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ההסתדרות
הרפואית בישראל
החברה לחקר,
מניעה וטיפול
בטרשת העורקים

Israel Medical
Association Society
for Research,
Prevention and
Treatment of
Atherosclerosis

Program

WEDNESDAY, 21 October 2015

08:00-08:30	Registration	
08:30-08:45	Welcome	Hilla Knobler , President of Israel Society for Research, Prevention and Treatment of Atherosclerosis Tova Chajek-Shaul : In memory of Yehezkel Stein

08:45-11:00	Plenary Session 1: Hot Topics in Lipids and Atherosclerosis
Chairmen:	Prof. Dror Harats, Prof. Edward Fisher

08:45-09:30	Prof. Evan Stein- Metabolic & Atherosclerosis Research Center, Cincinnati The efficacy and safety of PCSK9 inhibitors
09:30-10:00	Prof. Edward A. Fisher-NYU School of Medicine The many faces of macrophages in atherosclerosis progression and regression
10:00-10:30	Prof. Zemin Yao- University of Ottawa New insight into intracellular function of apoC3 in hepatic lipid and glucose metabolism
10:30-11:00	Prof. Alexandros D. Tselepis-University of Ioannina New insights into the pathophysiological role of Lp(a) and therapeutic approaches
11:00-11:30	Coffee Break, Exhibition and Poster Viewing
11:30-13:30	Parallel Sessions

Parallel Session 1: Diet and fat deposits: It is not just weight!	
Chairmen:	Prof. Iris Shai, Prof. Ardon Rubinstein

11:30-12:10	Prof. Iris Shai- Ben-Gurion University Redistribution of conventional and non-conventional body fat depots across weight loss interventions
12:10-12:30	Gal Tsaban- Ben-Gurion University Dynamic of Cardiac fat tissues during weight loss interventions
12:30-12:45	Yftach Gepner - Ben-Gurion University Dynamic of Intramyocellular triacylglycerol during weight loss interventions
12:45-13:00	Hilla Zelicha-- Ben-Gurion University Dynamic of Renal Sinus Fat and Renal Parenchyma Fat during Weight Loss – 18-Month Randomized MRI Study
13:00-13:30	Dr. Sigal Eilat-Adar-Wingate College and Tel Aviv University The 2015 Israeli dietary guidelines for prevention of CVD

פרופ'. איריס שי-אוניברסיטת בן-גוריון

שינוע רקמות שומן הגוף במהלך אסטרטגיות דיאטה ופעילות גופנית - ניסוי ה MRI

גל צבאן- אוניברסיטת בן-גוריון

דינמיקת השומן הלבבי –ניסוי ה-MRI

יפתח גפנר- אוניברסיטת בן-גוריון

דינמיקת השומן התוך שרירי - ניסוי ה- MRI

הילה זליכה- אוניברסיטת בן-גוריון

דינמיקת השומן הכלייתי- ניסוי ה- MRI

דר. סיגל אילת-אדר-המכללה האקדמית בוינגייט ואוניברסיטת תל אביב

המלצות תזונתיות למניעת תחלואה קרדיוסקולארית – עדכון 2015

Parallel Session 2: Diabetes and other Coronary Risk Factors	
Chairmen:	Prof. Tova Chajek-Shaul, Prof. Zemin Yao

11:30-11:50	Prof. Joachim Thiery- University Hospital Leipzig About new and old coronary risk factors: Lessons from the Leipzig LIFE- Heart- study
11:50-12:10	Prof. Uta Ceglarek- University Hospital Leipzig Characterization of apolipoprotein distributions in human lipoprotein fractions and serum in the Leipzig Heart Study
12:10-12:30	Dr. Yehuda Kamari-Sheba Medical Center, Tel Hashomer The role of HLA-F adjacent transcript 10 (FAT10) in aging and adipogenesis
12:30-12:50	Prof. Yishai Levy-Rambam Health Care Campus Is diabetes remission possible? Early effects of bariatric surgery in patients with morbid obesity
12:50-13:10	Prof. Gerd Schmitz- University Hospital Regensburg Dysregulation of lysophospholipid and sphingolipid signaling in diabetes and vascular disease
13:10-13:30	Prof. Andrew Levy- Technion Rappaport Faculty of Medicine Proatherogenic Dysfunctional High Density Lipoprotein: a new target in the prevention of heart disease in diabetes

13:30-14:30	Lunch
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14:30-16:30	Plenary Session 2: Lipids and Lipid treatment: Good and Bad News
Chairmen:	Prof. Kevin J. Williams, Dr. Osama Hussein

14:30-14:50	Dr. Rafael Bitzur- Sheba Medical Center, Tel Hashomer Statins and diabetes
14:50-15:10	Dr. Hagai Tavori- Oregon Health & Science University Lipoprotein association – a new concept in PCSK9 biology
15:10-15:30	Dr. Dov Gavish- Tel-Aviv University Antisense Oligonucleotide based therapy: A potential treatment for Chylomicronemia, for patients with high Lp (a) and for patients with familial hypercholesterolemia
15:30-15:50	Dr. Hofit Cohen-- Sheba Medical Center, Tel Hashomer Late cardiovascular morbidity in survivors of Hodgkin's lymphoma
15:50-16:10	Prof. Kyriakos Kyraios- University of Patras HDL protein composition as a modulator of lipoprotein functionality: lessons from clinical cases and animals studies
16:10-16:30	Dr. Joseph Roitelman- Sheba Medical Center, Tel Hashomer The mechanism for controlled HMG-CoA reductase degradation

16:30-17:00	Society Assembly
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THURSDAY, 22 October 2015

08:00-08:30	Registration	
08:30-09:00	Welcome	Bianca Fuhrman , Head of Scientific Committee Andrew R. Marks , IAFI- International Academic Friends of Israel

09:00-11:00	Plenary Session 3: Diabetes and Cardiovascular Diseases
Chairmen:	Prof. Ira Goldberg, Prof. Philippa Talmud

09:00-09:30	Prof. Andrew R. Marks-Columbia University College of Physicians & Surgeons How heart disease causes diabetes?
09:30-10:00	Prof. Ira Goldberg-NYU Langone Medical Center Glucose and white blood cells, unhappy together
10:00-10:30	Prof. Kevin J. Williams-Temple University School of Medicine Imbalanced insulin action in the metabolic syndrome and T2DM: molecular mechanisms and clinical harm
10:30-11:00	Prof. Gil Leibowitz- Hadassah Hebrew University Medical Center Common mechanisms of beta- and endothelial cell dysfunction in diabetes and atherosclerosis
11:00-11:30	Coffee Break, Exhibition and Poster Viewing
11:30-13:30	Parallel Sessions

Parallel Session 3: Smoking, Diabetes and Cardiovascular disease: How to beat bad habits?	
Chairmen:	Dr. Ilana Harman-Boehm,

11:30-12:00	Prof. Yaakov Henkin- Ben-Gurion University and Soroka Medical Center Smoking and the atherosclerotic plaque
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פרופ. יעקב הנקין - אוניברסיטת בן-גוריון ומרכז רפואי סורוקה

עישון והנגע הטרשת

12:00-12:20	Dr. Oren Rom- Technion Rappaport Faculty of Medicine Atherogenic effects of cigarette smoke and its toxic aldehydic component acrolein on macrophage oxidation and lipid metabolism.
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דר. אורן רום- פקולטה לרפואה של הטכניון

ההשפעה האטרוגנית של עשן סיגריות ומרכיבי אקרולין, על חמצון ומטבוליזם הליפידים במאקרוфаגים

12:20-12:40	Dr. Ilana Harman-Boehm- Soroka University Medical Center Smoking and diabetes-You are damned if you do and damned if you don't
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דר. אילנה הרמן-בהם- מרכז רפואי אוניברסיטאי סורוקה

מתוק מעושן: עישון וסוכרת- חרב פיפיות

12:40-13:00	Dr. Shauli Lev-Ran- Sheba Medical Center, Tel Hashomer Addiction Medicine – Introduction to epidemiology, neurobiology and treatment
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דר. שאולי לב-רן-מרכז רפואי שיבא, תל השומר

רפואת התמכרויות: גיור-ביולוגיה של מחלה וטיפול

13:00-13:30	Dr. Arnona Eyal-Occupational Medicine, Clalit Health Services Smoking cessation among complicated patients
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דר. ארנונה אייל-רפואה תעסוקתית, שרותי בריאות כללית

גמילה מעישון בקרב חולים מורכבים

Parallel Session 4: Redox in Health and Disease	
The session of the Israeli Society for Oxygen and Free Radicals Research (ISOFRF)	
Chairmen:	Prof. Yoav Sharoni, Dr. Andrea Szuchman-Sapir

11:30-11:50	Prof. Jacob Vaya- MIGAL-Galilee Research Institute Alternative mechanistic explanation for polyphenols antioxidant activity: Interaction of proteins with polyphenols
11:50-12:10	Prof. Michael Aviram- Technion Rappaport Faculty of Medicine HDL - associated Paraoxonase1 (PON1) stimulates cholesterol efflux from macrophages and attenuates atherogenesis
12:10-12:30	Dr. Andrea Szuchman-Sapir- MIGAL-Galilee Research Institute 5,6 δ-DHTL, a novel endothelial-derived hyperpolarizing factor regulated by PON1
12:30-12:50	Dr. Roman Sirota-The Hebrew University of Jerusalem A rational approach to prevent postprandial modification of LDL by dietary polyphenols
12:50-13:10	Prof. Oren Tirosh- The Hebrew University of Jerusalem Lipid peroxidation in stomach medium are affected by dietary oils (olive/fish) and antioxidants: Mediterranean versus Western diet
13:10-13:30	Prof. Zeev Gross- Technion Schulich Faculty of Chemistry Redox Active Metallo drugs: Benefits and Concerns

13:30-14:30	Lunch
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14:30-15:00	Awards for the best poster and grant application
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15:00-17:00	Plenary Session 4: Genetics in Atherosclerosis
Chairmen:	Prof. Steve Humphries, Dr. Ronen Durst

15:00-15:30	Prof. Steve Humphries- Institute Cardiovascular Science UCL Moving from GWAS hits for lipid traits to finding the functional variants
15:30-16:00	Chofit Chai-- Hadassah Hebrew University Medical Center The role of miR-122 in lipid metabolism
16:00-16:20	Limor Oren- Hadassah Hebrew University Medical Center Identification of a cholesterol lowering gene in an FH family
16:20-16:40	Dr. Ronen Durst- Hadassah Hebrew University Medical Center Novel FH mutations in the Israeli population: What have we recently learned?

16:40-17:00	Society Assembly
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