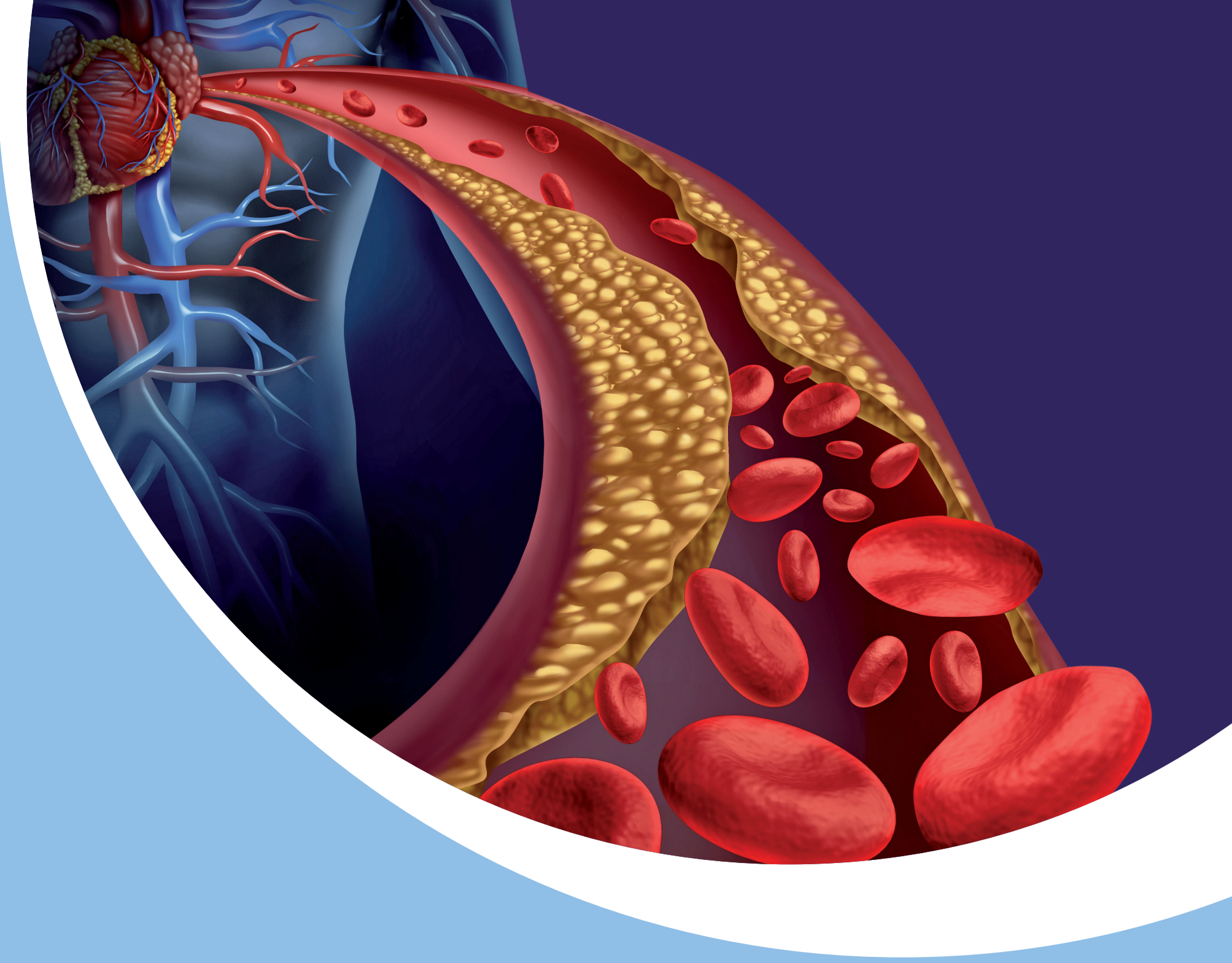


הסתדרות הרפואית בישראל - החברה לחקר, מניעת וטיפול בסרטן העורקים
Israel Medical Association - Society for Research, Prevention and Treatment of Atherosclerosis

The 27th Annual Meeting

of the Israeli Society for Research, Prevention and Treatment of Atherosclerosis

- Molecular mechanisms of atherosclerosis • Advancing therapy • Vascular biology
- Aging, gender and environment • Emerging risk factors



SCIENTIFIC PROGRAM

Thursday 7.9.2023

14:00-14:30 **Registration**

14:30-14:45 **Welcome**

14:45-16:40 **Session 1: Molecular mechanisms and emerging risk factors of atherosclerosis**
Chairpersons: **Yehuda Kamari** | **Itshak Gabizon**

14:45-15:10 **Keynote lecture: lipid Guidelines, currents status and future directions**

Alberico L. Catapano | Director Laboratory of Lipoproteins and Atherosclerosis and SEFAP, Director Center for the Study of Atherosclerosis, Multimedica IRCCS, Milan Italy

15:10-15:25 **Lyso-DGTS, a novel bioactive lipid isolated from Nannochloropsis microalgae, Improved HDL functions and increased PON1 activities** |

Soliman Khatib | Department of Nutrition and Natural Products, MIGAL -Galilee Research Institute, Israel

15:25-15:40 **From mammalian haploid genetics to human lipoprotein metabolism: SPRING is a novel regulator of hepatic lipid metabolism**

Noam Zelcer | Department of Medical Biochemistry Academic Medical Center of the University of Amsterdam, The Netherlands

15:40-15:55 **Circulating ketone bodies and cardiovascular outcomes: Results from the MESA study**

Elad Shemesh | Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel

15:55-16:10 **Targeting the residual inflammatory risk in atherosclerosis: a case for colchicine**

Yehuda Kamari | Sheba Medical Center, Tel-Hashomer, Israel

16:10-16:40 **Keynote lecture: Cholesterol crystals in human atherosclerotic lesions observed by 3D cryo-electron-microscopy**

Lia Addadi | Department of Chemical and Structural Biology, Weizmann Institute of Science, Israel

16:40-17:15 **Coffee break**

17:15-19:00 **Session 2: Advances in understanding mechanisms and treatment of dyslipidemia**

Chairpersons: **Yaakov Henkin** | **Eran Leitersdorf**

17:15-17:30 **How much primary prevention of atherosclerosis is really primary?**

Rom Keshet | Sheba Medical Center, Tel-Hashomer, Israel

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17:30-18:00 **Keynote lecture: The endosomal sorting complex retromer has a central role in cholesterol homeostasis by controlling the functioning of the lysosomal proteins LAL, scarb2 and npc1**

Bart van de Sluis | Department of Pediatrics, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands

18:00-18:15 **Triglyceride remnants as a new therapeutic target for cardiovascular risk reduction**

Alexandros Tselepis | Emeritus Professor of Clinical Biochemistry, Atherothrombosis Research Centre, Department of Chemistry, University of Ioannina, Greece

18:15-18:30 **EPA Therapy in patients at high CV risk**

Gideon Paul | Asaf-Harofeh medical Center, Tsrifin, Israel

Sponsored by: **NEOPHARM ISRAEL**

18:30-18:45 **Atherosclerosis viewed from the inside**

Elad Asher | Head ICCU, Shaare Zedek Medical Center, Israel

20:00 **Dinner**

Friday 8.9.2023

08:00-08:25 **Registration**

08:25-08:30 **Welcome**

08:30-09:50 **Session 3: Vascular biology and molecular mechanisms**
Chairpersons: **Elena Izkhakov** | **Joachim Thiery**

08:30-08:45 **Endothelial Extracellular Vesicles as Cellular Rescue Packages**

Moran Yadid | The Azrieli Faculty of Medicine, Bar-Ilan University, Safed, Israel

08:45-09:00 **Is it time to consider a paradigm shift for lipid lowering during an acute coronary syndrome?**

Dov Gavish | Shaare Zedek Medical Center, Israel

Sponsored by: **sanofi**

09:00-09:15 **Effect of EPA-lactone derivative on MCT-pulmonary arterial hypertension**

Karthik Dhananjayan | Department of Nutrition and Natural Products, MIGAL - Galilee Research Institute, Israel

09:15-09:30 **Overnutrition causes insulin-dependent de-novo lipogenic pathways to become overactive in liver yet underactive in endothelium: a novel parallel signaling pathway unique to liver via insr-tc10-pi3kc2γ-pdpk1**

Kevin Williams | Cardiovascular Sciences, Professor of Medicine Lewis Katz School of Medicine at Temple University, Philadelphia, USA

09:30-09:45 **Dyslipidemia and Atherosclerosis in Oncology Patients & Cardio-Oncology Relevance**

Dan Gilon | Hadassah Hebrew University Medical Center, Jerusalem, Israel

09:45-10:15 **Coffee Break**

10:15-11:40 **Session 4: Age, Environment and Cardiovascular Disease**

Chairpersons: **Zfat Donna** | **Daniel Schurr**

10:15-10:40 **Environment and Health. What Clinicians Should Know?**

Victor Novack | Soroka University Medical Center Professor of Medicine, Ben-Gurion University of the Negev, Israel

10:40-10:55 **The effect of cannabis on cardiovascular disease**

Ran Abuhasira | Soroka University Medical Center, Beer-Sheva, Israel

10:55-11:10 **GLP-1 RA in T2D and ASCVD Patients- Gender differences and when is early enough?**

Ronen Durst | Hadassah Hebrew University Medical Center, Jerusalem, Israel

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11:10-11:40 **Key note lecture: Familial Hypercholesterolemia. Gaining decades of healthy life years by early detection and treatment**

Albert Wiegman | Amsterdam University Medical Centre, Amsterdam, Netherlands

Sponsored by: **MEDISON**

13:30 **Lunch**

15:00 **טיול בולענים לכל משתתפי הכנס, בהרשמה מראש**

Saturday 09.09.2023

09:30-13:30 **Poster session (Rafael Bitzur Prize for Young Investigators) (10 minutes each)**

Eugene Feigin | Sourasky Medical Center, Tel-Aviv, Israel

Moran Yadid | The Azrieli Faculty of Medicine, Bar-Ilan University, Safed, Israel

Karthik Dhananjayan | MIGAL-Galilee Research Institute, Ltd, Kiryat Shmona, Israel

Elad Shemesh | Sourasky Medical Center, Tel-Aviv, Israel

Soliman Khatib | MIGAL-Galilee Research Institute, Ltd, Kiryat Shmona, Israel

Shmet Manar | MIGAL-Galilee Research Institute, Ltd, Kiryat Shmona, Israel

Yair Vilian | Sourasky Medical Center, Tel-Aviv

09:30-13:30 **Research fund award presentation (10 minutes each)**

Elad Shemesh | Sourasky Medical Center, Tel-Aviv, Israel

Aviad Moshe Rotholz | Rabin Medical Center, Petah Tikva, Israel

Yaron Aviv | Rabin Medical Center, Petah Tikva, Israel

Tzlil Grinberg Shapira | Rabin Medical Center, Petah Tikva, Israel

Ofir Rab | Shaare Zedek Medical Center, Jerusalem, Israel

13:30 **Lunch**

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