



הכנס המדעי ה-53
האגודה
הישראלית
לאנדוקרינולוגיה

27-28.4.2025

מלון דיוויד אינטרקונטיננטל | תל-אביב

SCIENTIFIC PROGRAM

Sunday, April 27, 2025

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

Foyer

08:30-10:00 **Parallel Sessions - Abstracts
T12DM & T2DM**

Hall A

- 08:30-08:42 **Glp1 Analogues and the Risk of Pancreatitis in Patients with History of Pancreatitis or Elevated Pancreatic Enzymes**
Dr. Bronya Calvarysky^{1,2}, Ms. Yaara Gal^{1,2}, Ms. Shiri Kushnir³, Dr. Adi Turjeman^{3,4}, Ms. Tzippy Shochat⁵, Dr. Idit Dotan^{4,6}, **Talia Diker Cohen^{4,6}**
¹Pharmacy, Rabin Medical Center, Beilinson Hospital, Israel
²Faculty of Medicine, The Hebrew University of Jerusalem, Israel
³Research Authority, Rabin Medical Center, Beilinson Hospital, Israel
⁴Faculty of Medicine, Tel Aviv University, Israel
⁵Statistical Consulting Unit, Rabin Medical Center, Beilinson Hospital, Israel
⁶Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Hospital, Israel
- 08:42-08:54 **Pancreatic Pericytic Hgf Expression is Necessary for Glucos Regulation**
Shani Puyesky¹
Department of Cell and Developmental Biology, Tel Aviv University
- 08:54-09:06 **Transcriptional Cascades During Fasting Amplify Gluconeogenesis and Instigate a Secondary Wave of Ketogenic Gene Transcription**
Dana Goldberg Cazes¹, Ms. Nufar Buchshtab¹, Dr. Meital Charni-Natan¹, Dr. Ido Goldstein¹
Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Israel
- 09:06-09:18 **Heterogeneity of Alpha Cells in Type 1 Diabetes Revealed by Foundation Models**
Haya Benhayon¹, Dr Michael M Danziger², Prof. Danny Ben-Zvi^{1,3}, Prof. Michal Rosen-Zvi²
¹Developmental Biology and Cancer Research, Institute of Medical Research Israel-Canada, the Hebrew University-Hadassah Medical School, Israel
²IBM Research, Israel
³Faculty of Medicine, the Hebrew University, Israel
- 09:18-09:30 **Beta Cells as Forecasters: Can Beta Cells Anticipate Future Blood Glucose Levels?**
Doron Kleiman¹, Ms. Sarah Knapp¹, Ms. Itia Magenheimer¹, PhD Rachel Schyr¹, Prof. Danny Ben-Zvi¹
Institute For Medical Research, Israel-Canada, The Hebrew University of Jerusalem, Israel
- 09:30-09:42 **Novel Insights Regarding Relation of Glycemic Excursions and Concomitant Neurocognitive Function, Sleep Macro- and Micro-Architecture, and White Matter Integrity, Among Adolescents with Type 1 Diabetes**
Dr. Edna Litmanovitch^{1,2}, Ms. Avital Leshem², Ms. Mirit Lezinger³, Dr. Dana Blatch^{4,5}, Dr. Eli Heyman^{3,6}, Prof. Ronny Geva¹, Mr. Maor Gidron¹, Dr. Jessica Yarmolovsky¹, Ms. Efrat Sasson⁷, Dr. Sigal Tal^{6,7}, Dr. Caroline Weill^{4,5}, Dr. Mordechay Medvedovsky^{4,5}, Prof. Ekstein Dana^{4,5}, **Marianna Rachmiel^{2,6}**



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⁶School of Medicine, Tel Aviv University, Israel

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

09:42-09:54 **Dissecting Glucagon`s Multifaceted Impact on Hepatic Mitochondria**

Ms. Naama Miron¹, Mr. Yuval Adar¹, Kfir Sharabi¹

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

08:30-10:00 **Parallel Sessions – Abstracts**
Pituitary & Adrenal

Hall B

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

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

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

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

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

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

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

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

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

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

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

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- 09:06-09:18 **Predictors of cancer in patients with endogenous Cushing`s syndrome**
Yaron Rudman^{1,2}, Dr. Genady Drozdinsky^{2,3}, Dr. Hiba Masri-Iraqi^{1,2}, MSc Tzippy Shochat⁴,
 BSc Shiri Kushnir⁵, Dr. Ilan Shimon^{1,2}, Dr. Maria Fleseriu⁶, Dr. Amit Akirov^{1,2}
¹Institute of Endocrinology, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel
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³Infectious Diseases Unit, Rabin Medical Center, Petah Tikva, Israel
⁴Biostatistics Unit, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel
⁵Research Authority, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel
⁶Pituitary Center, Departments of Medicine and Neurological Surgery, Oregon Health & Science
 University, Portland, OR, USA
- 09:18-09:30 **Disruption of The Developmental Factor Otp in the Adult Forebrain Reveals its Diverse
 Physiological Functions**
Yael Kuperman¹, Dr. Maayan Tahor¹, Ms Tali Nahum¹, Ms. Batya Bejar¹, Prof. Alon Chen¹,
 Prof. Gil Levkowitz¹
 Weizmann Institute of Science
- 09:30-09:42 **Genotype-Specific Androgen Levels in a Cohort of Subjects with Non-Classic Congenital
 Adrenal Hyperplasia (NCCAH)**
Dr. Demelza Fransis¹, Prof. Naomi Weintrob¹, Dr. Rebeca Kabbash¹, Dr. Moran Farhat¹,
 Dr. Hussein Magdoub², Dr. Hannah Ludar², Dr. Shira London², Dr. Inbal Halabi², Dr. Keren Cohen²,
 Mrs. Nili Stein³, Dr. Anat Segev⁴, Ilana Koren²
¹Pediatrics, Clalit Health Services, Haifa Israel
²Pediatric Endocrinology, Clalit Health Services, Israel
³Statistics, Clalit Health Services, Haifa Israel
⁴Pediatric Endocrinology, Tel Aviv Medical Center, Haifa Israel
- 09:42-09:54 **Prevalence of Familial Pheochromocytoma and Paraganglioma Syndromes – A Large
 Multicenter Study**
Reut Halperin^{1,2}, Ms. Gili Reznick-Levi³, Ms. Ayat Khalaileh³, Ms. Roni Svirsky-Frayden⁴,
 Prof. Orit Reish^{2,4}, Prof. Karin Weiss^{3,5}, Prof. Amit Tirosh^{2,6}
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²Medicine, Tel Aviv University, Israel
³Genetics Institute, Rambam Health Care Campus, Israel
⁴Genetics Institute, Shamir Medical Center, Israel
⁵Medicine, Technion-Israel Institute of Technology, Israel
⁶Endocrinology, diabetes, Sheba Medical Center, Israel

08:30-10:00 **Parallel Sessions – Abstracts**
Bone & Genetics

Hall C

- 08:30-08:42 **Low Bone Density in Young Lung Transplant Recipients - A Retrospective Study**
 Dr. Aviva Lerman¹, Dr. Osnat Shtraichman^{1,2}, Dr. Yaron Rudman^{1,3}, Dr. Gloria Tsvetov^{1,3},
Talia Diker Cohen^{1,3}
¹Faculty of Medicine, Tel Aviv University, Israel
²Pulmonary Institute, Rabin Medical Center, Beilinson Hospital, Israel
³Institute of Endocrinology, Diabetes and Metabolism, Rabin Medical Center, Beilinson Hospital, Israel



- 08:42-09:06 **GLP-1 Receptor Agonists and Risk of Bone Fractures in Elderly People with Type 2 Diabetes**
Dr. Michal Kasher Meron^{1,2}, Prof. Gilad Twig^{3,4,5}, Dr. Tzipi Hornik-Lurie⁶, Prof. Pnina Rotman-Pikielny^{1,2}
¹Department of Endocrinology, Meir Medical Center, Kfar Saba
²School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv
³Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan
⁴The Gertner Institute for Epidemiology and Health Policy Research, Sheba Medical Center, Ramat Gan
⁵School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv
⁶Research Unit, Meir Medical Center, Kfar Saba
- 09:06-09:18 **RET Lys666Asn has Low MEN2-Related Tumors Penetrance, but May be Associated with Pheochromocytoma**
Reut Halperin¹, Dr. Naama Peshes-Yaloz¹, Prof. Amit Tirosh¹, Dr. Orit Twito²
¹Endocrinology, diabetes and metabolism, Sheba Medical Center, Israel
²Endocrinology and diabetes, Wolfson Medical Center, Israel
- 09:18-09:30 **Risk of Atypical Femoral Fractures among Osteoporotic Patients on Denosumab Treatment in Real-life Setting: A Population-Based Study**
Uri Goldwaser¹, Dr. Uri Yoel², Dr. Liana Tripto-Shkolnik³, Prof. Merav Fraenkel^{1,2}
¹Goldman School of Medicine, Faculty of Health Sciences, Ben-Gurion University of the Negev, Be'er-Sheva, Israel
²Endocrine unit, Soroka University Medical Center, Be'er-Sheva, Israel
³Mineral and Bone Diseases Service, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel-Hashomer, Israel
- 09:30-09:42 **The Impact of a Fracture Liaison Service with in-Hospital Anti-Osteoporosis Treatment on Subsequent Hip Fracture and Mortality Rates-A Single-Center Retrospective Study**
Dr. Uri Yoel^{1,2}, Dr. Hadar Alkobi Weiss², Dr. Adi Goldbart³, Prof. Ethel Silverman Siris⁴, Dr. David Louis Fisher^{1,2}, Dr. Lior Hassan^{2,3}, Prof. Merav Fraenkel^{1,2}
¹Endocrinology, Soroka University Medical Center, Israel
²Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel
³Clinical Research Center, Soroka University Medical Center, Israel
⁴Department of Medicine, Toni Stabile Osteoporosis Center, Columbia University Medical Center, New York, USA
- 09:42-09:54 **Documentation of Osteoporosis Diagnosis Following a Hip Fracture in a Tertiary Hospital**
Yehudit Eden-Friedman^{1,2,3}, Ms. Alla Lizeachin⁴, Mr. Slava Gezunterman⁴, Dr. Alon Friedlander^{2,4}, Ms. Liat Toderis⁵, Ms. Lena Zac⁶, Dr. Liana Tripto-Shkolnik^{1,2}
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³Internal Medicine ward E, Sheba Medical Center, affiliated with the, School of Medicine, Tel Aviv University, Tel Hashomer
⁴Department of Orthopedic Surgery, Chaim Sheba Medical Center, Tel Hashomer
⁵ADAMS Center, Sheba Medical Center, Tel Hashomer
⁶MDCLONE, ADAMS Center, Sheba Medical Center, Tel Hashomer



09:54-10:06 **The Israeli Wolfram Syndrome Registry: A Unique Phenotypic Landscape**

Dr. Noga Minsky⁴, Dr. Tal Kedar², Prof. Lior Greenbaum³, Dr. Hagit Shani⁴, Dr. Eve Stern², Prof. Ruth Huna-Baron⁵, Dr. Uri Yoel⁶, Dr. Merav Fraenkel⁶, Ms. May Miron⁷, Dr. Idit Dotan⁸, Prof. Yael Goldberg⁹, Dr. Nurit Assia Batzir¹⁰, Dr. Liat Barzilai-Yosef¹¹, Dr. Carmit Arnon Ziv¹², Mr. Gal Kojukhov¹³, Dr. Ilana Koren¹⁴, Dr. Inbal Halavi¹⁴, Prof. Avivit Cahn¹⁵, Dr. Genya Aharon-Hananel¹⁵, Prof. Orit Pinhas Hamiel², Dr. Odelia Chorin³

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¹⁴Clalit Health Services, Israel

¹⁵Diabetes Unit, Hadassah Hebrew University Hospital, Israel

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

Foyer

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

Hall B

Prof. Merav Fraenkel | President, Israel Endocrine Society, Head of Endocrine Service, Soroka University Medical Center, Faculty of Health Science, Ben-Gurion University of the Negev, Beer-Sheva

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

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

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

Hall B

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

10:50-11:35 **Advances in Diagnosis and Management of Delayed and Absent Puberty**

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



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

Hall A

Chairs: **Prof. Amit Tirosh** | Head, Neuroendocrine Oncology Unit and Endocrine Neoplasia Translational Research Center (ENTIRE), Tel Aviv University Faculty of Medicine and Sheba Medical Center

Dr. Yotam Drier | The Lautenberg Center for Immunology and Cancer Research. IMRIC Institute for Medical Research, Faculty of Medicine, Hebrew University of Jerusalem

Dr. Michal Yacobi Bach | Head of the Endocrine, Genetics service, Endocrine institute, Genetics institute, Sourasky medical center

11:45-12:05 **The Approach to Molecular Diagnosis in Endocrine Tumor Syndromes**

Dr. Michal Yacobi Bach | Head of the Endocrine, Genetics service, Endocrine institute, Genetics institute, Sourasky Medical Center

12:05-12:25 **Updates in Familial Hyperparathyroidism Syndromes**

Dr. Reut Halperin | ENTIRE - Endocrine Neoplasia Translational Research Center, Center for Endocrinology, Diabetes and Metabolism, the Chaim Sheba Medical Center, Tel Hashomer; Faculty of Medicine, Tel Aviv University, Tel Aviv

12:25-12:45 **Needle in a Haystack: when to Think About Carney Complex in a Patient with Endocrine or Non-Endocrine Tumors**

Prof. Jerome Bertherat | Hopital Cochin, Université Paris Cité, Paris, France

11:45-12:45 **Parallel Session 1 - The Changing World of Metabolic Bone Disease**

Hall B

Chairs: **Prof. Tally Naveh** | Faculty of Medicine, Hebrew University of Jerusalem

Prof. Pnina Rotman-Pikielny | Head, Endocrine Institute, Meir Medical Center, Kfar Saba. Chair, Israel Osteoporosis Foundation

11:45-12:05 **The Changing Appearance of Paget's Disease of Bone**

Prof. Vanessa Rouach | Bone and Mineral Diseases Clinic, Head Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center

12:05-12:25 **The Calcium-Sensing Receptor Inhibitor Encaleret for the Treatment of Hypoparathyroidism**

Dr. Michael T. Collins | MD, FASBMR, Senior Clinical Advisor, National Institutes of Health

12:25-12:45 **Brittle Bones, Robust Challenges: Endocrine and Global Care in Osteogenesis Imperfecta**

Dr. Auryan Szalit | Internal Medicine Department, Endocrinology & Metabolism Specialist Director of the Osteoporosis Center, Hadassah Medical Center

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

12:45-13:30 **Satellite Lunch - Recent Advances in Cardio-Kidney-Metabolic Syndrome**

Hall H

Sponsored by Novonordisk

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



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

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

12:45-13:30 **Satellite Lunch - Updates on Hypoparathyroidism Management** Hall I

Sponsored by Neopharm

Chair: **Prof. Pnina Rotman-Pikielny** | Head, Endocrine Institute, Meir Medical Center, Kfar Saba. Chair, Israel Osteoporosis Foundation

12:45-13:30 **The Last (Un)met Hormone Deficiency: Updates on Hypoparathyroidism Management**

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

14:05-14:50 **Plenary Session** Hall B

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

14:05-14:50 **Generating Stem Cell Derived Islets for Diabetes Therapy**

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

14:50-15:40 **Parallel Session 2 - Growth Hormone: Basic and Clinical Aspects** Hall A

Chair: **Prof. Haim Werner** | Department of Human Molecular Genetics and Biochemistry, Faculty of Medical and Health Sciences, Tel Aviv University

Prof. Zvi Laron | Director, Endocrinology and Diabetes, Schneider Children's Medical Center

14:50-15:15 **Liver-Specific Deletion of the Growth Hormone Receptor: Implication for Physiology and Pathology of Liver and Bone**

Prof. Mark Sperling, MD | Emeritus Professor and Chair, Dept. of Pediatrics, Children's Hospital, University of Pittsburgh, USA

15:15-15:40 **Excess Growth Hormone and Mortality: Clinical Implications and Long-Term Outcomes**

Prof. Amit Akirov | Endocrine Institute, Rabin Medical Center

14:50-15:40 **Parallel Sessions 2 - Cushing Syndrome: Meet the Expert** Hall B

Chair: **Prof. Simona Glasberg** | Neuroendocrine Tumor Unit, ENETS Center of Excellence, Division of Medicine, Hadassah Medical Organization and Faculty of Medicine, Hebrew University of Jerusalem

Dr. Leonard Saiegh | Endocrinology Unit, Bnai Zion Medical Center, The Ruth and Bruce Rappaport Faculty of Medicine, Technion, Haifa

14:50-15:40 **Adrenal Cushing: from Clinical to Molecular Classification**

Prof. Jerome Bertherat | Hopital Cochin, Université Paris Cité, Paris, France

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



- 16:00-16:07 **Crosstalk Between Pro-Inflammatory Cytokines and Fasting Hormones Affect Hepatic Glucose Production**
Talia Frishman¹, Mrs. Dorin Marciano-Anaki¹, Dr. Ido Goldstein¹
Institute of Biochemistry, Food Science and Nutrition. The Robert H. Smith Faculty of Agriculture, Food and Environment., The Hebrew University of Jerusalem., Israel
- 16:07-16:14 **Glucosamine Mediates Glucotoxicity in Diabetes**
Yael Riahi¹
Department of Endocrinology and Metabolism, Hadassah Medical School, Israel
- 16:14-16:21 **Role of Neonatal Hypoglycemia as a Trigger for Maturation of Pancreatic Beta-Cells**
Ekaterina Novichkova¹, Ms. Nimisha Gupta¹, Ms. Polina Kotova², Dr. Aharon Helman², Prof. Michael Walker¹
¹Biomolecular Sciences, Weizmann Institute of Science, Israel
²The Institute of Biochemistry, Food Science and Nutrition, The Hebrew University of Jerusalem, Israel
- 16:21-16:28 **Pericytic Ccl2 Regulates Islet Macrophages and Beta-Cell Function**
Dunia Ali Naser¹
Department of Cell and Developmental Biology, Faculty of Medical and Health Sciences, Tel Aviv University, Tel Aviv, Israel
- 16:28-16:35 **Impaired RNA Editing in Beta or Alpha Cells Models Differential Sensitivity of these Cell Types in Type I Diabetes**
Liza Zamashanski¹
The Hebrew University of Jerusalem
- 16:35-16:42 **A Double-Edged Sword: Maternal Ketogenic Diet Mitigates Adverse Effects of Gestational Type 1 Diabetes on Offspring, but Increases Sensitivity to Hyperglycemia in Mice**
Itia Magenheim Samuel¹, Prof. Danny Ban-Zvi, Dr. Rachel Ben-Haroush Schyr, Mr. Amit Elad, Mr. Doron Kleiman, Mr. Botros Moalem, Mr. Aviv Halfon
Hebrew University of Jerusalem
- 16:42-16:49 **Impaired Glucose Homeostasis in Telomouse, a Novel Mouse Model with Short-Telomeres**
Moshe Sellam¹, Mrs. Kamil Bar Nes^{1,2}, Dr. Riham Smoom², Mrs. Reut Rifkind^{1,3}, Prof. Benjamin Glaser¹, Prof. Yehuda Tzfati², Dr. Dana Avrahami^{1,3}
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²Department of Genetics, The Silberman Institute of Life Sciences, Safra Campus, The Hebrew University of Jerusalem, Jerusalem, Israel
³Department of Developmental Biology and Cancer Research, Hebrew University-Hadassah Medical School, Jerusalem, Israel



- 16:49-16:56 **Metabolic Determinants of the Diabetogenic Interferon Response in Pancreatic Beta-Cells**
Maya Israeli¹, PhD Shani Peleg¹, Ms. Udi Ehud Knebel¹, Dr. Chunhua Dai², Mr. Roni Cohen-Fultheim³,
 Dr. Benjamin Glaser⁴, PhD, Erez Y. Levanon³, Dr. Alvin C. Powers^{2,5}, PhD Agnes Klochendler¹,
 PhD Yuval Dor¹
¹Faculty of Medicine, The Hebrew University of Jerusalem, Jerusalem
²Vanderbilt University, Nashville, USA
³Bar-Ilan University, Ramat Gan, Israel
⁴Hadassah Medical Center, Hebrew University of Jerusalem, Israel
⁵VA Tennessee Valley Healthcare, Nashville, TN
- 16:56-17:03 **Characterizing the Immune Landscape in a Model for Early-Stage Type 1 Diabetes**
Jonathan Belin¹, Mr. Udi Ehud Knebel¹, Dr. Shani Peleg¹, Ms. Maya Israeli¹, Dr. Miri Stolovich-Rain¹,
 Prof. Alvin C. Powers^{2,3}, Dr. Chunhua Dai², Dr. Heather R. Kates⁴, Dr. Clive H. Wasserfall⁴,
 Dr. MacKenzie Williams⁴, Dr. Ann Fu⁴, Dr. Martha Campbell-Thompson⁴, Prof. Desmond A. Schatz⁴,
 Prof. Benjamin Glaser⁵, Prof. Erez Y. Levanon⁶, Dr. Agnes Klochendler¹, Prof. Yuval Dor¹
¹The Hebrew University of Jerusalem, Jerusalem, Israel
²Vanderbilt University Medical Center, Nashville, TN, USA
³VA Tennessee Valley Healthcare, Nashville, TN, USA
⁴College of Medicine, University of Florida, Gainesville, FL, USA
⁵Hadassah Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel
⁶Bar-Ilan University, Ramat Gan, Israel
- 17:03-17:10 **Beneficial Islet Inflammation in Health Depends on Pericytic TLR/MyD88 Signaling**
Anat Schonblum¹, Ms. Dunia Ali-Naser¹, Mr. Shai Ovadia²
¹Department of Cell and Development Biology, Faculty of Medical and Health Sciences,
 Tel Aviv University, Tel Aviv, Israel
²Department of Human Molecular Genetics and Biochemistry, Faculty of Medical and Health
 Sciences and Sagol School of Neuroscience, Tel Aviv University, Tel Aviv, Israel
- 17:10-17:17 **Gestational Diabetes Mellitus Disrupts Placental Splicing**
Adi Gershon¹, MD-PhD student Eden Engal¹, Dr. Aveksha Sharma
 Department of Biochemistry and Molecular Biology, The Institute for Medical Research
 Israel-Canada, Faculty of Medicine, The Hebrew University of Jerusalem
- 17:17-17:24 **Chronic Intermittent Hypoxia Induces a shift towards Lipid-Dominant Metabolism and Glucose Intolerance: A Multi-Omic Analysis**
Eden Engal¹, Dr. Hadas Masury-David², Prof. Joseph Tam³, Ms. Xue Sun⁴, Dr. Oren Ram⁴,
 Dr. Asaf Marco⁵, Prof. Rinat Abramovitch², Dr. Alex Gileles-Hillel^{2,6}
¹Faculty of Medicine, The Hebrew University of Jerusalem, Israel
²The Wohl Institute for Translational Medicine, Hadassah Medical Center,, Israel
³Obesity and Metabolism Laboratory, Institute for Drug Research, School of Pharmacy, Faculty of
 Medicine, The Hebrew University of Jerusalem, Israel
⁴Department of Biological Chemistry, Alexander Silberman Institute of Life Sciences, The Hebrew
 University, Jerusalem, Israel
⁵Neuro-Epigenetics Laboratory, Faculty of Agriculture, Food and Environment, The Hebrew
 University of Jerusalem, Israel
⁶Pediatric Pulmonology and Sleep Unit, Department of Pediatrics, Hadassah Medical Center, Israel



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



- 16:28-16:35 **Identification of a Founder Pathogenic Variant in the WFS1 Gene that Causes Wolfram Syndrome in the Druze Population**
Inbal Halabi^{1,2}, Prof. Yardena Tenenbaum-Rakover^{3,4}, Prof. Lena Sagi-Dain^{2,4,5}, Dr. Ilana Koren^{1,2,4}
¹Pediatric Endocrine Unit, Carmel Medical Center, Haifa, Israel
²Clalit Health Services, Haifa, Israel
³Children's Endocrinology Consulting Center, Clalit Health Services, Northern District, Afula, Israel
⁴The Ruth & Bruce Rappaport Faculty of Medicine, Technion, Haifa, Israel
⁵Genetic Institute, Carmel Medical Center, Haifa, Israel
- 16:35-16:42 **Maternal Diabetes Mellitus During Pregnancy as a Risk Factor for Congenital Nasolacrimal Duct Obstruction**
Amichai Raz¹, Mr. Nir Amitai^{1,2}, Mr. Tomer Kerman², Dr. Tamar Eshkoli^{3,4}, Dr. Ahed Imtirat⁵, Dr. Dor Marciano³, Prof. Eyal Sheiner³, Dr. Erez Tsumi⁵
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⁵Department of Ophthalmology, Soroka University Medical Center, Ben-Gurion University of the Negev, Be'er-Sheva, Israel, Soroka University Medical Center
- 16:42-16:49 **Disease characteristics and complication rate among Ethiopian type 1 diabetes adult patients compared to non-Ethiopian populations in Israel**
Alena Kirzhner^{1,2}, Dr. Amir Bashkin^{3,4}, Dr. Hefziba Green^{1,2}, Dr. Haitham Abu Khadija^{2,5}, Dr. Meital Zikry Deitch^{2,6}, Mrs. Merav Greenstein⁷, Mrs. Lee Cohen^{2,8,9}, Dr. Tal Schiller^{2,9}
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²Faculty of Medicine, Hebrew University of Jerusalem, Israel
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⁴Azrieli Faculty of Medicine, Galilee Medical Center, Israel
⁵Department of Cardiology, Kaplan Medical Center, Israel
⁶Intensive care unit, Kaplan Medical Center, Israel
⁷Merav Statistical Consulting, Kaplan Medical Center, Israel
⁸Department of Clinical Nutrition, Kaplan Medical Center, Israel
⁹Department of Diabetes, Endocrinology and Metabolism, Kaplan Medical Center, Israel
- 16:49-16:56 **Patterns of Hyperglycemia During the Day and its Association with Hepatic Steatosis in Type 1 Diabetes Mellitus**
Elena Chertok Shacham^{1,2}, Dr. Muhammad Agbaraia³, Mr. Alex Shtorkman⁴, Ms. Gala Sela¹, Ms. Sireen Sharif⁵, Dr. Avraham Ishay^{1,2}
¹Endocrinology, Emek medical center, Israel
²Medicine, Technion - Israel Institute of Technology, Israel
³Internal Medicine, Emek medical center, Israel
⁴Gastroenterology department, Emek medical center, Israel
⁵Statistics, Emek medical center, Israel



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

Rachel avraham¹, Dr. Orit Twito²

¹Endocrinology, Wolfson, Israel

²Endocrinology Wolfson Medical Center

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

Mrs. Dvora R. Sehtman-Shachar¹, Mrs. Alisa Fishkin¹, Prof. Gil Leibowitz²,

Dr. Genyah Aharon-Hananel^{1,3}

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

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

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

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

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

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

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

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

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

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

²Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem.

³Regeneron Pharmaceuticals, Tarrytown, New York, USA

16:00-17:30 **Parallel Sessions - Flash Talks**
Pituitary & Adrenal

Hall C

16:00-16:07 **Novel SERPINA6 Mutation Associated with Low Cortisol Levels and a Severe Clinical Phenotype**

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

¹Pediatric Endocrinology, Clalit Health Services, Haifa Israel

²Endocrinology, Hospital, Australia

16:07-16:14 **Ischemic Stroke Risk in Patients with Dopamine Agonist-Treated Hyperprolactinemia**

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

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³Endocrine Institute, Beilinson Hospital, Israel
⁴Ophthalmology Department, Beilinson Hospital, Israel
⁵Research Authority, Beilinson Hospital, Israel

- 16:14-16:21 **Long-Term Outcomes of Cushing's Disease After Transsphenoidal Surgery (TSS): A Single Center, 20-Year Retrospective Series**
Med. Student Dana Bar Natan^{1,2}, Dr. Merav Serebro¹, Prof. Zvi Ram^{2,3}, Prof. Rachel Grossman^{3,4}, Dr. Iris Yaish^{1,2}, Dr. Naomi Even Zohar¹, Prof. Yona Greenman^{1,2}, Karen Tordjman^{1,2}
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²Faculty of Health & Medical Sciences, Tel Aviv University, Israel
³Department of Neurosurgery, Tel Aviv Sourasky Medical Center, Israel
⁴Department of Neurosurgery, Rambam Medical Center-The Technion, Israel
- 16:21-16:28 **Leukocytosis in Cushing's Syndrome Persists Post-Surgical Remission and Could Predict a Lower Remission Prognosis in Patients with Cushing's Disease**
Hiba Masri-Iraqi^{1,2}, Yaron Rudman^{3,4}, Tzipora Shochat⁵, Shiri Kushnir⁶, Ilan Shimon^{3,4}, Maria Fleseriu⁷, Amit Akirov^{3,4}
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⁶Research Authority, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel
⁷Pituitary Center, Departments of Medicine and Neurological Surgery, Oregon Health & Science University, Portland, OR, USA
- 16:28-16:35 **Body Composition in Pediatric Patients with Craniopharyngioma Following Surgical Treatment**
Dr. Hussein Zaitoon^{1,2}, Dr. Ori Eyal^{1,2}, Dr. Michal Yackobovitch-Gavan², Dr. Ravit Regev^{1,2}, Prof. Jonathan Roth^{2,3}, Prof. Shlomi Constantini^{2,3}, Prof. Yael Lebenthal^{1,2}, **Avivit Brener**^{1,2}
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²Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
³Pediatric Neurosurgery, Dana-Dwek Children's Hospital, Tel Aviv, Israel
- 16:35-16:42 **Affective Disorders in Patients with Cushing Syndrome: Impact of Etiology and Remission Status**
Keren Kaminer^{1,2}, Prof. Ilan Shimon^{1,2}, Dr. Yaron Rudman^{1,2}, Mrs. Shiri Kushnir³, Prof. Amit Akirov^{1,2}
¹Institute of Endocrinology, Rabin medical center, Israel
²Faculty of medical and health sciences, Tel Aviv University, Israel
³Research Authority, Rabin Medical Center, Beilinson Hospital, Israel
- 16:42-16:49 **Dissecting Hypothalamic Neuro-Endocrine Complexity by Single-Nucleus RNA Sequencing**
Yair Oster¹, Mrs. Haya Benhayon¹, Mr. Amit Elad¹, Ph.D Rachel Ben-Haroush Schyr¹, Prof. Danny Ben-Zvi^{1,2}
¹Developmental Biology and Cancer Research, Institute for Medical Research Israel-Canada, Faculty of Medicine, The Hebrew University of Jerusalem, Israel
²The Center for Computational Medicine, Faculty of Medicine, The Hebrew University of Jerusalem, Israel
- 16:49-16:56 **Response to Cabergoline Treatment, Gonadal Axis Recovery, and Outcomes of Drug Withdrawal, in Men with Microprolactinoma: A Retrospective Cohort Study**



Yaron Rudman^{1,2}, Dr. Neta Simon², Dr. Rona Shimon³, Dr. Genady Drozdinsky^{2,4}, Dr. Efrat Markus^{2,5}, Dr. Hadar Duskin-Bitan^{1,2}, Dr. Hiba Masri-Iraqi^{1,2}, Dr. Gloria Tsvetov^{1,2}, Prof. Amit Akirov^{1,2}, Prof. Ilan Shimon^{1,2}

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³Faculty of Medicine, Semmelweis University, Budapest, Hungary

⁴Infectious Diseases Unit, Rabin Medical Center, Petah Tikva, Israel

⁵Institute of Endocrinology, Assaf Harofeh Medical Center, Zerifin, Beer Ya'akov, Israel

16:56-17:03 **Idiopathic Familial Basal Ganglia Calcifications Due to a PDGFB Mutation: A Case Report**

Dr. Merav Serebro¹, Prof. Yona Greenman^{1,2}, Dr. Penina Ponger^{2,3}

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

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

³Tel Aviv-Sourasky Medical Center, Institute of Genetics, Tel Aviv, Israel

17:03-17:10 **Opposing Metabolic Effects between Growth Hormone and IGF-I**

Zvi Laron¹, Ph.D Haim Werner²

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

²Dept Human Molec Genet Biochem, Faculty of Medical and Health Sciences, Tel Aviv University, Israel

17:10-17:17 **Elevated Risk of Hip Fractures in Patients with Cushing's Syndrome**

Dr. Hiba Masri-Iraqi^{1,2}, Dr. Yaron Rudman^{1,2}, Mrs. Tzipora Shochat³, Mrs. Shiri Kushnir⁴, Dr. Keren Kaminer¹, Dr. Idit Dotan^{1,2}, Dr. Gloria Tsvetov^{1,2}, Prof. Ilan Shimon^{1,2}, Prof. Amit Akirov^{1,2}

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³Biostatistics Unit, Beilinson Hospital, Rabin Medical Center, Israel

⁴Research Authority, Beilinson Hospital, Rabin Medical Center, Israel

17:17-17:24 **Single-Cell Multi-Omics Reveals Transcriptional Regulation of Neonatal Gonadotrope Lineage Formation**

Gil Golan¹, Dr. Daniel Sheridan², Dr. Karine Rizzoti², Prof. Robin Lovell-Badge², Prof. Philippa Melamed¹

¹Faculty of Biology, Technion-Israel Institute of Technology, Haifa, ISRAEL

²Francis Crick Institute, Francis Crick Institute, London, UK

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

Hall H

Bone & Genetics and Fertility & Transgender

16:00-16:07 **A family with an Atypical Presentation of TBX3-Related Disorder**

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

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

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



- 16:07-16:14 **World Census of Patients with Laron Syndrome**
M.D. Tal Rabin¹, Zvi Laron¹
 Endocrine and Diabetes Res Unit, Schneider Children's Med Ctr, Israel
- 16:14-16:21 **Nutritional Status and Bone Health Concerns in Treatment-Naïve Transgender Adolescents**
Ophir Borger^{1,2}, Ms. Yael Issan^{1,2}, Dr. Asaf Oren^{1,3}, Dr. Eyal Cohen-Sela^{1,3}, Ms. Tamar Sheppes^{1,4},
 Dr. Ravit Regev^{1,3}, Dr. Anat Segev-Becker^{1,3}, Prof. Yael Lebenthal^{1,3}, Dr. Liat Perl^{1,3}
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²The Nutrition & Dietetics Unit, Tel-Aviv Sourasky Medical Center, Israel
³School of Medicine, Faculty of Medical and Health Sciences, Tel-Aviv University, Israel
⁴Psychological Services, Tel-Aviv Sourasky Medical Center, Israel
- 16:21-16:28 **Safety and Efficacy of Antiresorptive Treatments in Patients with Obesity: A Registry-Based Study**
Vanessa Rouach^{1,2}, Dr. Assaf Buch^{1,2}, Prof. Gabriel Chodick^{2,3}, Dr. Inbal Goldshtein^{2,3},
 Prof. Yona Greenman^{1,4}
¹Institute of Endocrinology, Diabetes, Hypertension and Metabolism, Sourasky Medical Center, Tel Aviv, Israel
²Epidemiology Department, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, Israel
³Maccabitech institute for research and innovation, Maccabi Healthcare Services, Tel Aviv, Israel
⁴Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel
- 16:28-16:35 **Epidemiology of Osteoporotic Femoral Neck Fractures Among Arab Population in Israel and Comparison to the General Population in Clalit Health Care**
Dr. Hiba Masri-Iraqi^{1,2}, Dr. Gloria Tsvetov^{1,2}, Mrs. Einav Dandeker³, Dr. Adi Turjeman^{2,4},
 Prof. Leonard Leibovici^{2,4}, Dr. Samah Hayek^{3,5}
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³Department of Epidemiology and Preventive Medicine, School of Public Health, Faculty of Medical and Health Sciences, Tel Aviv University, Israel
⁴Research Authority, Beilinson Hospital, Rabin Medical Center, Israel, Israel
⁵Clalit Research Institute, Innovation Division, Clalit Health Services, Israel
- 16:35-16:42 **Bone Structure Integrity of SVEP1 Mice Knockout in Response to High-Fat Diet Nutrition**
Gabrielle Gammal¹, MD PhD candidate Nadav Kislev¹, Prof. Dafna Benayahu¹
 Faculty of Medical & Health Sciences, Tel Aviv University, Israel
- 16:42-16:49 **Unique Findings of High Gonadotropins, High Testosterone and Undetectable DHEAS and Progesterone in Complex III Deficiency Imply Mitochondrial Regulation of Steroidogenesis and Hypothalamic-Pituitary-Gonadal Feedback**
MSc Michal Toren¹, Dr. Osnat Admoni², Prof. Dov Tiosano^{1,3}, Prof. Hanna Mandel^{1,4}, Dr. Galit Tal^{1,5},
 Prof. Shoji Yano⁶, Dr. Marc Weigensberg⁶, Dr. Irit Hochberg^{1,7}
¹Bruce Rappaport faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
²Pediatric Endocrine Center, Clalit health Service, North District, Israel
³Pediatric Endocrinology Unit, Rambam Medical Center, Haifa, Israel
⁴Clinical Genetics Institute, Galilee Medical Center, Nahariya, Israel
⁵Pediatric Metabolic Disorders and Pediatrics Ward B, Rambam Medical Center, Haifa, Israel
⁶Pediatric Genetics, Los Angeles General Medical Center, Los Angeles, US
⁷Institute of Endocrinology, Diabetes and Metabolism, Rambam Medical Center, Haifa, Israel



- 16:49-16:56 **Validation of the Hebrew Version of the Menopause Rating Scale (MRS): A Cross-Sectional Study**
Dr. Sigal Shaklai^{1,2}, Dr. Orit Barenholz-Goultschin³, Dr. Merav Serebro¹, Dr. Ruti Gorev⁴,
 Dr. Yael Sofer^{1,2}, Dr. Tamar Eshkoli⁵, Prof Yona Greenman^{1,2}
¹Institute of Endocrinology, Diabetes, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Israel
²School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Israel
³Department of Obstetrics & Gynecology, Laniado Medical Center, Israel
⁴Maccabi Healthcare Services, Israel
⁵Department of Obstetrics and Gynecology and Endocrinology Unit, Soroka University Medical Center (SUMC), Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-Sheva, Israel
- 16:56-17:03 **Transgender Health Follow-Up Study from a Large Healthcare Provider**
Yair Schwarz^{1,2}, Dr. Tzipi Hornik-Lurie³, Dr. Shani Afek^{4,5}, Ms. Chaya Ben Yehuda³, Dr. Neta Lankri⁴,
 Dr Liana Tripto-Shkolnik^{1,5}
¹Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Israel
²The Dina Recanati School of Medicine, Reichman University, Israel
³Data Research Department at the Research Authority, Meir Medical Center, Clalit Health Services, Israel
⁴Sharon Shomron, Clalit Health Services, Israel
⁵School of Medicine, Faculty of Medical and Health Sciences, Tel Aviv University, Israel
- 17:03-17:10 **Vasorin Involvement in the Maintenance of the Ovarian Follicular Reserve**
Dr. Noa Lavi-Shoseyov^{1,2}, Dr. Dafna Ketter¹, Dr. Nitzan Rimon Dahari¹, Prof. Michal Neeman¹,
 Prof. Nava Dekel¹
¹Department of Immunology and Regenerative Biology, Weizmann Institute of Science, Israel
²IVF unit, Kaplan Hospital, Israel
- 17:10-17:17 **The Expression and Localization of FGF Receptors in the Sheep Preimplantation Embryo and Placenta**
Michal Elbaz^{1,2}, Dr. Maya Ross³, Mrs. Esther Karchovski-Shoshan¹, Mr. Alex Rozov¹, Prof. Alan Ealy⁴,
 Dr. Eran Gershon¹
¹Department of Ruminant Science, agricultural research organization, Israel
²The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Israel
³Institute of animal science, agricultural research organization, Israel
⁴School of Animal Sciences, Virginia tech, USA
- 17:17-17:24 **Dynamics of Placental Oxygen Machinery Upon Murine Gestational Hypoxia Offer a Possible Novel Adaptation Mechanism**
Doreen Padan Ben-Yashar¹, Dr. Talia Harris², Dr. Rachele Stefania³, Dr. Inna Goliand⁴, Mrs. Gila Meir¹,
 Mrs. Ofra x Golani⁴, Dr. Yael Pewzner-Yung¹, Dr. Yael Kuperman⁵, Dr. Sima Stroganov¹,
 Mrs. Gil Belisha¹, Mrs. Golda Gross¹, Ms. Stav Hirshenzon¹, Prof. Fortune Kohen¹, Prof. Silvio Aime⁶,
 Prof. Nava Dekel¹, Prof. Michal Neeman¹
¹Immunology and Regenerative Biology, The Weizmann Institute of Science, Israel
²Chemical Research Support, The Weizmann institute of science, Israel
³University of Eastern Piedmont, Italy
⁴Life sciences Core Facilities, The Weizmann institute of science, Israel
⁵Department of Veterinary Resources, The Weizmann Institute of Science, Israel
⁶University of Turino, Italy



- 16:00-16:00 **GI Tract to Brain- Investigating the Influence of Bariatric Surgery on Reward System Physiology and Reward-Seeking Behavior**
Yair Lellouche¹, Prof. Yonatan Kupchik¹, Prof. Danny Ben-Zvi²
¹Medical neurobiology, Hebrew University of Jerusalem, Israel
²Developmental Biology and Cancer Research, Hebrew University of Jerusalem, Israel
- 16:07-16:14 **Improvement in Metabolic Parameters with Semaglutide Use in Individuals with Type 1 Diabetes and Excess Weight**
Dr. Dmitriy Olshanskiy¹, Dr. Genya Aharon-Hananel^{2,3}, Dr. Noga Minsky²
¹Internal Medicine, Sheba Medical Center, Ramat Gan, Israel
²Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Ramat Gan, Israel
³Diabetes Unit, Hadassah Medical Center, Jerusalem, Israel
- 16:14-16:21 **Inherited Stress Vulnerability Exacerbates Obesity-Induced Metabolic Alterations Through Dysfunctional Adipose Tissue**
Mr. Saumia Mehta¹, Dr. Michaella Ben-Shachar¹, Prof. Albert Pinhasov^{1,2}, Tovit Rosenzweig^{1,2}
¹Department of Molecular Biology, Ariel University, Israel
²Adelson School of Medicine, Ariel University, Israel
- 16:21-16:28 **Advanced Glycation End-Products (AGEs) Leading to Adipose Tissue Dysfunction and Impaired Metabolism**
Roza Izgilov¹, Mr. Nachum Kavin¹, Prof. Dafna Benayahu¹
Faculty of Medical and Health Sciences, Tel Aviv University, Israel
- 16:28-16:35 **Peripherally Restricted Cannabinoid-1 Receptor Blockade Ameliorates Metabolic Syndrome via Adipocyte-associated Macrophage Differentiation and Hepatic AMPK Activation**
Asaad Gammal¹, Mr. Achilleas Fardellas², Ms. Shahd Bwerat³, Ms. Sharleen Hamad³, Ms. Yael Soae⁴, Dr. Amit Badihi⁴, Dr. Taher Nassar⁵, Prof. Simon Benita⁵, Prof. Niklas Björkström², Prof Joseph Tam⁶
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^{2,3}Department of Medicine Huddinge, Center of Infectious Medicine (CIM), Karolinska Institute, sweden
³Obesity and Metabolism Laboratory, The Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel, Israel
⁴Hadassah Ein Kerem Campus, Minrav Building (JBP),, BioNanoSim (BNS), Jerusalem, Israel
⁵Laboratory of Nano Delivery Systems, The Institute for Drug Research, , School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel, Israel
⁶Obesity and Metabolism Laboratory The Institute for Drug Research, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel, Israel



16:35-16:42 **FIB-4 Score in Young Healthy Adults and its Association with End Stage Liver Disease: A Nationwide Retrospective Study**

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

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

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

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

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

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

16:42-16:49 **Dynamic Adaptations in Arcuate Nucleus Vasculature Modulate Hormonal Transport in Metabolic Challenges**

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

Hebrew university of Jerusalem

16:49-16:56 **Establishing In Vitro Tools for Gastric Neuroendocrine Cell Research: From Physiology to Pathology**

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

¹Hebrew University of Jerusalem

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

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

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

⁵Department of Surgery, Hadassah-Hebrew University Medical Center Mount Scopus, Israel

16:56-17:03 **Adolescent Obesity, Hypertension and the risk of Chronic Kidney Disease**

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

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

17:03-17:10 **Pancreatic Enzyme Replacement Therapy for the Management of Gastrointestinal Symptoms Induced by GLP-1 Receptor Agonists**

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

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

17:10-17:17 **The Effect of Bariatric Surgery in Women on Their Children`s Growth and Development**

Mika Littor¹, Mr. Omri Dodi¹, Dr. Rachel Ben-Haroush Schyr¹, Prof. Danny Ben-Zvi¹

Dept. of Developmental Biology and Cancer Research, Institute for Medical Research Israel-Canada, Faculty of Medicine, The Hebrew University of Jerusalem, Israel

17:17-17:24 **Stress Inoculation as a Protective Strategy Against Behavioral and Metabolic Dysfunctions Induced by Severe Stress and High-Fat Diet**

Mr. Amiel Lerner¹, Dr. Ayala Wollman¹, Mr. Saumia Mehta¹, Prof. Albert Pinhasov^{1,2}, Tovit Rosenzweig^{1,2}

¹Department of Molecular Biology, Ariel University, Israel

²Adelson School of Medicine, Ariel University, Israel

16:00-17:30 **Parallel Sessions - Flash Talks**
Thyroid & NET

Hall J

16:00-16:00 **Graves' Disease Relapse Induced by Benralizumab: A Case Report**

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

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

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



- 16:07-16:14 **Lower FT4 Levels are Associated with Increased Risk of C-Section or Assisted Delivery**
 Dr. Gilad Karavani^{1,2,3}, Dr. Cherut Meirman⁴, Mr. Shalom Edri⁵, Prof. David Gillis⁶,
Prof. David Strich^{3,7,8}
¹Department of Obstetrics and Gynecology, Hadassah Ein-Kerem Medical Center, Jerusalem
²Infertility and IVF Unit, Hadassah Ein-Kerem Medical Center, Jerusalem
³Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem
⁴Rabin Medical and Tel Aviv and Dan districts, Clalit Health Service., Department of Family Medicine, Israel
⁵Information Center, Clalit HealthService, Israel
⁶Department of Pediatrics, Hadassah-Hebrew University Medical Center, Jerusalem, Israel
⁷Pediatric Specialists Clinic, Clalit Health Services,, Jerusalem
⁸Pediatric Endocrinology, Shaare Zedek Medical Center, Jerusalem
- 16:14-16:21 **Afirma Genomic Classifier in Clalit Health Services: Preserving Thyroids and Promoting Equality**
Hadar Duskin-Bitan^{1,2,3}, Prof. Doron Netzer^{3,4}, Prof. Ilan Shimon^{1,2}, Prof Eyal Robenshtok^{1,2}
¹Endocrine Institute, Rabin Medical Center - Beilinson Hospital, Israel
²Faculty of Medicine, Tel Aviv University, Israel
³Division of Community Medical Services, Clalit Health Services, Israel
⁴Adelson School of Medicine, Ariel University, Israel
- 16:21-16:28 **In Hospitalized Patients with Non-Thyroidal Illness (NTIS), High FT4 Levels are Associated with Greater 90-Day Mortality**
Dr. Amir Bashkin^{1,2}, Ms. Noa Dan², Ms. Ossie Sharon¹, Dr. Elena Kuyantseva¹
¹Diabetes, Endocrinology, and Metabolism Unit, Galilee Medical Center, Israel
²Azrieli Faculty of Medicine, Bar-Ilan University, Israel
- 16:28-16:35 **Evaluation of Malignancy Risk in PET-CT Detected Thyroid Incidentalomas: Insights from an Israeli Cohort**
 Dr. Esther Tahover^{1,2}, **Mrs. Eden Mizrahi³**, Genya Aharon-Hananel^{4,5}
¹Assuta Ramat Hahayal
²Bar-Ilan University
³Ben-Gurion University
⁴Diabetes Unit, Department of Endocrinology and Metabolism, Hadassah Medical Center, Jerusalem
⁵Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem
- 16:35-16:42 **Amino Acid-Induced Hyperkalemia During Peptide Receptor Radionuclide (PRRT) Therapy: A Case Report and Literature Review**
Esther Osher¹, Prof. Ido Wolf², Prof. Ravit Geva², Dr. Yael Sofer³, Prof. Yona Greenman³,
 Dr. Yuval Horwich⁴, Dr Roy Dayan⁵, Dr Inna Ospovat²
¹Institute of Endocrinology, Metabolism and Hypertension, Tel-Aviv Sourasky Medical Center and Faculty of Medicine, Tel-Aviv University, Israel
²Department of Oncology, Tel-Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel-Aviv University, Israel
³Institute of Endocrinology, Metabolism and Hypertension, Tel-Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel-Aviv University, Israel
⁴Department of Nephrology, Tel-Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel-Aviv University, Israel



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

16:42-16:49 **Metastatic Papillary Thyroid Carcinoma with Internal Jugular Vein Tumor Thrombus**

Adnan Zaina¹, Dr. Sameer Kassem¹

¹Department of Endocrinology and Metabolism, Clalit Medical Health Care Services, Bar-Ilan Faculty of Medicine

16:49-16:56 **The Natural Course of Newborns with Transient Congenital Hypothyroidism**

Dr. Tal Almagor¹, Prof. Shlomo Almashanu², Dr. Ghadir Elias-Assad³, Dr. Osnat Admoni⁴, Dr. Hanna Ludar⁵, Dr. Shoshana Rath⁶, Dr. Alina German⁷, Mrs. Naama Shwartz⁸, Prof. Yarden Tenenbaum^{9,10}

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⁴Pediatric Endocrine Center, Clalit Health services, Northern Region, Israel

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⁶Pediatric Endocrinology Service, Poria Medical Center, Israel

⁷Pediatric Endocrine Unit, Ha'Emek Medical Center, Afula, Israel

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⁹Pediatric Endocrinology, Clalit Health Services, Afula, Israel

¹⁰Faculty of Medicine, Technion, Haifa, Israel

16:56-17:03 **Clinical features, Treatment, and Prognostic Differences in Thyroid Eye Disease: Comparing Early-Onset and Late-Onset Cases Relative to Thyroid Disease Diagnosis**

Yehudit Eden-Friedman

17:03-17:10 **Liver Enzymes as a Diagnostic Tool in Differentiating Hyperthyroidism from Thyroiditis**

Mr. Roi Horwitz^{1,2}, Prof. Amit Tirosh^{3,4}, Reut Halperin^{3,4}

¹Arrow project, Sheba Medical Center, Israel

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⁴Medicine, Tel Aviv University, Israel

17:10-17:17 **Unprecedented High-Dose Levothyroxine Requirement for Overt Hypothyroidism During Pembrolizumab and Lenvatinib Therapy: A Case Report**

Ruti Karov¹, Dr. Esther Osher¹, Prof. Yona Greenman¹

Endocrinology, Diabetes, Metabolism And Hypertension, Tel Aviv Souraski Medical Center

17:17-17:24 **Using TSH-receptor Antibody Testing to Guide Antithyroid Drug Withdrawal Reduces the Early Relapse Rate - A Population-Based Study**

David Fisher^{1,2}, Mr. Nitzan Sagie³, Prof. Merav Fraenkel^{1,2}, Dr. Uri Yoel^{1,2}

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²Clinical research center, Soroka University Medical Center, Israel

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Monday, April 28, 2025

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

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

Hall A

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

Botros Moalem¹

University of Jerusalem

08:42-09:06 Inhibition of Somatostatin Enhances the Long-Term Metabolic Outcomes of Sleeve Gastrectomy in Mice

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

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²Military Medicine and Tzameret, Medical Corps, Faculty of Medicine, The Hebrew University of Jerusalem and Defence Forces, Israel

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

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

09:06-09:18 LXR-Dependent Enhancer Activation Regulates the Temporal Organization of the Liver's Response to Refeeding Leading to Lipogenic Gene Overshoot

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

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

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

09:18-09:30 Phytocannabinoid-Induced Metabolic and Lipid Reprogramming in MASLD

Radka Kocvarova¹

School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Israel

09:30-09:42 Deconstructing Weight Cycling: Unveiling Metabolic and Circadian Impacts of Weight Loss and Regain in Young and Mid-Aged Mice

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

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

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



09:42-09:54 **The Effects of Different Exercise Regimens on Body Composition, Cardiometabolic Health, and Adipose Tissue Distribution Post-Metabolic Bariatric Surgery; The POWER BARIATRIC Randomized Controlled Trial**

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

09:54-10:06 **Increased Antidepressant and Anxiolytic Medication Dispensing in Patients Using Liraglutide Weight-Loss Formulation**

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

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

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

⁴Adelson School of Medicine, Ariel University, Israel

⁵Health outcomes Research, Clalit Health Services, Israel

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

08:30-10:00 **Parallel Sessions – Abstracts**
Thyroid & NET

Hall B

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

Dr. Uri Yoel^{1,2}, MSc. Sagi Angel³, Ms. Miriam Gelman^{4,4}, Mr. Nitzan Burrack⁵, Dr. Pinchas Klein^{6,7}, Dr. Galit Avior^{7,8}, Dr. Idit Tessler^{7,8}, Prof. Oded Cohen^{2,9}, Prof. Joshua Ben-Zion^{2,10}, Dr. Liron Bidni¹⁰, Prof. Avi Hefetz^{2,11}, Dr. Nir Batat¹¹, Prof. Haggi Mazeh^{12,13}, Dr. Emily Bosin¹⁴, Ms. Miri Elezra¹⁴, Prof. Merav Fraenkel^{1,2}, Prof. Robert Marks³

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

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

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



08:42-09:06 **Does Reduced Direct Fetal Exposure to Iodine Linked with Low Birth Weight in Euthyroid Pregnancies? A Mother-Newborn Pilot Study**

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

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

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

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

09:06-09:18 **Insights into Central Congenital Hypothyroidism: A Multicenter Retrospective Analysis**

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

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⁴The Jesse Z and Sara Lea Shafer Institute for Endocrinology and Diabetes, National Center for Childhood Diabetes, Schneider Children's Medical Center of Israel, Petah Tikva, Israel

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

⁶Pediatric Endocrinology Unit, Ruth Rappaport Children's Hospital, Rambam Health Care Campus, Haifa, Israel

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¹⁴Pediatric Endocrinology and Diabetes Unit, Shamir (Asaf Harofe) Medical Center, Zerifin, Israel

¹⁵Pediatric Endocrinology and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Ramat Gan, Israel

¹⁶Consulting Endocrine Unit, Clalit Health Services, Afula, Israel

09:18-09:30 **Outcomes of Lobar and Sub-Lobar Resection for Lung Neuroendocrine Tumors (Lnets, Carcinoids) - An Enets Coe Experience**

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

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



09:30-09:42 **Dosimetric Analysis in 298 NET Patients and 1024 PRRT Cycles at Hadassah Medical Center, ENETS CoE**

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

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³Oncology Department, Hadassah Medical Center, Jerusalem, Israel

09:42-09:54 **Clinical Characteristics and Outcomes of Graves` Disease in Patients with Prior Hypothyroidism**

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

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⁴Endocrinology and Metabolism Institute, Beilinson Hospital, Rabin Medical Center, Petah Tikva, Israel

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

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

09:45-10:06 **Thyroid, Omics and Big Data Analyses a Developmental Cell Atlas of the Human Thyroid Gland**

Hassan Massalha^{1,2}, Mrs. Mi Trinh¹, Dr. Erick Armingol¹, Dr. Liz Tuck¹, Dr. Alexander Predeus¹, Dr. Pavel Mazin¹, Dr. Carmen Sancho-Serra¹, Dr. Agnes Oszlanczi¹, Mrs. Yvette Wood¹, Mrs. Conor Parks¹, Mrs. Tooichi Ogbonnah¹, Dr. Holly Whitfield¹, Dr. Iva Iva Kelava¹, Prof. Sam Behjati^{1,3}, Dr. Roser Vento-Tormo¹ Prof. Nadia Schoenmakers^{4,5}

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⁵Institute of Metabolic Science, University of Cambridge, UK

08:30-10:00 **Parallel Sessions – Abstracts**
Fertility & Transgender

Hall C

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

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

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

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

08:42-09:06 **Low Detransition Rates Among 709 Gender-Affirming Therapy Recipients and Associated Risk Factors: Results from a Systematic Follow-up Study**

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

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

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



- 09:06-09:18 **Gestational Diabetes Diagnosis: Time for BMI-Adjusted Criteria?**
Esther Maor-Sagie^{1,2,3}, Prof. Mordechai Hallak³, Dr. Yoel Toledano³, Dr. Amir Naeh^{1,2},
 Prof. Rinat Gabbay-Benziv^{1,2}
¹Department of Obstetrics and Gynecology, Hillel Yaffe Medical Center, Hadera
²The Ruth and Bruce Rappaport Faculty of Medicine, Technion- Israel Institute of Technology, Haifa
³Meuhedet HMO
- 09:18-09:30 **Late Diagnosis of Gestational Diabetes in Women with Normal Glucose Challenge Test - What is the Utility of the Third-Trimester Oral Glucose Tolerance Test?**
Dr. Noa Haggiag¹, Dr. Esther Maor-Sagie¹, Prof. Rinat Gabbay-Benziv¹, Amir Naeh¹
 Hillel Yaffe Medical Center
- 09:30-09:42 **Oral Glucose Tolerance Test in Pregnancy Can Serve as a Valuable Predictor for Future Diabetes**
Dr. Tal Schiller¹, Ms. Linoy Gabay², Dr. Oren Barak³, Dr. Alena Kirzhner^{1,4}, Prof. Edi Vaisbuch³,
 Prof. Gabriel Chodick⁵, Msc. Yael Barer^{2,5}
¹Institute of Endocrinology, Diabetes and Metabolic Disease, Faculty of Medicine, Kaplan Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel
²Kahn-Sagol-Maccabi Research and Innovation Institute, Maccabi Healthcare Services, Tel Aviv, Israel
³Department of Obstetrics and Gynecology, Faculty of Medicine, Kaplan Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel
⁴Department of Internal Medicine A, Faculty of Medicine, Kaplan Medical Center, Hebrew University of Jerusalem, Jerusalem, Israel
⁵School of Public Health, Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel
- 09:42-09:54 **Mild Chronic Stress Promotes Female Fertility via the Ovarian CRF Receptor**
Eran Gershon¹, Dr. Orna Issler², Dr. Mariana Schroeder³, Dr. Yael Kuperman⁴, Dr. Nava Nevo⁵,
 Dr. Shlomi Lazar⁶, Prof. Nava Dekel⁵, Prof. Alon Chen⁷
¹Department of Ruminant Science, Agricultural Research organization, Israel
²NYU Grossman School of Medicine, NYU, USA
³Institute of Biochemistry and Molecular Medicine, Bern University, Germany
⁴Department of Veterinary Resources, the Weizmann Institute of Science, Israel
⁵Department of Immunology and Regenerative Biology, the Weizmann Institute of Science, Israel
⁶Department of Pharmacology, the Israeli Institute for Biological Research, Israel
⁷Department of Neurobiology, the Weizmann Institute of Science, Israel
- 09:54-10:06 **Birthday Hormone: Thyrotropin Releasing Hormone Regulates Hatching in Fish**
 Dr. Deodatta Gajbhiye¹, Dr. Genevieve Fernandes¹, Mr. Itay Oz¹, Ms. Yuni Nahmias¹, **Matan Golan**¹
 Department of Animal Sciences, Faculty of Agriculture, Hebrew University of Jerusalem, Israel

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

Foyer



10:30-11:40 **Parallel Sessions 3 - Molecular Metabolism** Hall A

Chairs: **Dr. Ido Goldstein** | Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem
Prof. Amir Tirosh | Chief, Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center, Tel Aviv University School of Medicine

10:30-10:48 **Stabilized Hepatic Spheroids: A Novel Model for Investigating GLP-2 Receptor Function in Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)**

Dr. Shai Fuchs | Pediatric Endocrine and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center

10:48-11:06 **Hepatocyte Transplantation Epigenetically Inactivates Age-Associated Thyroid Hormone Receptor Function**

Dr. Itzhak Reitzel | The Faculty for Biotechnology, The Technion - Israel Institute of Technology

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

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

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

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

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

Chairs: **Dr. Sagit Zolotov** | The Institute of Endocrinology Diabetes and Metabolism, Rambam Health Care Campus, Haifa
Dr. Pinhas Klein | Division of Endocrinology, Diabetes and Metabolism, Sheba Medical Center

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

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

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

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

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

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

11:40-12:25 **Plenary Session** Hall B

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

11:40-12:25 **Newly Available and Emerging Therapies for Rare Bone Diseases**

Dr. Michael T. Collins | MD, FASBMR, Senior Clinical Advisor, National Institutes of Health



12:25-13:45 **Satellite Lunch's & Visit at the Exhibition**

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

Sponsored by Sanofi

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

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

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

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

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

12:55-13:10 **Beyond the Clinical Trials: Practical Insights into Teplizumab Therapy**

Prof. Yael Lebenthal | Director, The Institute of Pediatric Endocrinology, Diabetes & Metabolism, Dana-Dwek Children's Hospital, Tel Aviv Sourasky Medical Center

12:25-13:10 **Satellite Lunch - Weight loss Equals Muscle Loss?** Hall I

What we Know and What we Don't

Sponsored by Regeneron

12:25-12:45 **Prevention of Muscle Loss During Weight Loss: Nonpharmacological Interventions**

Prof. Tali Cukierman-Yaffe | Head Physician the Center for Successful Aging with Diabetes, Division of Endocrinology Metabolism and Diabetes Sheba Medical Center, Epidemiology D School of Medicine Tel Aviv University

12:45-13:05 **Prevention of Muscle Loss During Weight Loss - Pharmacological Interventions**

Prof. Ofri Mosenzon | Executive Medical Director, Regeneron Pharmaceutical, Tarrytown, NY, USA

13:05-13:10 **Q&A**

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

Sponsored by Eli Lilly

12:25-13:10 **Incretin Power: Unveiling the Mechanisms of GLP-1 and GIP**

Dr. Roy Eldor | Director, Diabetes Unit, Institute of Endocrinology, Metabolism & Hypertension, Tel-Aviv Sourasky Medical Center, Tel-Aviv

13:45-15:15 **Prize Session** Hall B

Chairs: **Prof. Merav Fraenkel** | President, Israel Endocrine Society, Head of Endocrine Service, Soroka University Medical Center, Faculty of Health Science, Ben-Gurion University of the Negev, Beer-Sheva

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

The Session's Program will be Announced Shortly



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

Foyer

15:30-16:30 **Parallel Sessions 4 – Interface: Adult and Pediatric Endocrinology Dialogue**

Hall A

Chairs: **Dr. Orit Twito** | Head of Endocrinology and Diabetes Unit, Wolfson Medical Center
Dr. Tal Ben Ari Sekel | Director of the Pediatric Endocrinology and Diabetes Unit, Edith Wolfson medical center

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

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

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

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

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

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

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

Hall B

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

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

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

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

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

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

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

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

Hall A

Chairs: **Dr. Orit Barenholtz** | Obstetrics & Gynecology Department, Laniado Medical Center, Medical Director of Diabetes Clinic Meuhedet Health Care Services Jerusalem
Prof. Philipa Melamed | Faculty of Biology, Technion-Israel Institute of Technology



- 16:30-16:50 **Relevance of Minipuberty for Long-Term Reproductive Health**
Dr. Sasha Howard | Clinical Reader (Associate Professor) and Honorary Consultant in Pediatric Endocrinology, Centre for Endocrinology, William Harvey Research Institute, Queen Mary University of London. Department of Pediatric Endocrinology, Royal London Hospital, Barts Health NHS Trust
- 16:50-17:10 **Genetic Investigation in Reproductive Endocrinology - What the Endocrinologist Should Know?**
Dr. Hagit Daum | OBGYN and Clinical Genetics Specialist, Medical Genetics Center, Hadassah, Jerusalem
- 17:10-17:30 **Cyp17a1 Congenital Adrenal Hyperplasia - Unique Aspects and Challenges**
Dr. Orit Barenholtz | Obstetrics & Gynecology department, Laniado hospital, Medical Director of Diabetes Clinic Meuhedet Health Care Services Jerusalem

16:30-17:30 **Parallel Sessions 5 - Islet Biology** Hall B
 Chairs: **Dr. Ronny Helman** | Institute of Biochemistry, Food Science and Nutrition, The Hebrew University of Jerusalem
Prof. Gil Leibowich | Past President of the Israel Endocrine Society, Head of the Hadassah Diabetes Unit, Hadassah Medical Center, Jerusalem

- 16:30-16:50 **Developing Next-Generation Stem Cell Islets**
Prof. Mathias Hebrok | Professor and Director, Center for Organoid Systems and Institute for Diabetes and Organoid Technology, Helmholtz Center Munich
- 16:50-17:10 **Epigenetic Dosage in Pancreatic Beta Cells: Where do we Stand and What Lies Ahead?**
Dr. Erez Dror | Diabetes Research and Immune Metabolism Lab, Faculty of Medicine, Hebrew University of Jerusalem
- 17:10-17:30 **Pericytes as Key Mediators of the Islet Niche and β -Cell Function**
Prof. Limor Landsman | Associate Professor, Dept. of Cell and Developmental Biology, Faculty of Medical and Health Sciences, Tel Aviv University



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