



Scientific Program

08:00-08:30 Gathering and registration					
08:30-09:30 Session 1: Oral presentations					
	Hall A: PGD 1	Hall B: Embryology 1	Hall C: Andrology 1	Hall D: Basic 1	Hall E
	Gheona Altarescu, Martha Dirnfeld, Baruch Feldman	Yulia Michaelov, Elena Milner, Maya Finkelstein	Arie Raziel, Ron Hauser, Matan Levi	Azem Foad, Adva Aizer, Benjamin Reubinoff	
08:30-08:45	<p>MODELING CANCER DEVELOPMENT WITH CRISPR-CAS9 ENGINEERED HESCS CARRYING MULTIPLE CANCER GENES</p> <p>Rose Mamistvalov-Cohen^{1,2}</p> <p>¹Stem Cell Research lab, Fertility & IVF Institute; CORAL - Center Of Regeneration And Longevity, Tel Aviv Sourasky Medical Center, Israel ²Dept. of Cell and Developmental Biology; Sagol School of Neuroscience, Tel Aviv University, Israel</p> <p><i>Basic Science award nominee</i></p>	<p>MANIPULATING OFFSPRING'S GENDER IN SHEEP</p> <p>Esther Karchovski-Shoshan, Michal Elbaz, Maya Ross, Alex Rozov, Eran Gershon</p> <p>Department of Animal Science, Agricultural Research Organization, Israel</p>	<p>BACTERIAL VAGINOSIS TREATMENTS IMPROVE SPERM FUNCTION IN A MICROBIOME-ASSOCIATED HUMAN CERVIX-CHIP</p> <p>Ola Gutzeit</p> <p>Rambam</p> <p><i>Clinical Science award nominee</i></p>	<p>THE POTENTIAL RELATIONSHIP BETWEEN OXIDATIVE STRESS IN FERTILE INDIVIDUALS AND SECONDARY INFERTILITY: A COMPARATIVE ANALYSIS OF PROTEOMIC PROFILES IN SEMINAL PLASMA</p> <p>Raneen Sawaid, Inshirah Sgayer, Ekaterina Shlush</p> <p>Galilee Medical Center</p>	<p>Psycho-Social Program</p>
08:45-09:00	<p>THE ROLE OF EXTRACELLULAR VESICLES AND LIPID DROPLETS IN EARLY IMPLANTATION: THE DYNAMICS OF EMBRYO-MATERNAL CROSS TALK</p> <p>Alisa Komsky-Elbaz¹, Rita Shuhmaher¹, Javier Arturo Sanchez-Lopez¹, Yoav Soen², Yael Heifetz¹</p> <p>¹Department of Entomology, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Israel ²Department of Biomolecular Sciences, Weizmann Institute of Science, Israel</p>	<p>INVESTIGATING HYPOXIA MECHANISMS IN THE PLACENTA: THE ROLE OF TRANSGLUTAMINASE 2 IN PREECLAMPSIA PATHOGENESIS</p> <p>Stav Hirshenzon, Doreen Padan Ben-Yashar, Yael Pewzner-Jung, Fortune Kohen, Michal Neeman</p> <p>Department of immunology and regenerative biology, The Weizmann institute of science, Israel</p>	<p>EFFECT OF MOUSE POSTNATAL AGE BEFORE PUBERTY ON THE DEVELOPMENT OF SPERMATOGENESIS IN VITRO</p> <p>Siba Eyadi¹, Eitan Lunenfeld², Huleihel Mahmoud¹</p> <p>¹The Shraga Segal Dept. Microbiology, Immunology and Genetics, The Center of Advanced Research and Education in Reproduction (CARER), Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel ²Adelson School of Medicine, Ariel University, Israel</p>	<p>FROM SPERMATOGENESIS TO TUMOR SUPPRESSION- THE STORY OF MEIG1</p> <p>Aviya Swisa, Leah Ever-Levin, Tal David, Hadar Manor, Liron Biniashvili</p> <p>Life sciences, Bar Ilan university, Israel</p> <p><i>Basic Science award nominee</i></p>	
09:00-09:15	<p>INFLUENCE OF BIOPSY TIMING ON PGT OUTCOMES</p> <p>Sapir Ben-Yosef¹, Tzvia Frumkin², Mira Malcov^{1,2}, Yael Kalma^{1,2}, Foad Azem^{1,2}, Dalit Ben-Yosef^{3,4}, Eytan Giladi Yacobi⁵</p> <p>¹Sackler faculty of medicine, Tel Aviv University, Israel ²In-Vitro Fertilization Unit, Lis Maternity Hospital, Tel Aviv Sourasky Medical Center, Israel ³Sackler faculty of medicine, Department of Cell and Developmental Biology, Sagol School of Neuroscience, Tel Aviv University, Israel ⁴In-Vitro Fertilization Unit, CORAL - Center of Regeneration and Longevity, Tel Aviv Sourasky Medical Center, Israel ⁵In-Vitro Fertilization Unit, Lis Maternity Hospital, Ichilov, Israel</p>	<p>THE IMPACT OF ENDOMETRIOMA SIZE ON SERUM AMH LEVELS: A SYSTEMATIC REVIEW AND META-ANALYSIS</p> <p>Nora Shapso¹, Liana Glick², Ido Izhaki³, Younis Younis⁴</p> <p>¹IVF, "TZAFON" medical center, Israel ²faculty of medicine, Bar Ilan, Bar Ilan university, Israel ³Department of Evolutionary and Environmental Biology, University of Haifa, Israel ⁴IVF unit, "TZAFON" medical center, Israel</p> <p><i>Clinical Science award nominee</i></p>	<p>A RARE TREASURE- FACTORS SHAPING FERTILITY POTENTIAL AND OBSTETRICAL OUTCOMES IN MEN WITH KLINEFELTER SYNDROME</p> <p>Itai Atar¹, Noga Fuchs Weizman¹, Foad Azem¹, Shimi Barda¹, Sandra Kleiman¹, Yael Kalma¹, Snir Dekalo²</p> <p>¹Institute for the Study of Fertility & Racine IVF Unit, Lis Maternity Hospital, Tel Aviv Sourasky Medical Center, Israel ²Department of Urology, Tel Aviv Sourasky Medical Center, Israel</p>	<p>XENOTRANSPLANTATION MODEL FOR TRANSPLANTATION OF HUMAN OVARIAN TISSUE IN IMMUNODEFICIENT RABBITS REPRESENTING HUMAN FEMALE ENDOCRINE ENVIRONMENT. A NOVEL RESEARCH MODEL WITH POTENTIAL CLINICAL ADVANTAGES</p> <p>Dror Meirou¹, Brooke Pallas², Itay Spector¹, Ilana Boustanai¹, Nathalie Hoffmann Dishon¹, Oren Kashi¹, Avraham J. Treves¹, Shlomi Reisman¹, Daria Lendengolts^{3,4}, Ketevan Levishvili¹, David Castel^{3,4}, Jonathan Weidenfeld⁵, Rina Hemi⁶, Jie Xu⁷</p> <p>¹The Morris Kahn Center for Fertility Preservation, Sheba Medical Center, Tel Hashomer, Israel ²Unit for Laboratory Animal Medicine, University of Michigan Medical School, United States ³Neufeld and Tamman Cardiovascular Research Institutes, Sheba Medical Center, School of Medicine, Tel Aviv University, Israel ⁴Heart Center, Sheba Medical Center, Tel Hashomer, Israel ⁵Department of Pathology, Sheba Medical Center, Tel Hashomer, Israel ⁶Endocrine Service Unit, Sheba Medical Center, Tel Hashomer, Israel ⁷Center for Advanced Models for Translational Sciences and Therapeutics, University of Michigan Medical Center, United States</p> <p><i>Basic Science award nominee</i></p>	

09:15-09:30	<p>SUPREME GENOME WIDE HAPLOTYPING ACCURACY OF SHAPLOSEEK DEMONSTRATED BY PRE- AND POST-NATAL VALIDATION David Zeevi¹, Daniel Backenroth² ¹Medical Genetics Institute, Shaare Zedek Medical Center, Israel ²Braun School of Public Health and Community Medicine, The Hebrew University of Jerusalem, Israel <i>Clinical Science award nominee</i></p>	<p>NO NEED TO WAIT FOR DELAYED NATURALLY IN-VITRO MATURED OOCYTES UNDERGOING CONVENTIONAL IVF Shirly Lahav¹, Idit Blais¹, Mara Koifman¹, Anat Aharoni¹, Mariel Pinski¹, Zofnat Wiener-Megnazi², David Ishai³, Sivan Skvirski³, Liron Kedar³, Galia Oron^{2,3} ¹Obs/Gyn Department IVF Unit, Lady Davis Carmel Medical Center, Haifa, Israel, Israel ²Ruth and Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel ³Obs/Gyn Department IVF Unit, Lady Davis Carmel Medical Center, Israel</p>	<p>POINT MUTATIONS AS MODULATORS OF Y CHROMOSOME AZFC DELETIONS IN MALE INFERTILITY: INSIGHTS INTO GENETIC RISK FACTORS Maisam Bashir^{1,2}, Noga Fuchs Weizman¹, Shimi Barda¹, Snir Dekalo¹ ¹Faculty of Medical and Health Sciences, Tel Aviv University, Male Fertility Clinic and Sperm Bank, Lis Maternity Hospital, Tel Aviv Sourasky Medical Center, Israel ²ARO-The Volcani Center, Institute of Animal Science, Israel</p>	<p>ESTABLISHING A HUMAN ENDOCRINE ENVIRONMENT IN TRANSGENIC IMMUNODEFICIENT RABBITS TO ENABLE HUMAN FOLLICLE GROWTH FOLLOWING XENOTRANSPLANTATION OF HUMAN OVARIAN TISSUE. Iana Boustanaï¹, Nathalia Hoffmann Dishon¹, Itay Spector², Rina Hemi³, Daria Lendengolts^{4,5}, David Castel^{4,5}, Brooke Pallas⁶, Jie Xu⁷, Dror Meirou^{1,8} ¹The Morris Kahn Center for Fertility Preservation Laboratory, Sheba Medical Center, Tel Hashomer, Israel ²The Morris Kahn Center for Fertility, Sheba Medical Center, Tel Hashomer Preservation Laboratory, Israel ³Endocrine Service Unit, Sheba Medical Center, Tel Hashomer, Israel ⁴Neufeld and Tamman Cardiovascular Research Institutes, Sheba Medical Center, Sackler School of Medicine, Tel Aviv University, Israel ⁵Heart Center, Sheba Medical Center, Tel Hashomer, Israel ⁶Unit for Laboratory Animal Medicine, University of Michigan Medical School, United States ⁷Center for Advanced Models for Translational Sciences and Therapeutics, University of Michigan Medical Center, University of Michigan Medical School, United States ⁸Faculty of Medicine and Health Science, Sackler School of Medicine, Tel Aviv University, Israel <i>Basic Science award nominee</i></p>
09:30-10:30	Session 2: Oral presentations			
	Hall A: PGD 2	Hall B: Embryology 2	Hall C: Andrology 2	Hall D: Basic 2
	Adrian Shulman, Michal Yunish, Oshrat Schonberger	Deborah Strassburger, Iris Har-Vardi, Yael Kalma	Eitan Lunenfeld, Itai Gat	Ofer Fainaru, Eran Gershon, Ronit Abir
09:30-09:45	<p>HIGHER LIVE BIRTH RATE PER TRANSFER USING THE HAPLOSEEK METHOD COMBINING PGT-A AND PGT-M COMPARED TO PGT-M ONLY IN COUPLES WITH MONOGENIC DISEASE Ariel Hourvitz^{1,2}, Alon Kedem^{1,2}, Ettie Maman^{2,3,4}, Micha Baum^{2,3,4}, Nataly Zilberman⁵, Pinhas Renbaum⁶, Rahel Beer⁶, Sharon Zeligson⁶, Tal Dor⁶, Elina Farhi⁶, Tal Azar Sued⁶, Elinor Haham⁶, David Zeevi⁶, Irit Granot⁴, Einat Eizenman⁴, Gheona Altarescu⁶, Michal Youngster^{1,7} ¹Shamir Medical Center, IVF Unit, Israel ²Tel Aviv University, Faculty of Medical and Health Sciences, Israel ³Sheba Medical Center, IVF Unit, Israel ⁴Hertzelia Medical Center, IVF Unit, Israel ⁵Shamir Medical Center, Department of Obstetrics and Gynecology, Israel ⁶Shaare Zedek Medical Center, Preimplantation Genetic unit, Medical genetics institute, Israel ⁷Tel Aviv University, Faculty of Medical and Health Science, Israel</p>	<p>THE IMPACT OF FEMALE AGE ON OOCYTE MORPHOLOGY IN A PRESUMED FERTILE POPULATION: A PROSPECTIVE STUDY OF 5934 OOCYTES Tali Levitas-Djerbi, Jordana Zerbib, Etgar Levi, Annaelle Berrebi, Lena Segal, Arie Raziell, Amir Shalev¹, Daniel Tairy, Eran Horowitz, Jacob Farhi, Ariel Weissman, Amir Ravhon, Yossi Mizrachi, Maya Finkelstein Edith Wolfson Medical Center, Fertility Unit, Israel</p>	<p>TRANSFERRING DEVELOPED COLONIES/CELLS WITHIN A 3D IN VITRO CULTURE TO A FRESH 3D CULTURE ENHANCED THE DEVELOPMENT OF PREMEIOTIC AND MEIOTIC CELLS COMPARED TO CULTURES WITHOUT TRANSFER Razan Agbaria¹, Eitan Lunenfeld², Mahmoud Huleihel¹ ¹The Shraga Segal Dept. Microbiology, Immunology and Genetics, The Center of Advanced Research and Education in Reproduction (CARER), Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel ²Adelson School of Medicine, Ariel University, Israel <i>Basic Science award nominee</i></p>	<p>THE ZYGOTENE CILIUM IN ZEBRAFISH, MICE AND HUMANS: CONSERVED FUNCTIONS IN MEIOSIS, GERM CELL DEVELOPMENT AND REPRODUCTION Avishag Mytilis, Yaniv M. Elkouby Developmental biology, The Hebrew university, Israel</p>
09:45-10:00	<p>THE ROLE OF MATERNAL MACROPHAGES IN THE DEVELOPING DECIDUA AND PLACENTA</p>	<p>NAVIGATING THE CHOICE BETWEEN EARLY DAY 5 OR FULLY HATCHED DAY 6 BLASTOCYST BIOPSY FOR PGT-M</p>	<p>CONSEQUENCES OF DNA DAMAGE INDUCED CHROMATIN CHANGES IN SPERMATOZOA AND DAMAGE REPAIR IN ZYGOTES</p>	<p>DECODING MECHANISMS AND LINEAGES OF GERMLINE STEM CELLS IN THE ZEBRAFISH OVARY</p>

	<p>Liad Graniewitz Visacovsky¹, Yael Pewzner-Jung¹, Jung-Seok Kim¹, Sebastien Trzebanski¹, Hanna Bueno-Levi², Ofra Golani³, Inna Goliand³, Steffen Jung¹, Michal Neeman¹</p> <p>¹Immunology and Regenerative Biology, Weizmann Institute of Science, Israel ²Veterinary Resources, Weizmann Institute of Science, Israel ³Life Sciences Core Facilities, Weizmann Institute of Science, Israel</p>	<p>Meirav Noach-Hirsh¹, Chen Shimon¹, Olga Dratviman-Storobinsky¹, Myriam Safrai^{1,2}, Lilach Marom Haham^{1,2}, Ronit Machtinger^{1,2}, Raoul Orvieto^{1,2}, Adva Aizer^{1,2}</p> <p>¹IVF Unit, Chaim Sheba Medical Center, Department of Obstetrics and Gynecology, Israel ²Tel Aviv University, Faculty of Medical and Health Science, Israel</p>	<p>Shir Shneor, Gilad Karavani, Michael Klutstein</p> <p>Hebrew University</p>	<p>Neta Hart¹, Johanna Kroll², Sylwia Czukiewska³, Yoel Bogoch¹, Susana Chuva de Sousa Lopes³, Jan Philipp Junker², Yaniv Elkouby¹</p> <p>¹Faculty of Medicine, Hebrew University of Jerusalem, Israel ²Medical Systems Biology, Max Delbrück Center for Molecular Medicine, Germany ³Department of Anatomy and Embryology, Leiden University Medical Center, Netherlands</p>	
10:00-10:15	<p>OVARIAN FOLLICULAR FLUID: LIQUID BIOPSY INSIGHTS VIA CFCHIP-SEQ IN IVF AND OOCYTE PRESERVATION</p> <p>Keren Marks Garber¹, Mali Katzinel-Gilad¹, Ela Fallik², Miri Godin¹, Yaakov Bentov¹, Efrat Esh-Broder¹, Ilana Weizel¹, Chana Adler Lazarovits¹, Ranit Hizkiyahu¹, Esti Harpenas², Ofer Beharier¹, Nir Friedman³, Anat Hershko Klement¹</p> <p>¹Department of Obstetrics and Gynecology, Hadassah - Hebrew University Medical Center, Mt. Scopus, Israel ²The Rachel and Selim Benin School of Computer Science and Engineering and the Lautenberg Center for Immunology and Cancer Research, The Hebrew University of Jerusalem, Israel ³The Rachel and Selim Benin School of Computer Science and Engineering and the Lautenberg Center for Immunology and Cancer Research, Hebrew University of Jerusalem, Israel</p>	<p>COMPARISON OF ULTRA-FAST AND STANDARD WARMING PROTOCOLS FOR VITRIFIED BLASTOCYSTS</p> <p>Shira Yaacobi-Artzi, Michal Yonish, Tal Shavit</p> <p>The IVF unit, Assuta Medical Center, Tel Aviv, Israel</p>	<p>ROUND SPERMATID-LIKE CELLS DEVELOPED IN A MICROFLUIDIC SYSTEM FRO ISOLATED CELLS OF SEMINIFEROUS TUBULES OF IMMATURE MICE, INDUCED PRONUCLEAR/EMBRYOS DEVELOPMENT AFTER ROUND SPERMATID INJECTION</p> <p>Ali AbuMadighem¹, Sholom Shuchat², Eitan Lunenfeld³, Gilad Yossifon², Yasuhiro Yamauchi⁴, Monika Ward⁴, Mahmoud Huleihel¹</p> <p>¹The Shraga Segal Department of Microbiology, Immunology and Genetics, The Center of Advanced Research and Education in Reproduction (CARER), Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel ²Faculty of Mechanical Engineering, Technion—Israel Institute of Technology, Haifa, School of Mechanical Engineering, Tel-Aviv University, Technion—Israel Institute of Technology, and Tel-Aviv University, Israel ³Adelson School of Medicine, Ariel University, Israel ⁴Institute for Biogenesis Research, John A. Burns School of Medicine, University of Hawaii, USA</p> <p><i>Clinical Science award nominee</i></p>	<p>THE TYROSINE KINASE FER PREVENTS SPONTANEOUS ACROSOME REACTION VIA ACTIVATION OF EPIDERMAL-GROWTH-FACTOR-RECEPTOR (EGFR)</p> <p>Odeya Yemini Talbi, Uri Nir, Haim Breitbart</p> <p>Bar-Ilan University</p>	
10:15-10:30	<p>ENHANCED HAPLOTYPE CONSTRUCTION IN PREIMPLANTATION GENETIC TESTING USING SNP MICROARRAY ANALYSIS</p> <p>Shira Shaviv, Pinhas Renbaum, Sharon Zeligson, Tal Dror, Lihi Amit, David Zeevi, Elina Farhi, Merav Ben Shlomo, Elinor Hakam, Tali Amar, Anat Yadin, Rachel Beerli, Gheona Altarescu</p> <p>PGT Unit, Medical Genetics Institute, Shaare Zedek Medical Center, Israel</p>	<p>IMPACT OF DOUBLE BIOPSIES ON EMBRYO QUALITY: EXPLORING POLAR BODY AND BLASTOMÈRE BIOPSIES INFLUENCE ON EMBRYO MORPHOKINETICS IN IVF-PGT CYCLES</p> <p>Einat Tako¹, Yael Kalma¹, Mira Malcov¹, Eynav Shporn¹, Benny Almog¹, Yonni Cohen¹</p> <p>¹Institute for the Study of Fertility & Racine IVF Unit, Lis Maternity Hospital, Tel Aviv Sourasky Medical Center, affiliated to the Faculty of Medicine and Health Sciences, Tel Aviv University, Tel Aviv, Israel.</p>	<p>THE CLINICAL SIGNIFICANCE OF USING A SECOND EJACULATE SAMPLE FOR IN-VITRO FERTILIZATION</p> <p>Shirly Lahav¹, Anat Aharoni¹, Idit Blais¹, Mara Koifman¹, Mariel Pinski¹, Zofnat Wiener-Megnazi^{1,2}, David Ishai^{1,2}, Suha Seh¹, Nadav Cohen¹, Galia Oron^{1,2}</p> <p>¹Obs/Gyn Department IVF Unit, Lady Davis Carmel Medical Center, Israel ²Ruth and Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel</p> <p><i>Clinical Science award nominee</i></p>	<p>ALPHA ANTI TRYPSIN (AAT) EFFECTS VASCULARISATION OF HUMAN OVARIAN TRANSPLANTS</p> <p>Shiri van Vuuren^{1,2}, Hannah Bella Ferster³, Avi Ben-Haroush^{1,3}, Shimon German², Yoel Shufaro^{1,2,4}, Ronit Abir^{1,2,4}</p> <p>¹Tel Aviv University Medical School, Tel Aviv University, Israel ²Infertility & IVF Unit, Rabin Medical Center, Israel ³Infertility & IVF Center, Rabin Medical Center, Israel ⁴Fertility Research Laboratory, Felsenstein Medical Research Center, Israel</p>	
10:30-11:00	Coffee break, visit the exhibition and view the posters				

11:00-13:00 Session 3: Plenary Session					
	Hall A Chairs: Yoel Shufaro, Ido Ben Ami, Neri Laufer				Hall E
11:00- 11:15	Yearly summary Raoul Orvieto , Professor, Chairman of the Israeli Fertility Association				Psycho-Social Program
11:15-11:50	Abbott- Prerecorded Innovative Approaches to FET – have we got it right? Georg Griesinger , Professor, Universitätsklinikum Schleswig-Holstein – Campus Lübeck				
11:50-12:25	Merck Back to the Future - back to physiology - The role of Physiology in ovarian stimulation Michael H Dahan MD , Professor (Associate) at McGill University Health Centre, Canada				
12:25 - 13:00	Now we have the data! But are they true? Ben Mal , Professor, Obstetrics & Gynecology Monash Health, Australia				
13:00- 14:00	Lunch break, visit the exhibition and view the posters				
	Hall B Tzamal D-Chem Laboratories ZIWIG Endotest for the Diagnosis of Endometriosis Associated Infertility, Now in Your Hands Shlomi Cohen , Professor, Head of Chronic Pelvic Pain Clinic, Endometriosis Center, Sheba Medical Center (13:20-13:50)				
14:00-15:00 Session 4: Plenary Session					
	Hall A Chairs: Eran Horowitz, Einat Paz Shalom, Johnny Younis				
14:00- -14:20	IVF Figures 2023 Liat Lerner Geva , Professor, Sheba Tel-Hashomer				
14:20-14:35	Appreciation Award, Awards and Prizes Clinical: Benny Fisch, Ariel Weissman, Avi Tzafrir Basic: Orana Bern, Avi Ben-Harush, Galia Oron Poster: Ilan Calderon, Martha Dirnfeld, Ido Ben Ami The Gabriel and Nurith Reubinoff Foundation Scholarship Awardee: Dr. Marva Bergman				
14:35 -14:40	Results of 2025 Election Einat Paz Shalom , Professor, The Fertility and In Vitro Fertilization (IVF) Unit at Hillel Yaffe Medical Center				
14:40- 14:50	Technical break				
14:50-15:50 Session 5: Oral presentations					
	Hall A: AI 1	Hall B: ART 1	Hall C: ART 2	Hall D: ART 3	Hall E: Andrology 2
	Ariel Hourvitz , Assaf Ben-Meir, Shachar Kol	Ronit Beck-Fruchter , Hadar Amir	Anat Hershko , Bozhena Saar-Ryss	Amir Weintraub , Yuval Or, Yossi Mizrachi	Micha Baum , Shevach Friedler, Anat Stein
14:50- 15:05	AI-POWERED DESELECTION OF ANEUPLOID EMBRYOS: MULTICENTER VALIDATION OF A NONINVASIVE APPROACH TO OPTIMIZE IVF SUCCESS Maya Shapiro, Yishay Tauber, Daniella Gilboa, Daniel Seidman Research and Development, AIVF, Israel	TWIN PREGNANCY FOLLOWING ASSISTED REPRODUCTIVE TREATMENTS: IS IT A RISK FACTOR FOR ADVERSE PERINATAL OUTCOME? Noa Leybovitz Haleluya , Tamar Wainstock, Eyal Sheiner Department of Obstetrics and Gynecology, Faculty of Health Sciences, Soroka University Medical Center, Ben-Gurion University of the Negev, Israel	THE EFFECT OF FERTILITY PRESERVATION (FP) ON TIMING OF FIRST THERAPEUTIC INTERVENTION IN BREAST CANCER (BC) PATIENTS TREATED IN THE NEOADJUVANT AND ADJUVANT SETTING Chen Berkovitz ¹ , Dror Meirou ^{1,2,3} , Tal Sella ^{4,5} , Prof Raoul Orvieto ^{1,3} , Jigal Haas ^{1,3} , Adva Aizer ^{1,3} , Myriam Safrai ^{1,2,3} , Moran Shapira ^{2,3,5} ¹ School of Medicine, Tel Aviv University, Israel ² Sheba medical center, Fertility preservation center, Israel ³ Sheba Medical Center, IVF Unit, Israel ⁴ Sheba Medical Center, Department of Oncology, Israel ⁵ Tel Aviv University, School of Medicine, Israel	MONITORING OVARIAN STIMULATION FOR ASSISTED REPRODUCTION WITH PATIENT SELF-SCANS USING A HOME VAGINAL ULTRASOUND DEVICE Yoel Shufaro ^{1,2} , Mor Cohen ¹ , Avital Wertheimer ^{1,2} , Eran Altman ^{1,2} , Onit Sapir ¹ , Avi Ben-Haroush ^{1,2} , Alyssa Hochberg ^{1,2} ¹ Infertility and IVF Unit, Beilinson Hospital, RMC, Israel ² Faculty of Medicine, Tel Aviv University, Israel	THE DIAGNOSTIC VALUE OF POINT-OF-CARE ULTRASONOGRAPHY IN THE DIFFERENTIAL DIAGNOSIS OF AZOOSPERMIA: INTRODUCTION OF A CONCEPT Shlomi Barak ^{1,2} , Netanel Waldenberg ³ , Guy Bar ^{1,2} , Snir Dekalo ^{4,5} ¹ Reproductive Services, Assuta Ashdod University Hospital, Israel ² Obstetrics and Gynecology, Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel ³ for Female and Male Infertility, The Multidisciplinary Center for Female and Male Infertility, Israel ⁴ Urology Department, Sourasky Medical Center, Israel ⁵ Faculty of Medical health and sciences, Tel-Aviv University, Israel

15:05- 15:20	<p>COMPARING ONGOING PREGNANCY RATE AFTER SINGLE VITRIFIED-WARMED BLASTOCYST TRANSFER USING A DEEP-LEARNING MODEL VS GARDNER BLASTOCYST ASSESSMENT</p> <p>Shiri Avivi, Bila Maslansky, Orit Lamberger, Michal Youngster, Sarit Avraham, Adi Kuperman Shani, Alon Kedem, M. Gil Yerushalm, Itai Gat, Jonathan Barkat, Ohad Baruchin, Einat Oz Marcuschamer, Shani Bash, Keren Ovadia, Malka Rot-Levi, Idan Koren, Ariel Hourvitz, Deborah Strassburger Tel Aviv University, Shamir Medical Center, Israel</p>	<p>DOES LOW BIRTH WEIGHT HAVE AN EFFECT ON OVARIAN RESERVE?</p> <p>Chen Nahshon, Nir Kugelman, Sivan Skvirsky, Yael Liel, Maayan Lahav-Sher, Shiran Kleinfeld1, Amit Damti, Maya Gruber, Dana Mertik, Rachelli Fried, Rooya Nejem, Reuven Kedar, Ofer Lavie, Galia Oron Obstetrics & Gynecology, Carmel Medical Center, Israel Subsequent Pregnancies</p>	<p>FERTILITY PRESERVATION PRACTICES IN BREAST CANCER PATIENTS: INSIGHTS FOR A DECADE-LONG STUDY</p> <p>Elisheva Strauss¹, Jordana Hyman², Shani Paluch-Shimon³, Ido Ben-Ami², Naama Srebnik², Avi Tsafirir² ¹Tel Aviv university, Sackler Faculty of Medicine, Israel ²IVF unit, Department of Obstetrics and Gynecology, Shaare Zedek Medical Center, Faculty of Medicine, Hebrew University of Jerusalem, Israel, Israel ³Breast Oncology Unit, Hadassah University Hospital & Faculty of Medicine, Hebrew University, Israel</p>	<p>A DAY EARLY EMBRYO TRANSFER IN NATURAL CYCLES IS COMPARABLE TO ON-TIME TRANSFER</p> <p>Naama Srebnik^{1,2}, Keren Rotshinker-Olshinka^{1,2}, Ido Gal², Idit Buchbut^{1,2}, Avi Tsafirir^{1,2}, Eliyahu M Heifetz³, Ido Ben-Ami^{1,2} ¹IVF unit, Shaare Zedek Medical Center, Israel ²School of Medicine, Hebrew University, Israel ³JCT, Lev Academic Center, Israel</p>	<p>THE IMPACT OF BRCA PATHOGENIC VARIANTS ON MALE REPRODUCTION IN PGT CYCLES</p> <p>Noa Shuster¹, Dalit May², Heli Alexandroni³, Ido Ben-Ami⁴, Gheona Altarescu⁵ ¹The Faculty of Medicine, The Hebrew University of Jerusalem, Israel ²Shaare Zedek, Medical Genetics Institute, Israel ³Shaare Zedek, Obstetrics and Gynecology Division, Israel ⁴Shaare Zedek, Fertility and IVF Unit, Israel ⁵Shaare Zedek, The pre-implantation genetic diagnosis unit, Israel</p>
15:20- 15:35	<p>A NOVEL DECISION-MAKING PROTOCOL FOR THE PREDICTION OF SPERM RETRIEVAL IN KLINEFELTER'S SYNDROME PATIENTS</p> <p>Shlomi Barak^{1,2}, Netanel Waldenberg³, Aharon Peretz⁴, Reut Bartoov⁵, Guy Bar¹, Snir Dekalo⁶ ¹Reproductive Services, Assuta Ashdod University Hospital, Israel ²Obstetrics and Gynecology, Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel ³The Multidisciplinary Center for Female and Male Infertility, The Multidisciplinary Center for Female and Male Infertility, Israel ⁴IVF & Infertility Unit, Shaare Zedek Medical Center, Israel ⁵The Bartoov Center - the Comprehensive Center for Male Fertility, The Bartoov Center - the Comprehensive Center for Male Fertility, Israel ⁶Urology Department, Tel Aviv Sourasky Medical Center, Israel</p>	<p>AFTER CONSERVATIVE PLACENTA ACCRETA SPECTRUM MANAGEMENT: A POPULATION-BASED STUDY</p> <p>Shmuel Somer¹, Daniel Karasik², Myriam Safrai³, Joshua Rosenbloom⁴ ¹Department of Staj, Sheba Medical Center, Israel ²School of Medicine, Case Western Reserve University, USA ³IVF Department, Obstetrics and Gynecology, Sheba Medical Center, Israel ⁴Department of Obstetrics and Gynecology, Hadassah Medical Center, Israel</p>	<p>OPTIMIZING FERTILITY PRESERVATION: THE ECONOMIC AND REPRODUCTIVE BENEFITS OF EARLY FRAGILE X SCREENING</p> <p>Michal Rosenberg Friedman, Yoni Cohen, Mira Malkov, Tali Ben-Mayor Bashi, Adiel Kahana, Foad Azem Tel Aviv University (affiliated with Sackler Faculty of Medicine, Lis Maternity and Women's Hospital, Tel Aviv Sourasky Medical Center, Israel</p>	<p>PLANNED OOCYTE CRYOPRESERVATION: IS A WASHOUT PERIOD NEEDED BEFORE INITIATING A NEW CYCLE?</p> <p>Yossi Mizrachi, Ariel Weissman, Liat Mor, Eliel Kedar Sade, Tali Levitas-Djerbi, Maya Finkelsein, Daniel Tairy, Amir Shalev, Jacob Farhi, Arie Razieli, Eran Horowitz E.Wolfson Medical Center, Fertility Unit, Israel</p>	<p>A NOVEL LOSS OF FUNCTION MUTAION IN THE MCMDC2 GENE IS ASSOCIATED WITH MALE INFERTILITY</p> <p>Ori Cohen^{1,2}, Florence Abou^{1,2}, Netanel Waldenberg³, Moran Gershon⁴, Naama Steiner⁵, Ruti Parvari^{1,2}, Shlomi Barak^{3,6} ¹National institution of Biotechnology in the Negev, Ben-Gurion University of the Negev, Israel ²The Shraga Segal Department of Microbiology, Immunology and Genetics Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel ³Male Infertility, The Multidisciplinary Center for Male & Female Reproduction & Fertility, Israel ⁴Volcani Center, Institute of Animal Sciences, Agriculture Research Organisation, Israel ⁵department of obstetrics and gynecology, Soroka University Medical Center, Fertility and IVF unit, Israel ⁶Reproductive Service, Assuta Ashdod University Hospital, Israel</p>
15:35- 15:50	<p>ARTIFICIAL INTELLIGENCE ASSISTED SELECTIVE MODIFIED NATURAL FROZEN EMBRYO TRANSFER</p> <p>Michal Youngster, Eden Moran Shamir Medical Center</p>	<p>THE EFFECT OF ENDOMETRIAL THCKNESS ON PREGNANCY OUTCOMES AND OBSTETRIC COMPLICATIONS IN FROZEN-THAWED EMBRYO TRANSFER CYCLES</p> <p>Yaara Ferman Mintz^{1,2}, Shira Baram^{2,3}, Firas Zbidat², Ido Izhaki⁴, Ronit Beck-Fruchter^{2,3} ¹Department of Obstetrics and Gynecology, Clalit Health Services, Israel ²Department of Obstetrics and Gynecology, Emek Medical Center, Israel ³Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel ⁴University of Haifa, University of Haifa, Israel</p>	<p>FACTORS INFLUENCING IVF OUTCOMES AFTER OVARIAN TISSUE CRYOPRESERVATION AND TRANSPLANTATION IN CANCER SURVIVORS</p> <p>Myriam Safrai^{1,2,3}, Maya Elly³, Adva Aizer^{1,3}, Jigal Haas^{1,3}, Raoul Orvieto^{1,3}, Ketevan Levishvili², Yehonatan Marziano², Moran Shapira^{2,3,4}, Dror Meirou^{2,3} ¹IVF unit, Department of Obstetrics and Gynecology, Chaim Sheba Medical Center, Israel ²Department of Obstetrics and Gynecology, Sheba Medical Center, Morris Kahn Fertility Preservation Center, Isarel ³Tel Aviv University, School of Medicine, Isarel ⁴IVF unit, Department of Obstetrics and Gynecology, Chaim Sheba Medical Center, Israel</p>	<p>IS OOCYTE MATURATION RATE AFFECTED BY THE TYPE OF OVULATION TRIGGERING IN FERTILITY PRESERVATION CYCLES? A COMPARISON BETWEEN GNRH AGONIST AND DUAL TRIGGERING.</p> <p>Chen Nahshon, Efrat Yanai, Nir Kugekman, Wisam Assaf, Sivan Skvirsky, Galia Oron OB&GYN, Carmel Medical Center, Israel</p>	<p>PREDICTION OF TREATMNET OUTCOME AMONG PATIENTS WITH CRYPTOZOOSPERMIA AND NON-OBSTRACTIVE AZOOPERMIA OF THE FIRST FRESH IVF CYCLE USING MACHINE LEARNING</p> <p>Atif Zeadna, Rain Asulin Fertility and IVF Unit, Department of Obstetrics and Gynecology, Soroka University Medical Center, B</p>

15:50-16:00	Technical break				
16:00-17:00	Session 6: Oral presentations				
	Hall A: AI 2	Hall B: ART 5	Hall C: ART 6	Hall D: ART 7	Hall E: Andrology 3
	Ekaterina Shlush, Daniel Seidman	Yuval Bdolah, Samer Khoury	Yossi Hason, Dror Meirou	Jimmy Jadaon, Rafael Ron-El	Eran Altman, Noga Fuchs Weizman
16:00- 16:15	<p>AI-POWERED OOCYTE PREDICTION FOR TRIGGER TIMING: A CROSS-CONTINENTAL VALIDATION</p> <p>Ettie Maman^{1,2,3}, Eden Moran⁴, Nevo Itzhak⁴, Almog Luz⁴, Shachar Reuveny⁴, Rohi Hourvitz⁴, Michal Youngster^{3,5}, Micha Baum^{1,2}, Ariel Hourvitz^{3,5}</p> <p>¹IVF unit, Sheba Medical Center, Israel ²IVF unit, Herzliya Medical Center, Israel ³Faculty of Medicine, Tel Aviv University, Israel ⁴FertilAI, FertilAI, Israel ⁵IVF unit, Shamir Medical center, Israel</p>	<p>TREATMENT OUTCOMES AND OBSTETRICAL COMPLICATIONS IN HIGH RESPONDERS: FREEZE-ALL VS. FRESH EMBRYO TRANSFERS</p> <p>Yarden Sela^{1,2}, Avital Wertheimer^{1,2}, Limor Vaknin^{1,2}, Onit Sapir^{1,2}, Eran Altman^{1,2}, Alyssa Hochberg^{1,2}, Avi Ben-Haroush^{1,2}, Yoel Shufaro^{1,2}</p> <p>¹Fertility and In Vitro Fertilization Unit, Women's Hospital and Maternity Hospital - Beilinson and Hasharon, Israel ²Faculty of Medical & Health Science, Tel Aviv university, Israel</p>	<p>REPRODUCTIVE AXIS RECOVERY POST OVARIAN STIMULATION AND GONADOTROPIN RELEASING HORMONE AGONIST (GNRH-A) TRIGGER</p> <p>Tatyana Breizman, Shaha Kol Elisha Hospital</p>	<p>ARE THERE CLINICAL PARAMETERS ASSOCIATED WITH INCREASED DIRECT CLEAVAGE RATE DURING IN VITRO FERTILIZATION?</p> <p>Or Touval, Renana Izakson, Einat Haikin Herzberger, Netanella Miller, Yehudit Ghetler, Luba Nemerovsky, Mattan Levi, Roni Rahav Koren, Amir Wiser</p> <p>IVF Unit, Department of Obstetrics and Gynecology, Faculty of Medical & Health Sciences, Tel Aviv University, Meir Medical Center, Israel</p>	<p>MALE INFERTILITY AS A WINDOW INTO SYSTEMIC HEALTH: A CONCEPTUAL SYSTEMATIC REVIEW OF ITS ROLE AS A BIOMARKER FOR FUTURE COMORBIDITIES</p> <p>Raneen Sawaid, Ekaterina Shlush IVF, Galilee Medical Center, Israel</p>
16:15- 16:30	<p>GLOBAL VALIDATION OF MACHINE LEARNING FOR IVF SUCCESS: A ROBUST FRAMEWORK FOR PREDICTING EMBRYO PREGNANCY POTENTIAL</p> <p>Yishay Tauber, Maya Shapiro, Yuval Amar, Daniella Gilboa Research and Development, AIVF, Israel</p>	<p>DOES SPONTANEOUS BLASTOCYST RE-EXPANSION POST-THAWING PREDICT IVF SUCCESS?</p> <p>Noa Golan Accav¹, Roni Rahav¹, Rotem Kopel¹, Einav Shporn¹, Sophie Sacofsky¹, Adi Kamil-Cohen¹, Shir Nissim¹, Foad Azem¹, Dalit Ben Yosef^{1,2}, Yael Kalma¹</p> <p>¹Lis Maternity hospital, Tel Aviv Sourasky Medical Center, Fertility and IVF Institute, Israel ²Tel Aviv University, Sackler Faculty of Medicine, Israel</p>	<p>ASSOCIATION OF TELOMERE LENGTH IN GRANULOSA CELLS AND LEUKOCYTES WITH IVF OUTCOME: A PROSPECTIVE STUDY</p> <p>Shir Gruber^{1,2}, Avital Wertheimer^{1,2}, Avi Ben-Haroush^{1,2}, Tzippy Shochat², Hosniyah El Ayoubi³, Yehuda Tzfat³, Yoel Shufaro^{1,2}</p> <p>¹Helen Schneider Hospital for Women, Beilinson hospital, Israel ²Sackler Faculty of Medicine, Tel Aviv University, Israel ³Department of Genetics, The Silberman Institute of Life Sciences, The Hebrew University of Jerusalem, Israel</p>	<p>LONG TERM SAFETY OF CONTROLLED OVARIAN STIMULATION (COS) FOR FERTILITY PRESERVATION (FP) PRIOR TO CHEMOTHERAPY TREATMENT IN BREAST CANCER PATIENTS</p> <p>Moran Shapira^{1,2,3}, Tal Sella^{3,4}, Myriam Safrai^{1,2,3}, Eviatar Villain³, Dror Lifshitz^{1,3}, Raoul Orvieto^{1,3}, Einav Gal Yam^{3,4}, Dror Meirou^{1,2,3}</p> <p>¹IVF Unit, Sheba Medical Center, Israel ²Fertility Preservation Center, Sheba Medical Center, Israel ³School Of Medicine, Tel Aviv University, Israel ⁴Oncologic Department, Sheba Medical Center, Israel</p>	<p>THE IMPACT OF HIGH SPERM CONCENTRATION ON IN VITRO FERTILIZATION OUTCOMES</p> <p>Zohar Goichberg^{1,2}, Netanella Miller^{1,2}, Mattan Levi^{1,2}, Roni Rahav Koren^{1,2}, Einat Haikin Herzberger^{1,2}, Luba Nemerovsky^{1,2}, Amir Wiser^{1,2}</p> <p>¹IVF Unit, Department of Obstetrics and Gynecology, Meir Medical Center, Israel ²Faculty of Medical & Health Sciences, Tel Aviv University, Israel</p>
16:30- 16:45	<p>KID SCORE VS. AI VS. EMBRYOLOGIST: WHO MAKES THE BEST CALL?</p> <p>Elena Milner, Pavel Itsykson, Shaha Kol IVF, Elisha Medica, Israel</p>	<p>STRINGENT REGULATIONS OF OOCYTE DONATION AMONG JEWISH WOMEN IN ISRAEL: CHARACTERISTICS AND OUTCOMES OF THE NATIONAL OOCYTE DONATION PROGRAM IN ONE CENTRAL IVF UNIT</p> <p>Livia Preisler</p> <p>Racine IVF Unit, Fertility Institute, Lis Maternity Hospital, Tel Aviv Sourasky Medical Center, Israel</p>	<p>IS BLASTOCYST TRANSFER INTO A DAY 4 UTERUS A VIABLE ALTERNATIVE IN NATURAL CYCLE FET?</p> <p>Jigal Haas^{1,2}, Raoul Orvieto^{1,2}, Aliza Segev-Zahav¹, Judith Frei¹, Moran Shapira^{1,2}, Ettie Maman^{1,2}, Ravit Nahum^{1,2}, Adva Aizer^{1,2}</p> <p>¹IVF Unit, Chaim Sheba Medical Center, Department of Obstetrics and Gynaecology, Israel ²Tel Aviv University, Faculty of Medical and Health Science, Israel</p>	<p>DYNAMICS OF PLACENTAL OXYGEN MACHINERY UPON MURINE GESTATIONAL HYPOXIA OFFER A POSSIBLE NOVEL ADAPTATION MECHANISM</p> <p>Doreen Padan Ben-Yashar¹, Talia Harris², Rachele Stefania³, Inna Goliand⁴, Gila Meir¹, Ofra Golani⁴, Yael Pewzner-Yung¹, Yael Kuperman⁵, Sima Stroganov¹, Gil Belisha¹, Golda Gross¹, Stav Hirshenzon¹, Fortune Kohen¹, Silvio Aime⁶, Nava Dekel¹, Michal Neeman¹</p> <p>¹Immunology and Regenerative Biology, The Weizmann Institute of Science, Israel ²Chemical Research Support, The Weizmann Institute of Science, Israel ³Department of Science and Technological Innovation, University of Eastern Piedmont, Italy ⁴Life sciences Core Facilities, The Weizmann Institute of Science, Israel ⁵Department of Veterinary Resources, The Weizmann Institute of Science, Israel ⁶Molecular Biotechnology Center, University of Torino, Italy</p>	<p>IMPACT OF TIME ON SPERM QUALITY: WASHED VS. THAWED SAMPLES</p> <p>Adiel Kahana¹, Emily Hamilton², Noga Fuchs Weizman¹</p> <p>¹Institute for the Study of Fertility & Racine IVF Unit, Lis Maternity Hospital, Sourasky Medical Center, Israel ²Faculty of Medicine and Health Sciences, NY State/American Program, Israel</p>

<p>16:45-17:00</p>	<p>AI REVOLUTION IN EMBRYO PLOIDY SCREENING: OPTIMIZING IVF SUCCESS THROUGH REAL-WORLD DATA INSIGHTS Daniella Gilboa, Maya Shapiro, Yishay Tauber, Daniel Seidman <i>Research and Development, AIVF, Israel</i></p>	<p>ASSOCIATION BETWEEN EARLY PREGNANCY PROGESTERONE LEVELS AND INTRAUTERINE GROWTH RESTRICTION IN IN VITRO FERTILIZATION PREGNANCIES Raneen Sawaid¹, Silas Assi¹, Inshirah Zgayer¹, Ekaterina Shlush¹ <i>IVF, Galilee Medical Center, Israel</i></p>	<p>AGING AND ANTI-AGING PROCESSES IN GRANULOSA CELLS Henny Mozes, Michael Klutstein <i>Hebrew University of Jerusalem</i></p>	<p>MRI-BASED MONITORING OF IRON DEFICIENCY IN THE MATERNAL-FETAL UNIT Lital Ben Moyal¹, Talia Harris², Michal Neeman¹ ¹<i>Department of Immunology and Regenerative Biology, Weizmann Institute of Science, Israel</i> ²<i>Department of Chemical Research Support, Weizmann Institute of Science, Israel</i></p>	
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