

Thursday 7/9/2023

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| 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 <i>Alberico L. Catapano,</i> 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 <i>Soliman Khatib,</i> 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 <i>Noam Zelcer,</i> 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 <i>Elad Shemesh,</i> Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel |
| 15:55-16:10 | Targeting the residual inflammatory risk in atherosclerosis: a case for colchicine <i>Yehuda Kamari,</i> Sheba Medical Center, Tel-Hashomer, Israel |
| 16:10-16:40 | Keynote lecture: Cholesterol crystals in human atherosclerotic lesions observed by 3D cryo-electron-microscopy <i>Lia Addadi,</i> 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? <i>Rom Keshet,</i> Sheba Medical Center, Tel-Hashomer, Israel <i>sponsored by Novartis</i> |
| 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 |

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| | <i>Bart van de Sluis,</i> 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 <i>Alexandros Tselepis,</i> 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 <i>Gideon Paul,</i> Asaf-Harofeh medical Center, Tsrifin, Israel. <i>sponsored by Neopharm</i> |
| 18:30-18:45 | Atherosclerosis viewed from the inside <i>Elad Asher,</i> Head ICCU, Shaare Zedek Medical Center, Israel |
| 20:00 | Dinner |
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| | 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 <i>Moran Yadid,</i> 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? <i>Dov Gavish,</i> Shaare Zedek Medical Center, Israel <i>sponsored by Sanofi</i> |
| 09:00-09:15 | Effect of EPA-lactone derivative on MCT-pulmonary arterial hypertension <i>Karthik Dhananjayan,</i> 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 <i>Kevin Williams,</i> |

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| | 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 <i>Dan Gilon,</i> 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 |
| 10:15-10:30 | The effect of cannabis on cardiovascular disease <i>Bruria Hirsh Raccah,</i> Hadassah Medical Center, Jerusalem |
| 10:30-11:55 | Environment and Health. What Clinicians Should Know? <i>Victor Novack,</i> Soroka University Medical Center Professor of Medicine, Ben-Gurion University of the Negev |
| 11:55-11:10 | GLP-1 RA in T2D and ASCVD Patients- Gender differences and when is early enough? <i>Ronen Durst,</i> Hadassah Hebrew University Medical Center, Jerusalem, Israel <i>sponsored by Novo Nordisk</i> |
| 11:10-11:40 | Key note lecture : Familial Hypercholesterolemia. Gaining decades of healthy life years by early detection and treatment <i>Albert Wiegman,</i> Amsterdam University Medical Centre, Amsterdam, Netherlands. |
| 13:30 | Lunch |
| 15:00 | טיול בולענים לכל משתתפי הכנס, בהרשמה מראש |
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| | 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. Moran Yadid, The Azrieli Faculty of Medicine, Bar-Ilan University, Safed. Karthik Dhananjayan, MIGAL-Galilee Research Institute, Ltd, Kiryat Shmona. Elad Shemesh, Sourasky Medical Center, Tel-Aviv. Soliman Khatib, MIGAL-Galilee Research Institute, Ltd, Kiryat Shmona. Shmet Manar, MIGAL-Galilee Research Institute, Ltd, Kiryat Shmona. Yair Vilian, Sourasky Medical Center, Tel-Aviv. |

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| 09:30-13:30 | Research fund award presentation (10 minutes each) Elad Shemesh, Sourasky Medical Center, Tel-Aviv. Aviad Moshe Rotholz, Rabin Medical Center, Petah Tikva. Yaron Aviv, Rabin Medical Center, Petah Tikva. Tzlil Grinberg Shapira, Rabin Medical Center, Petah Tikva. Ofir Rabi, Shaare Zedek Medical Center, Jerusalem. |
| 13:30 | Lunch |