



Scientific Program

08:00-08:30	Gathering and registration				
08:30-09:30	Session 1: Oral presentations				
	<b>Hall A: PGD 1</b>	<b>Hall B: Embryology 1</b>	<b>Hall C: Andrology 1</b>	<b>Hall D: ART 1</b>	<b>Hall E</b>
08:30-09:30	Chair: <b>Gheona Altarescu, Yuval Or, Einat Shalom Paz</b>	Chairs: <b>Adva Aizer, Yulia Michailov, Elena Milner</b>	Chairs: <b>Ofer Fainaru, Ron Hauser, Mahmoud Huleihel</b>	Chairs: <b>Azem Foad, Sahar Kol, Anat Hersko Klement</b>	Psyco Social Program – please see below
08:30-08:45	<p>THE IMPACT OF ASTROCYTES ON NEURAL DYSFUNCTION IN FRAGILE X SYNDROME Ron Flohr<sup>1</sup></p> <p><sup>1</sup>Stem Cell Research lab, Fertility &amp; IVF Institute; CORAL – Center Of Regeneration And Longevity, Tel Aviv Sourasky Medical Canter, Israel. Dept. of Cell and Developmental Biology, Sackler Faculty of Medicine; Sagol School of Neuroscience, Tel Aviv University, Israel</p>	<p>BEYOND IMPLANTATION AND BIRTH RATES?: EXAMINING MORPHOKINETIC TIME-LAPSE MODELS AS PREDICTORS OF DIVERSE PERINATAL OUTCOMES Liron Kedar<sup>1</sup></p> <p><sup>1</sup>A Division of Reproductive Endocrinology and In Vitro Fertilization (IVF), Department of Obstetrics and Gynecology, Lady Davis Carmel Medical Center, Haifa, Israel b Ruth and Bruch Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel</p>	<p>SPERM EXTRACTION OUTCOMES IN MICROSURGICAL TESTICULAR SPERM EXTRACTION, TESTICULAR SPERM EXTRACTION AND TESTICULAR SPERM ASPIRATION, AND THEIR ASSOCIATION WITH TESTES VOLUME AND SERUM FSH LEVELS Eran Altman<sup>1</sup></p> <p><sup>1</sup>Beilinson Hospital- Rabin Medical Center, Male infertility, Sperm Bank and IVF Unit, Tel Aviv University, Petach-Tikva, Israel</p>	<p>Exploring the role of interferon signaling as a modifier of DNA-damage syndrome and gonadal aging Marva Bergman<sup>1</sup></p> <p><sup>1</sup>Department of Obstetrics and Gynecology, Shaare Zedek Medical Center, affiliated with the Hebrew University Hadassah Medical School, Jerusalem, Israel Department of Genetics, The Silverman Institute, The Hebrew University of Jerusalem</p>	
08:45-09:00	<p>SNP-ID: A NEXT GENERATION SEQUENCING PANEL FOR THE DETECTION OF DNA CONTAMINATION IN PREIMPLANTATION GENETIC TESTING (PGT) Omer Murik<sup>1</sup></p> <p><sup>1</sup>Translational Genomics Lab, Medical Genetics Institute, Shaare Zedek Medical Center, Jerusalem.</p>	<p>METHODS TO IMPROVE FROZEN-THAWED BLASTOCYST TRANSFER OUTCOMES- THE IVF LABORATORY PERSPECTIVE. Yulia Michailov<sup>1</sup></p> <p><sup>1</sup> Barzilai medical center, Ashkelon, Israel</p>	<p>IDIOPATHIC SECONDARY AZOOSPERMIA OCCURRENCE IN MEN WITH OLIGOSPERMIA OVER TIME Gilad Karavani<sup>1,2</sup></p> <p><sup>1</sup>Infertility and IVF unit Obstetrics &amp; gynecology department Hadassah Hebrew University Medical Center Jerusalem, Israel <sup>2</sup>Division of Urology, Department of Surgery, Mount Sinai Hospital, University of Toronto, Toronto, Ontario, Canada.</p>	<p>THE ROLE OF EXTRACELLULAR MATRIX DURING DEVELOPMENT OF FXS BRAIN ORGANOIDS Noy Krugliak<sup>1</sup></p> <p><sup>1</sup>Stem Cell Research lab, Fertility &amp; IVF Institute; CORAL - Center Of Regeneration And Longevity, Tel Aviv Sourasky Medical Canter. Dept. of Cell and Developmental Biology; Sagol School of Neuroscience, Tel Aviv University, Israel</p>	
09:00-09:15	<p>DOES BLASTOMERE/TROPHECTODERM BIOPSY FOR PGT AFFECT EARLY BHCG LEVELS? Heli Alexandroni<sup>1</sup></p> <p><sup>1</sup>Department of Obstetrics and Gynecology, IVF Unit, Shaare Zedek Medical Center, Jerusalem, Israel</p>	<p>SHORT TIME OF CO-INCUBATION DURING CONVENTIONAL IN VITRO FERTILIZATION INCREASE CLINICAL SUCCESS Luba Nemerovsky<sup>1</sup></p> <p><sup>1</sup>IVF Unit, Department of Obstetrics and Gynecology, Meir Medical Center, Kfar Saba, Israel</p>	<p>LONG-TERM SPERM PRESERVATION: EXPLORING THE CLINICAL, ECONOMIC, AND ETHICAL DIMENSIONS Roy Bitan<sup>1</sup></p> <p><sup>1</sup>Sperm Bank &amp; Andrology Unit, Shamir Medical Center, Zerifin, Israel</p>	<p>MATERNAL FERTILITY TREATMENTS AND THE RISK FOR INFLAMMATORY BOWEL DISEASE OF THE OFFSPRING Gil Gutvitz<sup>1</sup></p> <p><sup>1</sup>IVF and Fertility Unit, Soroka University Medical Center, Beer-Sheva, Israel</p>	
09:15-09:30	<p>TIMING OF EMBRYO VITRIFICATION AND IVF OUTCOMES IN PREIMPLANTATION GENETIC TESTING CYCLES: A RETROSPECTIVE STUDY Gal Bachar<sup>1</sup></p> <p><sup>1</sup>IVF Unit, Rambam Medical Center, Haifa, Israel. Rappaport School of Medicine, Technion – Israel Institute of Technology, Haifa, Israel.</p>	<p>THE RANK-RANKL-OPG SYSTEM - A NEW PLAYER IN OOCYTE MATURATION Yuval Yung<sup>1</sup></p> <p><sup>1</sup>Sheba Medical Center</p>	<p>ENDOCRINE STIMULATION IN MEN WITH NON-OBSTRUCTIVE AZOOSPERMIA PRIOR TO MICRO-TESE: THE VALUE OF HORMONAL RESPONSE AS A PREDICTOR OF SPERM RETRIEVAL Shlomi Barak<sup>1</sup></p> <p><sup>1</sup>Reproductive Services - Obstetrics and Gynaecology, Assuta Ashdod University Hospital, Israel</p>	<p>AN ARTIFICIAL INTELLIGENCE SCORING (iDAScore) vs. EMBRYOLOGIST SELECTION: PREGNANCY OUTCOMES IN FRESH SINGLE BLASTOCYST TRANSFER Shira Yaacobi Artzi<sup>1</sup></p> <p><sup>1</sup>The IVF unit, Assuta Medical Center, Tel Aviv, Israel</p>	

09:30-10:30 Session 2: Oral presentations					
	Hall A: PGD 2	Hall B: Embryology 2	Hall C: Andrology 2	Hall D: Basic science	Hall E
09:30-10:30	Chairs: <b>Oshrat Shonberger, Baruch Feldman, Bozhena Saar-Ryss</b>	Chairs: <b>Dvora Strassburger, Iris Har-Vardi, Maya Finkelstein</b>	Chairs: <b>Eitan Lunenfeld, Mattan Levi, Arieh Raziel</b>	Chairs: <b>Johnny Younis, Adrian Shulman, Jigal Hass</b>	Psyco Social Program – please see below
09:30-09:45	PREIMPLANTATION GENETIC TESTING (PGT) FOR BRCA CARRIERS. A CENTRALIZED CENTER EXPERIENCE Dalit May <sup>1</sup> <sup>1</sup> PGT Unit, Shaare Zedek Medical Center, Jerusalem, Israel	EFFECT OF CONVENTIONAL IN VITRO FERTILIZATION (IVF) VERSUS INTRACYTOPLASMIC SPERM INJECTION (ICSI) ON EMBRYO MORPHOKINETIC DEVELOPMENT IN NON-MALE FACTOR INFERTILE PATIENTS Rivi Levy <sup>1</sup> <sup>1</sup> Haemek Medical Center	HETEROZYGOTE MISSENSE VARIATIONS IN PROKR2 PRESENT PARTIAL PENETRANCE FOR CAUSING HYPOGONADOTROPIC HYPOGONADISM Florence Abou <sup>1</sup> <sup>1</sup> The Shruga Segal Department of Microbiology, Immunology; Genetics Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel.	EXPLORING SHORT-TERM OBSTETRIC AND NEONATAL COMPLICATIONS IN WOMEN WITH ENDOMETRIOSIS Anastasia Bendet <sup>1</sup> <sup>1</sup> IVF and Fertility Unit, Soroka University Medical Center, Beer-Sheva, Israel	
09:45-10:00	EXAMINING CELLULAR INFLAMMATORY PROFILES IN UTERINE CAVITY ASPIRATES WITH AND WITHOUT A NICHE: A PROSPECTIVE CONTROL STUDY Chana Adler Lazarovits <sup>1</sup> <sup>1</sup> Hadassah Mt. Scopus University Hospital, Jerusalem, Israel	COMPARATIVE ANALYSIS OF EMBRYO MORPHOKINETICS DEVELOPMENT AND PREGNANCY OUTCOMES IN ART: OVITRELLE VERSUS A MIXED PROTOCOL Avi Zolotarevsky <sup>1,2</sup> <sup>1</sup> IVF Unit, Department of Obstetrics and Gynecology, Hillel-Yaffe Medical Center, Hadera 3810000, Israel. <sup>2</sup> Ruth and Bruce Rappaport School of Medicine, Technion-Israel Institute of Technology, Haifa 3109601, Israel.	INDUCTION OF THE MATURATION OF MOUSE SPERMATOGONIAL CELLS IN A 3D IN VITRO CULTURE BY PROGESTERONE; POSSIBLE REGULATION THROUGH SERTOLI AND LEYDIG CELLS Eitan Lunenfeld <sup>1</sup> <sup>1</sup> Adelson School of Medicine, Ariel University, Ariel, Israel	INDUCTION OF DORMANT PRIMORDIAL FOLLICLE ACTIVATION BY PHARMACOLOGIC DEPLETION OF COLLAGEN IV-FIRST REPORT Sanaz Dereh Haim Tzfanyta <sup>1</sup> <sup>1</sup> Sheba Medical Center, Tel Aviv university	
10:00-10:15	INCREASED COMPLEX ANEUPLOIDY RATE IN CLEAVAGE STAGE EMBRYOS Einat Zivi <sup>1</sup> <sup>1</sup> IVF and Infertility Unit, Department of Obstetrics and Gynecology, Shaare Zedek Medical Center, Jerusalem, Israel.	IVF OUTCOMES OF DOUBLE-VITRIFICATION AND WARMING EMBRYOS Yael Kalma <sup>1</sup> <sup>1</sup> Fertility and IVF Institute, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel	SPERMATOGONIAL CELLS FROM NORMAL AND BUSULFAN-TREATED IMMATURE MICE WERE INDUCED BY TESTOSTERONE AND IL-1BETA TO DEVELOP DIFFERENT STAGES OF SPERMATOGENESIS IN-VITRO. Mahmoud Huleihel <sup>1</sup> <sup>1</sup> The Shruga 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. Beer-Sheva, Israel.	VASORIN INVOLVEMENT IN THE MAINTENANCE OF THE OVARIAN FOLLICULAR RESERVE Noa Lavi-Shoseyov <sup>1,2</sup> <sup>1</sup> Department of Immunology and Regenerative Biology, Weizmann institute of science, Rehovot, Israel <sup>2</sup> Kaplan Hospital, Rehovot, Israel	
10:15-10:30	LIVE BIRTH OUTCOMES IN DOUBLE BIOPSIED EMBRYOS FOR PGT Dana Lasry <sup>1</sup> <sup>1</sup> Shaare Zedek Medical Center	DEVELOPMENT OF THE INDIFFERENT GONAD: IS THE EMBRYONIC KIDNEY INVOLVED? Alaa Arraf <sup>1</sup> IVF Unit, Department of Obstetrics and Gynecology, Rambam Medical Center. <sup>2</sup> Rappaport Faculty of medicine, Technion Israel Institute of Technology.	DEVELOPMENT OF MOUSE ORGANOIDS WITH SEMINIFEROUS TUBULE-LIKE STRUCTURE AND COMPLETE SPERMATOGENESIS IN A 3D IN VITRO CULTURE SYSTEM Mahmoud Huleihel <sup>1</sup> <sup>1</sup> The Shruga 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. Beer-Sheva, Israel.	AGE-RELATED LOSS OF HETEROCHROMATIN IN OOCYTES AND GRANULOSA CELLS LEADS TO FERTILITY DECLINE WITH AGE VIA OOCYTE MATURATION DEFECTS AND ANEUPLOIDY Michael Klutstein <sup>1</sup> <sup>1</sup> Institute of Biomedical and Oral Research Hebrew University of Jerusalem	
10:30-11:00	Coffee break, visit the exhibition and view the posters				

<b>11:00-12:35</b>	<b>Session 3: Plenary Session</b>		
	Hall A Chairs: <b>Ariel Weissman, Rafael Ron-El, Eran Gershon</b>		<b>Hall E</b>
11:00-11:15	Yearly summary <b>Prof. Raoul Orvieto</b>		Psyco Social Program – please see below
11:15-11:20	Welcome <b>Roni Mimon</b> , Chairman of the Israeli Association of Obstetrics and Gynecology		
11:20-12:00	Non-invasive Ai-based decision tools and robotics in the IVF laboratory <b>Nikica Zaninovic, Weil Cornell Medicine, USA</b> <i>This lecture has been pre-recorded</i>		
12:00-12:40	Novel Organelles in Early Oogenesis: Development, functions, and reproductive dysfunctions <b>Prof. Yaniv Elkouby</b> , the School of Medicine at the Hebrew University of Jerusalem		
12:40-12:55	Ayala association members meeting - Proposed policies and regulations amendment <b>Avi Tzafrir</b>		
<b>12:40-14:00</b>	<b>Lunch break, visit the exhibition and view the posters</b>		
	13:30-14:00	Sponsored by CTS Optimizing HRT protocols for frozen embryo transfer <b>Yossi Mizrahi</b> , senior physician in the IVF Unit at the Wolfson Medical Center.	
<b>14:00-15:10</b>	<b>Session 4: Plenary Session</b>		
	Hall B Chairs: <b>Eran Horowitz, Ido Ben-Ami, Neri Laufer</b>		
14:00-14:20	IVF Figures 2022 <b>Liat Lerner</b>		
14:20-14:40	Appreciation Award, Awards and Prizes Clinical: <b>Benjamin Fisch, Hadar Amir, Avi Ben Haroush</b> Basic: <b>Orna Bern, Eran Gershon, Dror Meirow</b> Poster: <b>Marta Direnfeld, Talia Eldar-Geva, Vike Weiner</b>		
14:40-15:10	Presentation of the Department of Fertility and Birth at the Ministry of Health, its interface, and connection with IFA. Prof. <b>Talia Eldar-Geva</b> , Infertility and Reproduction Department, Ministry of Health		

15:10-15:20	Technical break			
15:20-16:20	Session 5: Oral presentations			
	Hall A: AI 1	Hall B: ART 2	Hall C: ART 3	Hall D: ART 4
	Chairs: Assaf Ben-Meir, Ekaterina Shlush, Daniel Seidman	Chairs: Michal Yunish, Atif Zeadna, Micha Baum	Chairs: Ronit Beck-Fruchter, Samer Khoury, Yonatan Tzur	Chairs: Yuval Bdolah, Jimmy Jadaon, Talia Mordechai
15:20-15:35	MACHINE LEARNING OVULATION PREDICTION MODEL SIGNIFICANTLY INCREASES CLINICAL PREGNANCY RATES IN NATURAL FROZEN-THAWED EMBRYO TRANSFER CYCLES Ettie Maman <sup>1</sup> <sup>1</sup> Sheba Medical Center Herzliya Medical Center	MATERNAL ENDOMETRIOSIS IS AN INDEPENDENT RISK FACTOR FOR LONG-TERM GASTROINTESTINAL MORBIDITY DURING CHILDHOOD Sapir Ellouk <sup>1</sup> <sup>1</sup> IVF and Fertility Unit, Soroka University Medical Center, Beer-Sheva, Israel	COMPARISON OF IVF TREATMENT OUTCOMES: MORULA VERSUS CLEAVAGE STAGE AND BLASTOCYST EMBRYOS TRANSFER Sima Nagawkar Perlov <sup>1</sup> <sup>1</sup> IVF Unit, Department of Obstetrics and Gynecology, Kaplan Medical Center, Rehovot, Israel.	LETROZOLE OR TAMOXIFEN CO-ADMINISTRATION DURING CONTROLLED OVARIAN STIMULATION FOR FERTILITY PRESERVATION IN BREAST CANCER PATIENTS: A RETROSPECTIVE COHORT STUDY. Dror Lifshitz <sup>1</sup> <sup>1</sup> Chaim Sheba Medical Center (Tel Hashomer), Ramat Gan, Israel.
15:35-15:50	ARTIFICIAL INTELLIGENCE IN THE SERVICE OF INTRA UTERINE INSEMINATION AND TIMED INTERCOURSE IN SPONTANEOUS CYCLES Ariel Hourvitz <sup>1</sup> <sup>1</sup> The IVF Unit of Assaf-Harofeh Medical Center, Israel	FERTILITY TREATMENT CHALLENGES FOR ENDOMETRIOSIS PATIENTS: INSIGHTS FROM COMPREHENSIVE DATA ANALYSIS Bat El Frankel <sup>1</sup> <sup>1</sup> "Endometriosis-Israel" Association Ramat-Gansrael	IMPROVING EARLY EMBRYO MORPHOKINETICS IN IVF: IMPACT OF SHORT OOCYTE-SPERMATOZOA EXPOSURE Katreena Yamin <sup>1</sup> <sup>1</sup> Department of Obstetrics and Gynecology, Emek Medical Center, Afula, Israel.	EFFECT OF OVARIAN STIMULATION AND TRIGGER PROTOCOLS ON OOCYTE AND EMBRYO NUMBERS Shmuel Somer Rappaport <sup>1</sup> <sup>1</sup> Faculty of Medicine, Technion-Israel Institute of Technology, 1 Efron st. Bat Galim, Haifa 3525433, Israel
15:50-16:05	OPTIMIZING WORKLOAD BY BALANCING ANTAGONIST PROTOCOL RETRIEVALS USING ARTIFICIAL INTELLIGENCE ALGORITHM FOR ANTAGONIST TRIGGER DAY DECISION Rohi Hourvitz <sup>1</sup> <sup>1</sup> FertilAI, CEO, Israel	THE EFFECT OF THE OCTOBER 7TH EVENTS ON IVF OUTCOMES IN ISRAEL Einav Kadour Peero <sup>1</sup> <sup>1</sup> Reproductive Endocrinology and Infertility UnitBnai Zion Medical Center, Haifa, Israel Technion-Israel Institute of Technology	PROTEIN CONDENSATION BY LNCRNAS ENABLES OOCYTE DIFFERENTIATION Yonatan Tzur <sup>1</sup> <sup>1</sup> Department of Genetics. The Hebrew University of Jerusalem, Jerusalem, Israel	CLINICAL PARAMETERS THAT PREDICT A PREMATURE LH RISE IN PATIENTS UNDERGOING OVARIAN STIMULATION FOR IVF Maya Nasatzky <sup>1</sup> <sup>1</sup> IVF Unit, Rambam Medical Center.
16:05-16:20	CAN PATIENT SELF SCANS USING A HOME VAGINAL ULTRASOUND DEVICE BE USED TO MONITOR THE OVARIAN STIMULATION IN ART? Yoel Shufaro <sup>1</sup> <sup>1</sup> Infertility and IVF Unit, Beilinson Hospital- Rabin Medical Center- and the Faculty of Medicine- Tel-Aviv University.	UNRAVELING THE LINK BETWEEN BACTERIAL VAGINOSIS AND INFERTILITY: INSIGHTS AND INTERVENTIONS FROM A HUMAN CERVIX CHIP MODEL Ola Gutzeit <sup>1</sup> <sup>1</sup> Wyss Institute for Biologically Inspired Engineering at Harvard University, Boston, MA 02215, USAIVF Unit Rambam Medical Center, Haifa, Israel	EVALUATING THE IMPACT OF OBESITY ON OOCYTE QUALITY Emiliya Sigal <sup>1,2</sup> <sup>1</sup> IVF Unit, Department of Obstetrics and Gynecology, Hillel-Yaffe Medical Center, Hadera, Israel. <sup>2</sup> Ruth and Bruce Rappaport School of Medicine, Technion-Israel Institute of Technology, Haifa, Israel.	OUTCOME OF VITRIFIED VERSUS FRESH OOCYTES IN MICRO TESTICULAR SPERM EXTRACTION PROCEDURES Noga Nattiv <sup>1</sup> <sup>1</sup> IVF unit, Meir Medical Center, Kfar Saba

16:20-17:20 Session6: Oral presentations				
	Hall A: AI 2	Hall B: ART 5	Hall C: ART 6	Hall D: ART 7
	Chairs: Ariel Hourvitz, Yoel Shufaro, Ettie Maman	Chairs: Benjamin Reubinoff, Tal Shavit, Amir Wisner	Chairs: Itai Gat, Amir Weintraub	Chairs: Shevach Friedler, Zofnat Wiener
16:20-16:35	AN ARTIFICIAL INTELLIGENCE (AI) PLOIDY SCREENING TEST CAN PROVIDE REAL-TIME, RELIABLE, NON-INVASIVE AND BIOLOGICALLY-JUSTIFIED ESTIMATES OF EMBRYO EUPLOIDY. Daniel Seidman <sup>1</sup> <sup>1</sup> Sackler School of Medicine, Tel-Aviv Univesity, Tel-Aviv, Israel.	VIRTUAL REALITY (VR)-BASED INTERVENTION TO IMPROVE PRE-OPERATIVE ANXIETY IN PATIENTS UNDERGOING ELECTIVE OOCYTE CRYOPRESERVATION: A RANDOMIZED CLINICAL TRIAL Yael Shir Suissa-Cohen <sup>1</sup> <sup>1</sup> Hadassah Mount-Scopus university hospital Jerusalem Israel	THE PRESENCE OF EARLY FOLLICULAR CLEAR OVARIAN CYSTS IS ASSOCIATED WITH LOWER CLINICAL PREGNANCY RATE IN FROZEN-THAWED EMBRYO TRANSFER (FET) CYCLES. Omer Edgar <sup>1</sup> <sup>1</sup> Hellen Schneider Hospital for Women- Rabin Medical Center- Beilinson Hospital, Infertility and IVF unit, Petach Tikva, Israel. <sup>2</sup> Tel Aviv University, School of Medicine, Tel Aviv, Israel.	FERTILITY PRESERVATION (FP) POST CHEMOTHERAPY IN YOUNG CANCER SURVIVORS- IS IT TOO LITTLE TOO LATE? Moran Shapira <sup>1</sup> <sup>1</sup> IVF Unit, Sheba medical Center, Israel
16:35-16:50	AN INTERPRETABLE ARTIFICIAL INTELLIGENCE (AI) MODEL ACCURATELY PREDICTS THE NUMBER OF MATURE OOCYTES RETRIEVED DURING CONTROLLED OVARIAN HYPERSTIMULATION (COH) Or Shafran <sup>1</sup> <sup>1</sup> IVF Unit, Rambam Medical Center; Department of Computer Science, Technion, Israel Institute of Technology, Haifa, Israel;	THE IMPACT OF TRAINED VS. UNTRAINED ULTRASOUND OPERATORS ON CLINICAL PREGNANCY RATE FOLLOWING EMBRYO TRANSFER (ET): A RETROSPECTIVE COHORT STUDY Michal Bezalel <sup>1</sup> <sup>1</sup> Faculty of Medicine, Hebrew University of Jerusalem, Israel, Department of Obstetrics and Gynecology	IS MAXIMALIZATION OF THE OVUM PICK-UP PROCEDURE IN RELATION TO SONOGRAPHIC ANTRAL FOLLICLE COUNT ASSESSMENT BENEFICIAL FOR THE OUTCOME OF ASSISTED REPRODUCTIVE TECHNOLOGY CYCLES? Shir Gruber <sup>1</sup> <sup>1</sup> Beilinson Hospital, Petah Tikvah, Israel	HYPOTHALAMIC-PITUITARY-GONADAL FUNCTION PUBERTAL DEVELOPMENT AND FERTILITY OUTOMES IN MALE AND FEMALE MEDULLOBLASTOMA SURVIVORS: A SINGLE CENTRE EXPERIENCE Eve Stern <sup>1</sup> <sup>1</sup> Pediatric Endocrinology and Diabetes Unit, The Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Ramat-Gan, Israel
16:50-17:05	ENHANCING INTERPRETABILITY OF ARTIFICIAL INTELLIGENCE (AI) MODELS IN IVF BY INTEGRATING EXPERT KNOWLEDGE Ofek Gottlieb <sup>1</sup> <sup>1</sup> IVF Unit, Rambam Medical Center; Department of Computer Science, Technion, Israel Institute of Technology, Haifa, Israel;	THE EFFECT OF LAG TIME FROM GNRH AGONIST TRIGGERING TO OOCYTE ASPIRATION ON FERTILITY PRESERVATION CYCLE'S OUTCOME Lilach Marom Haham <sup>1</sup> <sup>1</sup> Sheba Medical Center, Ramat Gan, Israel	PREVALENCE OF CONGENITAL ANOMALIES IN INFANTS CONCEIVED AFTER LETROZOLE COMPARED WITH CLOMIPHENE CITRATE TREATMENT Yara Naser <sup>1</sup> <sup>1</sup> Laniado medical center, IVF unit- dep. of OBGYN, Netanya, Israel.	REVERSING THE CANCER PHENOTYPE OF COLON ORGANOIDS BY CORRECTING THE HETROZYGOTE APC MUTATION Aline Habib <sup>1</sup> <sup>1</sup> Tel Aviv Sourasky Medical Canter Tel Aviv University
17:05-17:20	ARTIFICIAL INTELLIGENCE TECHNOLOGY AS A TOOL FOR DESELECTION OF DIRECT UNEVEN CLEAVAGE EMBRYOS Iris Har- Vardi <sup>1</sup> <sup>1</sup> Fertility and IVF Unit, Dept. of OB/GYN, Soroka University Medical Center and the Faculty of Health Sciences, Beer-Sheva, Israel.	LOW OOCYTE MATURATION RATE DURING IN VITRO FERTILIZATION, HOW CAN WE IMPROVE IT? Roni Rahav Koren <sup>1</sup> <sup>1</sup> A IVF Unit, Department of Obstetrics and Gynecology, Meir Medical Center, Kfar Saba, Israel Faculty of Medical & Health Sciences, Tel Aviv University, Tel Aviv, Israel	THE IMPACT OF GONADOTROPIN DOSAGE ADAPTATIONS DURING SUCCESSIVE IN VITRO FERTILIZATION CYCLES FOR OOCYTES CRYOPRESERVATION Maya Nimrodi <sup>1</sup> <sup>1</sup> IVF unit, Department of Obstetrics and Gynecology, Shamir medical center, Zerifin, Israel.	REASSESSING PRIMARY OVARIAN INSUFFICIENCY WORKUP GUIDELINES: A CALL FOR CHANGE Noah Gruber <sup>1,2</sup> <sup>1</sup> Pediatric Endocrine and Diabetes Unit, Edmond and Lily Safra Children's Hospital, Sheba Medical Center, Tel-Hashomer, Ramat Gan, Israel <sup>2</sup> School of Medicine, Tel Aviv University, Israel