



# The Israeli Society for Research, Prevention and Treatment of Atherosclerosis

## The 22<sup>nd</sup> Annual Meeting

Elma Arts Complex Hotel, Zichron Ya'akov  
November 23-25, 2017



ההסתדרות הרפואית בישראל – החברה לחקר, מניעה וטיפול בטרשת העורקים  
Israel Medical Association - Society for Research, Prevention and Treatment of Atherosclerosis

האיגוד הקרדיולוגי בישראל  
ISRAEL HEART SOCIETY

החוג לאפידמיולוגיה  
ומניעה קרדיוסקולרית

WORKING GROUP ON  
EPIDEMIOLOGY AND PREVENTION

## Thursday, 23 November 2017

<b>09:00-10:00</b>	<b>Registration</b>
<b>10:00-10:15</b>	<b>Welcome</b>
<b>10:15-12:30</b>	<b>Session 1: Emerging Risk Factors</b>
<b>Chairpersons</b>	<b>Jacob Vaya and Joachim Thiery</b>
10:15-10:40	Atherogenesis, Revisiting the Lipid Peroxidation Hypothesis <b>Dov Lichtenberg</b> <i>Tel Aviv University, Israel</i>
10:40-11:10	Paraoxonase 1 Lactonase Activity in Endothelial Cells Regulates Vasodilation Induced by Arachidonic Acid Lactone Metabolite <b>Andrea Sapir</b> <i>MIGAL- Galilee Research Institute, Israel</i>
11:10-11:35	Pomegranate Unique Polyphenolic Antioxidants Protect Against Atherogenesis via Increased Apoptosis and Decreased Necrosis <b>Michael Aviram</b> <i>Technion Faculty of Medicine, Israel</i>
11:35-12:00	Role of Lipids on the Fluidity of Plasma and Subcellular Membranes: Detection and Implication to the Metabolic Syndrome and Atherosclerosis <b>Sasson Shlomo</b> <i>The Hebrew University of Jerusalem, Israel</i>
12:00-12:30	Association of Cardiac Biomarkers with the Severity of Stable Coronary Heart Disease and CHD-Mortality: Results from the LIFE-Leipzig-Heart-Study <b>Jeffrey Netto</b> <i>Universitätsklinikum Leipzig, Germany</i> <b>Joachim Thiery</b> <i>Universitätsklinikum Leipzig, Germany</i>
<b>12:30-12:45</b>	<b>Coffee break</b>
<b>12:45-13:45</b>	<b>Flash Poster Session</b>
<b>Chairpersons</b>	<b>Joseph Roitelman and Andrea Szuchman-Sapir</b>
12:45-12:55	The Role of Hla-F Adjacent Transcript 10 (Fat10) in Atherosclerosis <b>Michal Kandek-Kfir</b> <i>Tel Hashomer, Israel</i>
12:55-13:05	Severe Familial Hypercholesterolemia: The Challenge of Closing The Gaps In Clinical Management <b>Ayman Jubran</b> <i>Lady Davis Carmel Medical Center, Israel</i>
13:05-13:15	Novel Regulation of Macrophage Polarization and Atherosclerosis Regression by Wnt <b>Ada Weinstock</b> <i>NYU School of Medicine, USA</i>
13:15-13:25	Endothelial Progenitor Cells, Vascular Function, and Cerebrovascular Stroke <b>Arnon Blum</b> <i>Poria Medical Center, Israel</i>
13:25-13:35	Area Level Deprivation is Associated with Cardiometabolic Syndrome among Postpartum Women <b>Vered Kaufman-Shriqui</b> <i>Ariel University, Israel</i>
13:35-13:45	Vitamin-D Diminishes High Platelet Aggregation Found in Patients with Type 2 Diabetes Mellitus <b>Maya Sultan</b> <i>Meir Medical Center, Israel</i>
<b>13:45-14:45</b>	<b>Lunch</b>
<b>14:45-16:50</b>	<b>Session 2: Obesity, Hypertriglyceridemia and Atherosclerosis</b>
<b>Chairpersons</b>	<b>Hilla Knobler and Zemin Yao</b>
14:45-15:10	Is Reducing Triglyceride Levels a New Therapeutic Target? <b>Rafael Bitzur</b> <i>Sheba Medical Center, Israel</i>
15:10-15:40	A Gain-of-Function Variant of Human Apoc3 Associated with Hypertriglyceridemia <b>Yao Zemin</b> <i>University of Ottawa, Canada</i>
15:40-16:05	Reducing De Novo Lipogenesis and Liver Fat by Fructose Restriction <b>Alejandro Gugliucci</b> <i>Touro University-California, USA</i>



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16:05-16:30	Distinct Effects of Brain and Peripherally Expressed Apolipoprotein E on White Adipose Tissue Metabolic Activation and Obesity <b>Kyriakos E. Kypreos</b> <i>University of Patras School of Health Sciences, Greece</i>
16:30-16:55	The Chemokine CCL24 at the Crossroads of Atherosclerosis and Non Alcoholic Steatohepatitis <b>Dani Haberman</b> <i>Kaplan Medical Center, Israel</i>
<b>16:55-17:15</b>	<b>Coffee Break</b>
<b>17:15-19:40</b>	<b>Session 3: New Therapeutic Targets</b>
<b>Chairpersons</b>	<b>Eran Leitersdorf and Steve Humphries</b>
17:15-17:40	Precision Cardiovascular Medicine: a hope or a hype? <b>Eran Leitersdorf</b> <i>Hadassah Hebrew University, Israel</i>
17:40-18:00	PCSK9 Inhibitors for the Treatment of Patients With FH <b>Moses Elisaf</b> <i>University of Ioannina, Greece</i>
18:00-18:25	Cellular Effects of The Coagulation Factors Fxa and Thrombin. Role in Atherosclerosis <b>Alexandros Tselepis</b> <i>University of Ioannina, Greece</i>
18:25-18:50	The Current Anti-Thrombotic Therapy in Survivors of Acute Coronary Event <b>Shlomi Matetzky</b> <i>Sheba Medical Center, Israel</i>
18:50-19:15	Ultrasound Cavitation Mediated Gene Delivery of Apo-AI to the Artery Wall for Modulating Plaque Content <b>Hagai Tavori</b> <i>Oregon Health &amp; Science University, USA</i>
19:15-19:40	Antiinflammatory Therapy Targeting Interleukin-1 $\beta$ with Canakinumab for Prevention of Recurrent Cardiovascular Events <b>Yehuda Kamari</b> <i>Sheba Medical Center, Israel</i>
<b>20:30</b>	<b>Dinner</b>
<b>Friday, 24 November 2017</b>	
<b>08:00-08:30</b>	<b>Registration</b>
<b>08:30-08:45</b>	<b>Welcome</b>
<b>08:45-11:00</b>	<b>Session 4: Preventing Cardiovascular Disease and Improving Outcomes in Diabetes</b>
<b>Chairpersons</b>	<b>Barak Zafrir and Ofir Avizohar</b>
08:45-09:10	Dyslipidemia and Lipid Management in Diabetes <b>Manfredi Rizzo</b> <i>University of Palermo, Italy</i>
09:10-09:20	Liraglutide Improves Metabolic Parameters and Reduces Intima-Media Thickness in Obese Vs Non Obese Patients with Type 2 Diabetes: An 18-Month Prospective Study <b>Castellino Giuseppa</b> <i>University of Palermo, Italy</i>
09:20-09:45	Non-invasive Screening and Prediction of Cardiovascular Events in Asymptomatic Patients with Diabetes <b>David A. Halon</b> <i>Carmel Medical Center, Israel</i>
09:45-10:10	New Diabetes Treatments with Cardiovascular Outcome Benefit: A Changing Role for the Cardiologist and Non-diabetologist <b>Yoseph Rozenman</b> <i>Tel Aviv University, Israel</i>
10:10-10:35	Type 2 Diabetes: Approach to Management and Real-world Cases of Diabetics with CVD <b>Roy Eldor</b> <i>Tel-Aviv Sourasky Medical Center, Israel</i>
10:35-11:00	Haptoglobin Genotyping in Risk Stratification and Prevention of Diabetic Cardiovascular Disease <b>Andrew Levy</b> <i>Technion Faculty of Medicine, Israel</i>



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<b>11:00-11:30</b>	<b>Coffee Break</b>
<b>11:30-13:30</b>	<b>Session 5: Genetic Aspects of Hyperlipidemia</b>
<b>Chairpersons</b>	<b>Dror Haratz and Philippa Talmud</b>
11:30-12:00	Can We Improve the Cost Effectiveness of Cascade Testing and Universal Screening for Familial Hypercholesterolaemia by Using DNA Tests <b>Steve Humphries</b> <i>BHF LaboratoriesInstitute Cardiovascular Science UCL, UK</i>
12:00-12:25	Relooking at the Israeli genetic FH cohort. <b>Ronen Durst</b> <i>Hadassah Hebrew University, Israel</i>
12:25-12:55	The Role of Lipoprotein Apheresis in the Era of PCSK9 and Lomitapide Therapy for Severe FH <b>Claudia Stefanutti</b> <i>University of Rome, Italy</i>
12:55-13:20	Homozygous Familial Hypercholesterolaemia: Current Treatments and Future Prospects <b>Hofit Cohen</b> <i>Sheba Medical Center, Israel</i>
<b>13:20-13:45</b>	<b>Awards to Young Investigators</b>
<b>13:45-14:30</b>	<b>Lunch</b>
<b>14:30-15:45</b>	<b>Session 6: Clinical case studies in cardiovascular medicine: heart failure and hypercholesterolemia</b>
<b>Chairpersons</b>	<b>Rafael Bitzur and Dov Gavish</b>