

MEDICINE 2042
JUNE 8-9, 2022
 TEL AVIV, ISRAEL



Draft Program updated: May 14, 2022 (received @22:39)

WEDNESDAY, JUNE 8, 2022			
Times	HALL A	HALL B	HALL C
07:30-08:30			Investigators Meeting by Invitation Only OBCT: EXO-CD24 the new steroid Chairs: Sotirios Tsiodras , Greece; Guy Choshen , Israel; Nadir Arber , Israel
08:30-10:00	Medicine 2042 – Opening Session Chairs: Nadir Arber , Israel; Itzhak Shapira , Israel; Rivka Carmi , Israel 08:30-08:35 Good morning 2042: Zion Hagay , Israel; 08:35-08:50 Medicine 2042: Ronni Gamzu , Israel - <i>Director General, Tel-Aviv Medical Center</i> 08:50-09:10 Medicine 2042? How did we miss 2020! Ran Balicer , Israel 09:10-09:30 Innovations– rules and mistakes: Jaroslaw Regula , Poland 09:30-09:45 Realizing the dreams for a better tomorrow: Tony Blair , UK – <i>Former Prime Minister of the UK</i> 09:45 10:00 Covid-19 Pandemic: New wave - other preparedness: Salman Zarka ; Israel – <i>Director General, Ziv Medical Center and the COVID19 Zar</i>		
10:00-10:30	Fruits and cookies		

WEDNESDAY, JUNE 8, 2022 continued			
Times	HALL A	HALL B	HALL C
10:30-12:00	<p>No more leukemia, no more lymphoma Chairs: <u>Irit Avivi</u>, Israel</p> <p>10:30-10:45 Prevention of AML: <u>Liran Shlush</u>, Israel</p> <p>10:45-11:00 Live forever with CLL: <u>Yair Herishanu</u>, Israel</p> <p>11:00-11:15 Chemo-free therapies – the end of lymphomas: <u>Tamar Tadmor</u>, Israel</p> <p>11:15-11:30 No more hematological malignancies! Do we still need hematologists? <u>Yael Cohen</u>, Israel</p> <p>11:30-11:45 Screening and prevention: <u>Yuval Ebenstein</u>, Israel</p> <p>11:45-12:00 The evolving landscape of precision oncology- Tumor type agnostic therapy: <u>Hagai Ligumsky</u>, Israel</p>	<p>Healthtech as a growth engine in medicine Chairs: <u>Rivka Carmi</u>, Israel; <u>Dina Ben Yehuda</u>, Israel,</p> <p>10:30-10:40 Introduction: <u>Daphna Murvitz</u>, Israel</p> <p>10:40-11:00 The innovative and entrepreneurial Clinician: <u>Dina Ben Yehuda</u>, Israel; <u>Roni Postan-Koren</u> Israel; <u>Michal Rozen Zvi</u>, Israel</p> <p>11:00-11:20 The Physician-scientist: a key pillar for the future medicine: <u>Rivka Carmi</u>, Israel; <u>Ephrat Levy Lahad</u>, Israel; <u>Yael Haberman</u>, Israel</p> <p>11:20-11:40 From a Defense industry to Healthtech: <u>Amira Sharon</u>, Israel; <u>Michal Soreni-Harari</u>, Israel</p> <p>11:40-12:00 Diversity and inclusion fueling HealthTech: <u>Rivka Carmi</u>, Israel; <u>Irit Yaniv</u>, Israel; <u>Reem Younus</u>, Israel</p>	<p>Who is better? Radiologist or a robot? Chairs: <u>Arye Blacher</u>, Israel; <u>Ilan Shelef</u>, Israel; <u>Eli Atar</u>, Israel</p> <p>10:30-10:45 Imagine imaging in 2042: <u>Galit Aviram</u>, Israel</p> <p>10:45-11:05 The future of MRI: way beyond the Image: <u>Dafna Ben Bashat</u>, Israel</p> <p>11:05-11:20 Robot or physician? A sober view of the future: <u>Gadi Levy</u>, Israel</p> <p>11:20-11:35 Locoregional treatments and immunotherapy in cancer: every cavity is accessible: <u>Michal Mauda-Havakuk</u>, Israel</p> <p>11:35-11:55 Will surgeons be needed in 2042: <u>Solomon Dadia</u>, Israel</p>
12:00-14:00	Lunch Symposium (food 12:00-12:30)		
	<p>Clearing IBD: the best of 2042 is already here Chairs: <u>Yehuda Chowers</u>, Israel; <u>Ariella Shitrit</u>, Israel; <u>Ayal Hirsh</u>, Israel</p> <p>12:30-12:50 Multidisciplinary team approach: a key to resolution of IBD (and chronic diseases...): <u>Iris Dotan</u>, Israel</p> <p>12:50-13:10 From small molecules to biologics and back: <u>Adi Lahat</u>, Israel</p> <p>13:10-13:30 AI in Gastroenterology: <u>Tom Konikoff</u>, Israel</p>	<p>The impossible meeting: Insurance health economy 2042: Insurance, regulators, providers, patients Panel leader: <u>Adi Bashan</u>, Israel Panelists: <u>Ozit Weinstein</u>; Ayalon <u>Sharona Tussia Fisher</u>; Migdal <u>Orit Kramer</u>; Menora <u>Dani Engel</u>; Herzelia Medical center Dilemmas: 1. Actuary: Healthy 200 = 150 like 50 or 100 like 100 2. The rise or fall of private insurance 3. What should be done now in order to be ready?</p>	<p>Cyber medicine Chairs: <u>Rivka Carmi</u>, Israel, <u>Yifat Oron</u>, Israel, TBD</p> <p>12:30-12:45 Hypes and pitfalls; <u>Amir Gilboa</u>, Israel</p> <p>12:45-13:00 TBD; <u>Avivit Kotler</u>, Israel</p> <p>13:00-13:15 Cyber and AI; <u>Itzhak Ben Israel</u>, Israel</p> <p>13:15-13:30 E-health over Mobile Broadband- cyber threats and protection directions; <u>Dror Fixler</u>, Israel</p> <p>13:30-13:45 Cybernetic implants- fiction or reality, TBD</p>

WEDNESDAY, JUNE 8, 2022 continued			
Times	HALL A	HALL B	HALL C
14:00-15:15	<p>Exosomes are the cure for everything Chairs: Tim Wessel, Germany; Shiran Shapira, Israel; TBD</p> <p>14:00-14:15 Exosomes: who are we and how can we help: Shiran Shapira, Israel</p> <p>14:15-14:30 Whispers of the embryo: the extracellular vesicles dialogue: Yael Heifetz, Israel</p> <p>14:30-14:45 Exosome precision therapeutics: Sonya Montgomery, UK</p> <p>14:45-15:00 Targeting exosome to heal the brain: Dani Offen, Israel</p> <p>15:00-15:15 Extracellular vesicles (EVs) derived from CAR-T Cells: The best therapy for cancer: Anat Aharon, Israel</p>	<p>Teaching medicine to the Z 0.8³ generation Chairs: Zion Hagay, Israel; Dina Ben Yehuda, Israel; Julius Špičák, Czech Republic</p> <p>14:00-14:15 The physician education must go on: Zion Hagay, Israel</p> <p>14:15-14:30 Choosing and educating generation A in 2042: Dina Ben Yehuda, Israel</p> <p>14:30-14:45 MD/PhD, physician assistance: the dean perspective: Ehud Grossman, Israel</p> <p>14:45-15:00 Physician burnout and effect on patient care: Sharon Pelles-Avraham, Israel</p> <p>15:00-15:15 What comes first: Patients' safety or innovations: Ami Fishman, Israel</p>	<p>Remodeling brain functions Chairs: Uri Ashery, Israel; Limor Avivi-Arber, Canada; TBD</p> <p>14:00-14:15 Brain in the computers - from mouse to human via the Blue Brain Project: Idan Segev, Israel</p> <p>14:15-14:30 The genetic code of memories: Ami Citri, Israel</p> <p>14:30-14:45 Aging – the most relevant future targeted disease: Shai Efrati, Israel</p> <p>14:45-15:00 Alzheimer is prevented: Noa Bregman, Israel</p> <p>15:00-15:15 Digging into the brain: (TEVA) TBD</p>
15:15-16:30	<p>Harm Reduction Therapies Chairs: David Khayat, France; Eitan Friedman, Israel; Imane Kendili, Morocco</p> <p>15:15-15:30 Harm reduction in smoking addiction; David Khayat, France</p> <p>15:30-15:45 Ethics of harm reduction: Peter Harper, UK</p> <p>15:45-16:00 Global warming and health?: Nir Shaviv, Israel, <i>Hebrew University</i></p> <p>16:00-16:15 The relevance of harm reduction in cancer: Redouane Rabii, Morocco</p> <p>16:15-16:30 Harm reduction in diet and obesity: Tsujii Yasushi Japan</p>	<p>From caveman to modern urban man: what are we going to eat in 2042 Chairs: Ronit Anbar, Israel; Avigdor Arad, Israel; Amit Ganor, Israel</p> <p>15:15-15:25 A training Computer named ME: Avigdor Arad, Israel</p> <p>15:25-15:35 Eat your print: Eschar Ben Shitrit, Israel</p> <p>15:35-15:45 Targeted nutritional therapy: Ronit Anbar, Israel</p> <p>15:45-15:55 Metabolic reprogramming and immune polarization: Shaul Lev, Israel</p> <p>15:55-16:05 Israel Glucose on the continuum: Limor Ben Haim, Israel</p>	<p>I want to be alive and well: The new aging: Healthy 100 Chairs: Sotirios Tsiodras, Greece; TBD;TBD</p> <p>15:15-15:30 Will the children of 2022 live through 2202? Kira Radinsky, Israel</p> <p>15:30-15:45 What are we going to do: Healthy 100; A blessing or a curse? Iliia Stambler, Israel</p> <p>15:45-16:00 Accelerated ageing and how to target it: Peter J. Barnes, UK</p> <p>16:00-16:15 Hypo-methylation = rejuvenation? David Sinclair, USA</p> <p>16:15-16:30 If your heart is broken it can be fixed: Lior Gepstein Israel</p>
16:30-16:45	Tea time		

WEDNESDAY, JUNE 8, 2022 continued

Times	HALL A	HALL B	HALL C
16:45-18:15	Plenary Session from the Big Bang to 2042 Chairs: <u>Nadir Arber</u> , Israel; <u>Idit Matot</u> , Israel; TBD 16:45-17:05 Bioethical obstacles on the way to cure COVID-19: <u>Aaron Ciechanover</u> , Israel 17:05-17:25 From the Big Bang to 2042 and beyond: <u>Avishai Dekel</u> , Israel 17:25-17:45 The 'Start Up' Nation Phenomenon: <u>Chaim Lotan</u> , Israel 17:45-18:05 Medical technologies in 2042: drug delivery, tissue engineering and mRNA therapies: <u>Robert Langer</u> , USA		

THURSDAY, JUNE 9, 202			
Times	HALL A	HALL ???	HALL D
07:30-08:30		Investigators Meeting by Invitation Only Check-cap	Investigators Meeting by Invitation Only CAPP3 Chairs: Mori Hay Levy , Israel; Gillian Borthwick , UK CAPP3 Israel: Mori Hay Levy , Israel CAPP3 Global: Gillian Borthwick , UK
08:30-09:30	Good morning 2042 Chairs: Nadir Arber , Israel; Ido Wolf , Israel; Gil Fire , Israel 08:30- 08:50 TBD: Roger D. Kornberg , USA - <i>Nobel Prize Laureate</i> 08:50- 09:10 Israel as a global transforming health care: Eyal Zimlichman , Israel 09:10- 09:30 The ubiquitin system and some lessons from my life in science: Avram Hershko , Israel - <i>Nobel Prize Laureate</i>		
	HALL A	HALL B	HALL C
09:30-11:00	Metabolism 2042: Obesity? IHD? Diabetes? We are all thin, fit and healthy!!! Chairs: Itamar Raz , Israel; Sigal Fishman , Israel; Roy Eldor , Israel 09:30-09:45 Insulin 2042: Peter Kurtzhals , Denmark 09:45-10:00 An incretin a day (week) will keep obesity a way: Daniel J. Drucker , Canada 10:00-10:15 Obesity: a cruel registry of sins with a long-term memory, but there is hope and forgiveness: Iris Shai , Israel 10:15-10:30 When RNA technologies meets ASCVD management; Chen Gurevitz , Israel 10:30-10:45 Artificial pancreas: Roy Eldor , Israel	Genetics 2042 Chairs: Hagit Baris-Feldman , Israel; Eyal Mishani Israel; Ohad Birk , Israel; Stavit A. Shalev , Israel 09:30-09:45 Therapeutic genome editing in cancer: Dan Peer , Israel 09:45-10:00 Cancer genomics - hereditary to somatic: Ephrat Levy Lahad , Israel 10:00-10:15 Methylation in liquid biopsy: Yuval Dor , Israel 10:15-10:30 The Neanderthal in us: how does ancient DNA influence our health? Israel Hershkovitz , Israel and Viviane Slon , Israel	CBRC annual meeting Chair: Ronit Satchi-Fainaro , Israel 09:30-09:45 Why do we need to print more tumors? Asaf Madi , Israel 09:45-10:00 Beyond Darwin: understanding cancer persisted cells: Yaara Oren , Israel 10:00-10:15 Astrocyte immunometabolic regulation of the tumor microenvironment drives glioblastoma pathogenicity: Lior Mayo , Israel 10:15-10:30 Enhancing the efficacy of CAR T cells in the microenvironment of brain tumors: Dinorah Friedmann-Morvinski , Israel 10:30-10:45 Targeting cancer cells by exploiting their chromosomal havoc: Uri Ben-David , Israel 10:45- 11:00 Opposing cancer cell plasticity with differentiation therapy: Dana Ishay-Ronen , Israel
	Fruits and Cookies (10:45-11:00)	Fruits and Cookies (10:30-11:00)	Fruits and Cookies (11:00-11:15)

THURSDAY, JUNE 9, 2022 continued

Times	HALL A	HALL B	HALL C
11:00-12:15	<p>The New Normal Medicine Chair: Ronni Gamzu, Israel Ronni Gamzu, Israel – <i>Director General, Tel-Aviv Sourrasky Medical Center</i> Jonathan Halevy, Israel – <i>Co. Director General, Shaare Zedek Medical Center</i> Ofer Merin, Israel – <i>Director General, Shaare Zedek Medical Center</i> Rafael Beyar, Israel – <i>Former Director, Rambam Health Care Campus</i> Anat Engel, Israel – <i>Director General, Wolfson Medical Center</i> Eyal Zimlichman, Israel – <i>Deputy Director General, Sheba Medical Center</i> Yaniv Sherer, Israel – <i>Director General, Barzilai Medical Center</i> Osnat Levtzion-Korach, Israel – <i>General Director, Shamir Medical Center (Assaf Harofeh)</i></p>	<p>3-D printing: Everything is replaceable, everything is curable Chairs: Howard Amital, Israel; Tanny Bachrach; USA, TBD 11:00 -11:15 Fighting brain malignancies in 3 dimensions: Ronit Satchi-Fainaro, Israel 11:15-11:30 Facial transplant: Eyal Gur, Israel 11:30-11:45 Engineering personalized neuronal tissue implants: Asaf Shapira, Israel 11:45-12:00 The skeleton: Solomon Dadia, Israel 12:00-12:15 Everything is replaceable: Tanny Bachrach, USA</p>	<p>What would you prefer: A doctor? A robot? Something new? Chairs: Rami Hershkoviz, Israel; Noam Shomron, Israel; Eyal Mishani, Israel 11:00 -11:15 The death of surgery: Amir Szold, Israel 11:15-11:30 The computerized, automated medical revolution: Ori Segol, Israel 11:30-11:45 Choosing wisely: Ran Balicer, Israel 11:45-12:00 Will therapeutic algorithms replace physicians' considerations? Noam Shomron, Israel 12:00-12:15 Therapeutic applications of injectable cooling technology: Lilit Garibyan, USA</p>

THURSDAY, JUNE 9, 2022 continued			
12:15-14:00	Lunch Symposia (food 12:00-12:30)		
	<p>The dark age of single organ screening is over Chairs: Siegal Sadetzki, Israel; Elizabeth Half, Israel; Salomon Stemmer, Israel; Robert Benamouzig, France</p> <p>12:45-13:00 CD24 and beyond: Shiran Shapira, Israel</p> <p>13:00-13:15 I can predict cancer: CRC as the model: Revital Kariv, Israel</p> <p>13:15-13:30 SpotitEarly: Scent based multi cancer early detection: Udi Bobrovsky; Israel</p> <p>13:30-13:45 The best therapy of cancer is prevention: Twenty years of experience of a one stop shop: Nadir Arber, Israel</p>	<p>Neopharm's vision Chairs: TBD; TBD; TBD</p> <p>12:45-13:00 Ileal Bile Acid Transporter Inhibitors: New Hope for Chronic Liver Diseases: Eyal Shteyer, Israel</p> <p>13:00-13:30 Debate: Early Intervention by Supplemental Parenteral Nutrition: Pro: Shaul Lev, Israel Con: Ido Wolf, Israel</p> <p>13:30-13:45 Complicated epilepsy syndromes; Michal Tzadok, Israel</p>	<p>Curing hepatitis Chairs: Jürgen Rockstroh, Germany; Ziv Ben-Ari, Israel; Oren Shibolet, Israel</p> <p>12:30-12:50 HCV elimination: Eli Zuckerman, Israel</p> <p>12:50-13:10 Cure of HDV: Jeffrey S. Glenn, USA</p> <p>13:10-13:30 Cure of HEV: Oren Shibolet, Israel</p>
14:00-15:15	<p>Novel therapies for COVID-19 Chairs: Neville Berkman; Israel; Sotirios Tsiodras, Greece; Steven Deeks, USA;</p> <p>14:00-14:15 From idea to the new generation steroid: efficacy without toxicity The EXO-CD24 platform: Shiran Shapira Israel</p> <p>14:15-14:30 The Enlivex story: Dror Mevorach, Israel</p> <p>14:30-14:45 Interferon lambda single dose "treat and done": Jeffrey S. Glenn, USA</p> <p>14:45-15:00 Baricitinib: from computer to FDA approval; Justin Stebbing, UK</p> <p>15:00-15:15 Novel preclinical approaches: Menashe Elazar, USA</p>	<p>Space Medicine Chairs: Daniella Rahamim-Cohen, Israel; Eran Schenker, Israel; TBD</p> <p>14:00-14:18 Living in Space- The Medical Challenge: Daniella Rahamim-Cohen, Israel</p> <p>14:18-14:36 Medical Innovations on the Space Station: Eran Schenker, Israel</p> <p>14:36-14:54 Cross contamination issues related to the health of astronauts on a future planetary mission: Sara Eyal, Israel</p> <p>14:54-15:12 The Dr. Astronaut perspective: Shir Stibba, Israel</p>	<p>Djerassi institute for Oncology The 3rd technology symposium and the 5th student symposium Chair: Noam Shomron, Israel</p>
15:15-15:30	Shakes and bakes		

THURSDAY, JUNE 9, 2022 continued			
Times	HALL A	HALL B	HALL C
15:30-16:45	<p>From one size fits all, to real personalized medicine</p> <p>Chairs: Roni Dodiuk-Gad, Israel; Emmilia Hodak, Israel; Michal Lotem, Israel; TBD</p> <p>15:30-15:45 Reversing personalized medicine in melanoma care: Gal Markel, Israel</p> <p>15:45-16:00 The future of health(care): Zayna Khayat, Canada</p> <p>16:00-16:15 Personalized medicine – The future of healthcare: Elizabeth J. Phillips, USA</p> <p>16:15-16:30 The role of clinician-led innovation in shaping the future of medicine: Lilit Garibyan, USA</p>	<p>I can see much better</p> <p>Chairs: Alon Harris, USA; Joseph Moisseiv, Israel; Ingrida Januleviciene, Lithuania</p> <p>15:30-15:42 I can see the virus ophthalmic COVID-19 detection: Alon Harris, USA</p> <p>15:42-15:54 Retinal innovations: Rita Ehrlich, Israel</p> <p>15:54-16:06 Genetics in ophthalmology: Thomas A. Ciulla, USA</p> <p>16:06-16:18 Mathematical modelling and artificial intelligence: Giovanna Guidoboni, USA</p> <p>16:18-16:30 Surgical robotics: Richard B. Rosen, USA</p> <p>16:30-16:42 Treatment of Eye Diseases in 2042: Barbara M. Wirostko, USA</p>	<p>Curing HIV. What's next?</p> <p>Chairs: Jürgen Rockstroh, Germany; Daniel Elbirt, Israel; Dan Turner, Israel</p> <p>15:30-15:50 The HIV Cure: Steven Deeks, USA</p> <p>15:50-16:10 Long acting agents for treatment of chronic HIV-infection: Jürgen Rockstroh, Germany</p> <p>16:10-16:30 Pan-viral vaccination: Ursula Jacob, Germany</p>
16:45-18:00	<p>2022 as the promo to 2043</p> <p>Chairs: Nadir Arber, Israel; TBD; TBD</p> <p>16:45-17:10 The 4th industrial revolution: Danny Gold, Israel - <i>Ministry of Public Security</i></p> <p>17:10-17:30 Developing the COVID Vaccine: vision, collaboration and a sense of urgency: Tal Zaks, USA</p> <p>17:30-17:45 TBD</p> <p>17:45-18:05 The Future of Health and Biomedicine. Where can technology take us in 2042: Daniel Kraft, USA</p>	<p>Veronique Ezrati, France</p> <p>Gas industry symposium</p>	
19:00-22:00	Faculty dinner with the president of Israel and Lior		