The 21th Annual Meeting
The Israeli Society for Research, Prevention & Treatment of Atherosclerosis
in association with the Working Group on Epidemiology and Prevention-Israel Heart Society.

Dan-Carmel Hotel, Haifa, Israel
October 27-30, 2016

www.ias.org.il
THURSDAY, 27 October 2016

09:00-10:30  Registration
10:30-11:00  Welcome  Ronen Durst, President of the Israeli Society for Research, Prevention and Treatment of Atherosclerosis
              Bianca Fuhrman: Head of the Scientific Committee
11:00-13:30  Session 1: Vascular Biology in Atherosclerosis and Metabolic Disease

Chairpersons: tba

Paraoxonase (PON) protection against Atherogenesis
Michael Aviram - Technion Faculty of Medicine, Israel

Paraoxonase - 1 reduce vasodilation in the microcirculation by regulating the arachidonic acid lactone metabolite
Andrea Szuchman-Sapir - MIGAL- Galilee Research Institute, Israel

A novel lysosome-dependent mechanism for the treatment of diet-induced metabolic diseases
Zemin Yao - University of Ottawa, Canada

A possible crosstalk between human carotid plaque and blood components
Yacov Vaya - MIGAL- Galilee Research Institute, Israel

Fructose restriction lowers apoC-III levels and yields less atherogenic lipoprotein profiles in children with obesity and metabolic syndrome
Alejandro Gugliucci - Touro University-California, USA

The synergistic anti-inflammatory effect of EPA, Lycopene, Carnosic acid and Lutein combinations via inhibition of NF-kB and CREB signaling in activated microglia.
Rachel Levy - Ben-Gurion University, Israel

13:30-14:30  Lunch Break, Exhibition and Poster Viewing

14:30-16:30  Session 2: Development, Progression and Sequelae of Non-Alcoholic Fatty Liver Disease

Chairpersons: Yehuda Kamari, tba

On the mechanisms driving NASH and subsequent HCC: Metabolic immune activation is key
Mathias Helkenwälder - Helmholtz Zentrum Muenchen, Germany

Is there a specific treatment for NAFLD?
Hilla Knobler - Kaplan Medical Center, Israel

Is liver lipotoxicity due to Triglycerides or to Cholesterol?
Yehuda Kamari - Sheba Medical Center, Israel

“Angry fat” and Fatty Liver in obesity: who are the mediators?
Assaf Rudich - Ben-Gurion University, Israel

Non-Alcoholic Fatty Liver Disease and Cardiovascular Risk
Osama Hussein - Ziv Medical Center, Israel

16:30-17:00  Coffee Break, Exhibition and Poster Viewing
FRIDAY, 28 October 2016

08:00-08:30  Registration

08:30-09:00  Welcome  Rafael Bitzur, Secretary of Israel Society for Research, Prevention and Treatment of Atherosclerosis

09:00-11:00  Session 4: Vascular Biology of Atherosclerosis

Chairpersons: tba

The regression of atherosclerosis: new treatments on the horizon
Edward A. Fisher - NYU School of Medicine, USA

Nuclear control of lipid homeostasis
Peter Tontonoz - University of California, Los Angeles, USA

The pathogenesis of atherosclerosis: a triumph of simplicity!
Kevin J. Williams - Temple University School of Medicine, USA

Lp(a) : Coming of Age–At Last
Joseph Witztum - University of California, San-Diego, USA

11:00-11:30  Coffee Break, Exhibition and Poster Viewing
11:30-13:30  Parallel Sessions 5 and 6

Session 5: New Risk Factor and Atherosclerosis Imaging for Recategorization of CV Risk
In cooperation with the Working Group on Epidemiology and Prevention – Israel Heart Association

Chairpersons: Uri Goldbourt, Joseph Shemesh

Philip Greenland - Northwestern University, USA

Estimating coronary risk in disease-free individuals: What have we learned?
Uri Goldbourt - Tel Aviv University, Israel

Coronary calcium score for restratification of CV risk: The MESA Score.
Joseph Shemesh - Tel-Aviv University, Israel

3-D ultrasound for atherosclerosis imaging: Measuring the total burden of atherosclerosis for disease screening
Salo Haratz - Sheba Medical Center, Israel

Biomarkers, imaging and functional tests in reclassification of CV risk
Rafael Bitzur - Sheba Medical Center, Israel

Session 6: Nutrition in Health and Disease
In cooperation with ATID-Israeli Dietetic Association

Chairpersons: tba

Protective role of monounsaturated fatty acids against nutrient overload in pancreatic beta cells
Shlomo Sasson – Hadassah Hebrew University, Israel

Pro-atherogenic effects of linoleic acid-rich soybean oil: studies in mice and cultured macrophages
Oren Rom - Technion Faculty of Medicine, Israel

Maternal dietary fatty acids quality plays a significant role during fetal programming resulting in long – term differential effects as health or disease in the offspring
Alicia Leikin Frenkel - Sheba Medical Center, Israel

Myths in cardiovascular nutrition: excerpts from the Israeli Dietary Guidelines
Yacov Henkin - Ben-Gurion University, Israel

13:30-14:30  Lunch Break, Exhibition and Poster Viewing

14:30-16:30  Session 7: Panel Discussion: Challenging Case Studies in Hyperlipidemia

Moderators: Rafael Bitzur, tba

Shabbat Dinner
17:30-19:00  **Poster Session**

Moderators: tba

19:00-19:10  Tribute to Prof. Ardon Rubinstein
19:10-19:20  Awards

**20:30-20:00**  **Keynote Lecture**  *New Insights into the Actions of Statins in Atherogenic Dyslipidemia: Metabolomics*  
*John Chapman* - INSERM at the Pitié-Salpêtrière Hospital, France

20:30  Dinner