University, Safed, Israel, <sup>3</sup>Endocrinology and Diabetes unit, Galilee Medical Center, Naharia, Israel, <sup>4</sup>Bruce Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel, <sup>5</sup>Endocrinology Institute, Bnai Zion Medical Center, Haifa, Israel, <sup>6</sup>Internal Medicine Department C, Shamir Medical Center, Be'er Ya'akov, Israel, <sup>7</sup>Endocrinology Unit, Hillel Yaffe Medical Center, Hadera, Israel, <sup>8</sup>Endocrinology and Diabetes Service, Tzafon Medical Center, Ramat Poriya, Israel, <sup>9</sup>Internal Medicine C, Barzilai Medical Center, Ashkelon, Israel, <sup>10</sup>Internal Medicine Department A, Hadassah Ein Kerem, Jerusalem, Israel, <sup>11</sup>Faculty of Medicine, Hadassah Hebrew University Hospital, Jerusalem, Israel

10:00–10:30	<b>Coffee Break &amp; Visit at the Exhibition</b>	Foyer
10:30–11:15	<b>Parallel Sessions 3 – Sex Hormones</b> Chairs <b>Dr. Gal Omry, Dr. Sigal Shaklai</b>	Hall A
10:30–10:55	<b>Physiology of Menopause and Puberty from Millions of Lab Tests</b> <b>Prof. Uri Alon</b>   The Weizmann Institute of Science, Rehovot	
10:55–11:15	<b>Gender–Affirming Medicine in Israel, 2026</b> <b>Dr. Iris Yaish</b>   Director, Transgender Health Center, Tel Aviv Medical Center	
10:30–11:15	<b>Parallel Sessions 3 – Neuroendocrine Tumors</b> Chairs: <b>Prof. Simona Glasberg, Dr. Nariman Saba Khazen</b>	Hall B
10:30–10:55	<b>Neuroendocrine Tumors in Women: Special Considerations During Pregnancy</b> <b>Prof. Martyn Caplin</b>   DM FRCP, Professor of Gastroenterology & Neuroendocrine Cancer, Royal Free Hospital, London	
10:55–11:15	<b>GLP–1 Receptor Agonists and Neuroendocrine Tumors: Navigating Risk in Clinical Practice</b> <b>Dr. Orit Twito</b>   Head of Endocrinology and Diabetes Unit, Wolfson Medical Center, Holon <b>Dr. Anat Bel Ange</b>   Neuroendocrine Tumor Unit, ENETS Center of Excellence, Hadassah Medical Center, Jerusalem	
10:30–11:15	<b>Parallel Sessions 3 – Diabetes–What are the Big Questions in Basic Research?</b> Chair: <b>Dr. Ron Piran</b>	Hall D
10:30–10:55	<b>Panel: What are the Big Questions in the Basic and Translational Diabetes Research?</b> Moderator: <b>Dr. Ron Piran</b>   The Azrieli Faculty of Medicine, Bar–Ilan University, Israel <b>Prof. Klaus Kaestner</b>   School of Medicine, University of Pennsylvania, Philadelphia, PA, USA <b>Prof. Gil Leibowitz</b>   Hadassah Diabetes Unit, Department of Endocrinology, Hadassah Medical Center, Jerusalem <b>Prof. Yuval Dor</b>   Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem <b>Dr. Nadav Sharon</b>   Faculty of Biology, Technion, Israel institute of technology, Haifa <b>Prof. Limor Landsman</b>   Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv	

10:55–11:15 **Mapping the Battlefield of Autoimmune Diabetes, One Islet at a Time**  
**Dr. Nadav Sharon** | Faculty of Biology, Technion, Israel Institute of Technology, Haifa

11:20–12:05 **Plenary Session 3** Hall B  
Chair: **Prof. Amit Tirosh**

11:20–12:05 **Advances in Neuroendocrine Tumors**  
**Prof. Martyn Caplin** | DM FRCP, Professor of Gastroenterology & Neuroendocrine Cancer, Royal Free Hospital, London

12:05–13:00 **Parallel Sessions 4 – Hot Topics in Endocrinology** Hall A  
Chairs: **Dr. Shlomit Koren, Dr. Lior Tolkin**

12:05–12:20 **Recent Updates in Adrenal Diseases**  
**Dr. Mohammad Sheikh-Ahmad** | Institute of Endocrinology, Bnai Zion Medical Center, Israel. The Ruth and Bruce Rappaport Faculty of Medicine, Technion, Haifa

12:20–12:40 **Milestones and Recent Breakthroughs in the Treatment of Elevated Triglycerides**  
**Dr. Hofit Cohen** | Lipid service director, The Bert W. Strassburger Lipid Center, Sheba Medical Center, Tel-Hashomer, Israel. Gray School of Medical Sciences, Gray Faculty of Medical and Health Sciences, Tel Aviv University

12:40–13:00 **Social Physiology: Glucose Homeostasis is More Efficient in Social Proximity**  
**Prof. Shir Atzil** | Department of Psychology, The Hebrew University of Jerusalem, Jerusalem

12:05–13:00 **Parallel Sessions 4 – Obesity: Childhood and Adults** Hall B  
Chair: **Prof. Avivit Chan**

12:05–12:35 **Panel: Does History of Obesity Affect Obesity Treatment?**  
Moderator: **Prof. Avivit Chan**  
**Prof. Gilad Twig** | The Division of Endocrinology Diabetes and Metabolism, Sheba Medical Center, Ramat Gan  
**Dr. Liya Kerem** | Pediatric Endocrinology Unit, Head of the Multidisciplinary Clinic for Childhood and Adolescent Obesity, Hadassah Medical Center, The Hebrew University of Jerusalem, Jerusalem  
**Dr. Zvi Perry** | Senior Surgeon and Professor of Surgery, The bariatric Unit, and the surgical research unit, Department of General Surgery A, Soroka University Medical Center, Beer-Sheva

12:35–13:00 **Regulatory Measures to Reduce Obesity**  
**Dr. Irit Hochberg** | Endocrinology Unit, Hillel Yaffe Medical Center, Hadera

13:05–13:50 **Satellite Lunch's & visit at the Exhibition**

13:05–13:50 **Satellite Lunch – The Pancreas at the Metabolic Crossroads: The Interplay Between Diabetes, Obesity, and Digestive Enzymes** Hall H  
Sponsored by: **Abbott**

**This Session Highlights the Pancreas as a Central Hub Connecting Diabetes, Obesity, Bariatrics, and Advanced Pharmacologic Treatments with Exocrine Function. We will Explore how Pancreatic Exocrine Insufficiency Shape Metabolic Outcomes, Influence Patient Symptoms, and Affect Treatment Success**

**Dr. Idit Dotan** | Head of Diabetes Unit, Head of the Multidisciplinary Center for Obesity Treatment and the Bariatric Surgery Unit, Rabin medical Center, Beilinson campus

**Dr. Liat Barzilay–Yoseph** | Specialist in Internal Medicine, Endocrinology and Diabetes, Endocrinology Unit, Meir Medical Center

**Ms. Rotem Rafaeli** | Dietitian Specializing in Bariatrics and Obesity Treatment, the Multidisciplinary Center for Obesity Treatment and the Bariatric Surgery Unit, Rabin medical Center, Beilinson Campus

13:05–13:50 **Satellite Lunch – Visualizing the Invisible–Imaging Strategies to Detect and Manage Subclinical Atherosclerosis** Hall I  
Sponsored by: **Sanofi**

**Visualizing the Invisible–Imaging Strategies to Detect and Manage Subclinical Atherosclerosis**

**Prof. Alon Eisen** | Deputy Director Cardiology Department Rabin Medical Center

13:05–13:50 **Satellite Lunch – OSA Beyond the Airway: Cardiometabolic Insights and Clinical Integration in Obesity Care** Hall J  
Sponsored by: **Eli Lilly**

13:05–13:30 **Metabolic Implication of OSA and its Treatment**

**Prof. Avivit Cahn** | Director, Internal Medicine Department A, Hadassah Ein Kerem. Chair, National Council of Diabetes and Obesity. Chair, Israeli Diabetic Foot and Wound Healing Society

13:30–13:50 **The Obesity, Sleep Apnea and Cardiovascular Axis**

**Prof. Avishay Grupper** | Director of the Heart Failure Unit, Shamir Medical Center

13:50–14:20 **Posters Exhibition & Lunch** Foyer

14:20–15:05 **Plenary Session 4** Hall B  
Chair: **Dr. Uri Yoel**

14:20–15:05 **The Landscape of Treatment of Thyroid Eye Disease**  
**Prof. George Kahaly** | Professor of Medicine and Endocrinology/Metabolism  
Johannes Gutenberg University (JGU) Medical Center. Department of  
Medicine I ORPHAN Disease Center for Graves' Orbitopathy and  
Autoimmune Polyendocrinopathy Member, JGU Research Center for  
Immunotherapy, Mainz, Germany

15:05–17:15 **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, Israel  
**Prof. Amit Akirov** | Endocrine Institute, Rabin Medical Center, Petah-Tikva;  
Secretary of the Israel Endocrine Society

15:05–15:20 **Updates from Last Year's IES Research Grants Awardees**  
**Dr. Anat Bel-Ange, Dr. Alena Kirzhner**

15:20–15:30 **The Chowers Award** | **Dr. Regev Landau**

15:30–15:50 **The Lindner Award** | **Prof. Danny Ben-Zvi**

15:50–16:10 **Best Mentors Award** | **Dr. Yoel Toledano, Prof. Yehiel Zick**

16:10–16:20 **Best Community Physician Award** | **Dr. Ahmad Khatib**

16:20–16:30 **The Uri Liberman Award for Life Long Achievement** | **Prof. Yael Levy-Shraga**

16:30–16:40 **The Uri Liberman Award in Bone and Minerals Research for Young  
Researchers** | **Dr. Michal Kasher Meron**

16:40–16:50 **Best Abstracts**

16:50–17:05 **Closing Remarks**

17:20–18:20 **Introduction Meeting only for Participants of the Exam Preparation  
Course (Room 5)**  
**Dr. Hadar Duskin Bitan | Dr. Amir Bashkin**

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