

CFAS Annual Meeting 2019: List of Accepted Abstracts

Please carefully read the below instructions:

For presenters scheduled for Thursday, September 19th: Please set up your poster any time after 11:00 am on Thursday for the poster session. The posters must be removed by 10:00 am on Friday, September 20th.

For presenters scheduled on Friday, September 20th: Please set up your poster anytime after 10:30 am on Friday and remove it by 10:00 am on Saturday, September 21st.

** Please note that any posters not removed at the scheduled time will be removed and disposed of by the hotel staff. **

Submitter First Name	Submitter Last Name	Presentation Title	Presentation Type	Day of Presentation	Poster #
Rina	Abramov	Static Morphologic Grading of Euploid Blastocysts Has No Correlation with Ongoing Pregnancy Rate per Transfer.	Poster presentation	Thursday, Sept. 19 th	101
Balsam	Al-Hashimi	Monozygotic twinning during cleavage stage of human preimplantation embryo development captured in time lapse: A case report	Poster presentation	Thursday, Sept. 19 th	102
Rakia	Aljasser	Can We Predict Who Will Develop a Blastocyst from An IVF/ICSI Cycle?	Poster presentation	Thursday, Sept. 19 th	103
Jason	Au	Live Birth and Perinatal Outcomes of Transferring Multinucleated Embryos	Poster presentation	Thursday, Sept. 19 th	104
Ahmad	Badeghiesh	A comparison of single (SET) and double (DET) embryo transfers in autologous frozen oocyte cycles	Poster presentation	Thursday, Sept. 19 th	105
Shira	Baram	Fertility preservation among transgender adolescents and young adults (TAYAs)- a case series	Poster presentation	Thursday, Sept. 19 th	106
Moncef	Benkhalifa	Revisiting the Sperm Oxidation Reduction Potential Index cut-off: a case-control study.	Poster presentation	Thursday, Sept. 19 th	107

Felicia	Brochu	Fertility Patients' Empowerment and Engagement with an mHealth App	Poster presentation	Thursday, Sept. 19 th	108
Rachel	Butler	Social oocyte cryopreservation: who, when and why?	Poster presentation	Thursday, Sept. 19 th	109
He	Cai	Better alternative for tubal infertility in women with diminished ovarian reserve- in vitro fertilization or tubal surgery?	Poster presentation	Thursday, Sept. 19 th	110
Wayne	Caswell	Transfer of 1 versus 2 Blastocysts in IVF Cycles Using Vitrified Oocytes Through an Egg Bank: is There a Benefit to Transferring a 2nd Embryo?	Poster presentation	Thursday, Sept. 19 th	111
Michael	Crowe	Comparison of culture systems in K-Systems and Embryoscope Plus incubators	Poster presentation	Thursday, Sept. 19 th	112
Michael	Dahan	Ultra-fresh Sperm: A novel, cost free, simple technique to treat high sperm DNA-fragmentation.	Poster presentation	Thursday, Sept. 19 th	113
Shrinkhala	Dawadi	Mobile health app engagement and counselling uptake in fertility patients: a preliminary study	Poster presentation	Thursday, Sept. 19 th	114
Alyson	Digby	Predictive ability of a blastocyst stage on reproductive outcomes in elective fresh embryo transfer with early blastocysts versus mature blastocysts	Poster presentation	Thursday, Sept. 19 th	115
Marjorie	Disdier	Sperm selection using Physiological Intra Cytoplasmic Sperm Injection (PICSI) can rescue the clinical outcome in	Poster presentation	Thursday, Sept. 19 th	116

		teratozoospermic patients with significant genome decays			
Sawsane	El Amiri	Infertility-related quality of life: Impact on the sexual well-being of infertile couples	Poster presentation	Thursday, Sept. 19 th	117
Carolanne	Gagnon	Live birth rates in couples with very low total motile sperm count (TMSC): Is there a place for intrauterine insemination (IUI) in the time of in vitro fertilization (IVF)?	Poster presentation	Thursday, Sept. 19 th	118
Andree	Gauthier-Fisher	Assessment of the safety of FTM HUCPVC for onco-fertility preservation: modulation of melanoma tumor growth in vivo.	Poster presentation	Thursday, Sept. 19 th	119
Eden	Gelgoot	The relationship between eHealth literacy and user engagement with a mobile health app offering information and support to fertility patients	Poster presentation	Thursday, Sept. 19 th	120
Karen	Glass	Surgeon and Patient Oncofertility Knowledge Enhancement (SPOKE): Post intervention online evaluation of Canadian breast cancer surgeons	Poster presentation	Thursday, Sept. 19 th	121
Hala	Gomaa	Balstocyst Grade is a significant factor other than age in determining euploidy rate in PGS.	Poster presentation	Thursday, Sept. 19 th	122
Jessica	Gorgui	Medically Assisted Reproduction and the Risk of Being Born Small for Gestational Age	Poster presentation	Thursday, Sept. 19 th	123
Kelly	Gray	Infertility in the digital age: a survey of women's experience of online engagement as they navigate infertility	Poster presentation	Thursday, Sept. 19 th	124

Joanna	Greer	Day 7 Blastocyst Culture: A Viable Opportunity for All Patients	Poster presentation	Thursday, Sept. 19 th	125
Paul	Grunberg	Development and evaluation of an online infertility training and supervision program for peer supporters	Poster presentation	Thursday, Sept. 19 th	126
Camille	Grysole	IS IT WORTH CULTURING POOR QUALITY DAY-3 EMBRYOS TO THE BLASTOCYST STAGE IN CYCLES WITHOUT ANY HIGH QUALITY EMBRYOS?	Poster presentation	Thursday, Sept. 19 th	127
Shilini	Hemalal	Facilitators of, and Barriers to, Accessing Reproductive Care in Canada for Same-Sex Male Couples (SSMC) and Single Men (SM)	Poster presentation	Thursday, Sept. 19 th	128
Lee Mee	Ho	Seminal Oxidative Stress Levels of Subfertile Men in Singapore – A Preliminary Study	Poster presentation	Thursday, Sept. 19 th	129
Tara	Johnston	The Age Old Question: Fresh or Frozen?	Poster presentation	Thursday, Sept. 19 th	130
Ann	Korkidakis	Higher Blastocyst Implantation Rates in Frozen versus Fresh Embryo Transfers in Good Prognosis Patients	Poster presentation	Thursday, Sept. 19 th	131
Iryna	Kuznyetsova	Assessment of a Novel Technique for Vitrification of Human Testicular and Epididymal Spermatozoa Without the Use of Permeable Cryoprotectants	Poster presentation	Thursday, Sept. 19 th	132
Yat Sze	Kwok	Retrospective Analysis of the Effects of Platelet-Rich Plasma on Endometrial Growth and Pregnancy Rates after Embryo Implantation	Poster presentation	Thursday, Sept. 19 th	133

Maria Teresita	Lao	The potential role of office hysteroscopy in the diagnostic challenge of pregnancy of unknown location [PUL] in the ART clinical setting	Poster presentation	Thursday, Sept. 19 th	134
Genevieve	Leduc-Robert	Prevalence of thyroid autoimmunity and effect of levothyroxine treatment in a cohort of 1064 patients with recurrent pregnancy loss	Poster presentation	Thursday, Sept. 19 th	135
Cecile	LeSaint	Correlation study of Anti-Mullerian Hormone (AMH) values on two automated assays (Elecsys and Access) reduces the constraint for individualised gonadotropin dosing with follitropin delta (Rekovele) algorithm	Poster presentation	Thursday, Sept. 19 th	136
Kimberly	Liu	Is there an optimal endometrial thickness for embryo transfer?	Poster presentation	Thursday, Sept. 19 th	137
Kyla	Young	Profiling MTHFR Throughout Mouse Oocyte and Preimplantation Embryo Development	Poster presentation	Thursday, Sept. 19 th	138
Peter	Szaraz	SUPERIOR ANGIOGENIC ACTIVATION OF FIRST TRIMESTER HUMAN UMBILICAL CORD PERIVASCULAR CELLS (FTM HUCPVCS) IN A GROWTH FACTOR DEPRIVATION ISCHEMIA MODEL	Poster presentation	Thursday, Sept. 19 th	139

Svetlana	Madjunkova	Using High Resolution Profiling of the Human Embryonic Mitochondrial Genome to Discover Biomarker(s) for Implantation and Embryo Development in Infertile Patients	Poster Presentation	Thursday, Sept. 19 th	140
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Submitter First Name	Submitter Last Name	Presentation Title	Presentation Type	Day of Presentation	Poster #
Moncef	Benkhalifa	HYPOGONADOTROPIC HYPOGONADISM DUE TO A NOVEL FGFR1 MUTATION: THE INCREASING IMPORTANCE OF GENE PANEL SEQUENCING AND GENETIC COUNSELING	Poster presentation	Friday, Sept. 20 th	101
Michael	Dahan	Modeling factors which may predict improvement in DNA-fragmentation in an ultra fresh semen specimen when compared with three days of abstinence.	Poster presentation	Friday, Sept. 20 th	102
Alyson	Digby	Pregnancy outcomes amongst normal weight, overweight and obese women undergoing single fresh embryo transfer	Poster presentation	Friday, Sept. 20 th	103
Andree	Gauthier-Fisher	Human umbilical cord perivascular cell-derived extracellular vesicles modulate T regulatory lymphocyte proliferation and differentiation in vitro	Poster Presentation	Friday, Sept. 20 th	104
Kelly	Gray	Toward gender inclusive care in the fertility clinic:	Poster Presentation	Friday, Sept. 20 th	105

		nursing education and motivation for change.			
Iryna	Kuznyetsova	High Rate of Blastocyst Formation Using Time-Lapse Incubator: CReATe Sibling Embryo Cohort Study	Poster Presentation	Friday, Sept. 20 th	106
Maria Teresita	Lao	Does continuous embryo culture with single step media in a time lapse incubator improve IVF outcome compared to conventional culture with sequential media and a bench top incubator in different age groups?	Poster Presentation	Friday, Sept. 20 th	107
Svetlana	Madjunkova	Prevalence of thrombophilia mutations among patients with first trimester miscarriages	Poster presentation	Friday, Sept. 20 th	108
Claudine	Manirafasha	Testicular function in obesity induced hypertensive male Wistar rat	Poster presentation	Friday, Sept. 20 th	109
Leanne	Masewich	Fertility Nursing Educational Outreach	Poster presentation	Friday, Sept. 20 th	110
Jordana	Mashiach	Intrauterine HCG Infusion Improves Pregnancy Rate in Frozen Euploid Single Embryo Transfer Cycles	Poster presentation	Friday, Sept. 20 th	111
Eileen	McMahon	Exploring the Role of the CFAS in the Care of Trans And Gender-Diverse People	Poster presentation	Friday, Sept. 20 th	112
James	Meriano	PGT-A: Impact on Pregnancy Rate in IVF FET cycles.	Poster presentation	Friday, Sept. 20 th	113
Audra	Minifie	KNOW YOUR PATIENTS: IMPROVING THE PATIENT EXPERIENCE	Poster presentation	Friday, Sept. 20 th	114

		THROUGH A NEW NURSING MODEL			
Natalie Dimitra	Montgomery	The self-disclosure process of infertility between IVF patients and peers: A model illustrating their communication patterns and social support outcomes.	Poster presentation	Friday, Sept. 20 th	115
Gary	Nakhuda	Extended culture until day 7 yields viable, euploid blastocysts.	Poster presentation	Friday, Sept. 20 th	116
Charis	Ng	Assisted Hatching: Is It All It's Cracked Up To Be?	Poster presentation	Friday, Sept. 20 th	117
Tina Tu-Thu Ngoc	Nguyen	Optimization and Evaluation of Autologous Human Platelet Lysate Isolation as a Novel Treatment for Recurrent Implantation Failure and Thin Endometrium	Poster presentation	Friday, Sept. 20 th	118
Siobhan	O'Connell	Psychological distress and the desire to use an infertility-related online support board	Poster presentation	Friday, Sept. 20 th	119
Elaheh	Papari	Identification of candidate miRNA markers of endometriosis	Poster presentation	Friday, Sept. 20 th	120
Roger	Pierson	Non-Invasive Ultrasound Image-Based Scoring System Improves IVF Pregnancy Rates.	Poster presentation	Friday, Sept. 20 th	121
Kimball	Pomeroy	Kinetics of Vacuum Failure in a Dry Shipper Tank (MVE SC 4/3V)	Poster presentation	Friday, Sept. 20 th	122
Sherine	Rahal	Metabolomic profiling of endometrial fluid: a feasibility study using different spectroscopy techniques.	Poster presentation	Friday, Sept. 20 th	123
Celine	Raymond	Feasibility of a Reiki intervention for pain and anxiety	Poster presentation	Friday, Sept. 20 th	124

		management during an In Vitro Fertilization procedure			
Guillaume	Ricaud	A physiologic explanation on how immunomodulation of endometrium with PBMC could help women with unexplained recurrent implantation failure	Poster presentation	Friday, Sept. 20 th	125
Meagan	Sadownik	The Use of Narcan to Reverse Severe Side Effects of Fentanyl	Poster presentation	Friday, Sept. 20 th	126
Reza	Salehi	mir-182-3p and mir-10a-5p Potential Follicular Fluid-derived Marker for PCOS	Poster presentation	Friday, Sept. 20 th	127
Carrie	Schram	Natural Peak Estradiol Helps Predict Blastocyst Conversion Rate in IVF: Results of a Database Analysis and Retrospective Chart Review	Poster presentation	Friday, Sept. 20 th	128
Romualdo	Sciorio	The correlation between morphometric blastocyst parameters with clinical pregnancy following eSET	Poster presentation	Friday, Sept. 20 th	129
Guy	Shrem	How does sperm quality change based on age in those with normal results based on the current WHO reference values?	Poster presentation	Friday, Sept. 20 th	130
Weon-Young	Son	Outcome of immature oocyte collection of cancer patients for fertility preservation	Poster presentation	Friday, Sept. 20 th	131
Naama	Steiner	Oral vs. injectable ovulation induction agents in older women undergoing IUI	Poster presentation	Friday, Sept. 20 th	132
Abdul Munaf	Sultan Ahamed	Sperm Head Morphometric Analysis as a Predictor of	Poster presentation	Friday, Sept. 20 th	133

		Fertilization and Blastocyst Formation			
Abdul Munaf	Sultan Ahamed	Non-invasive Preimplantation Genetic Testing for Aneuploidy (PGT-A) Using Spent Culture Medium is Comparable to Results of Trophoctoderm Biopsy	Poster presentation	Friday, Sept. 20 th	134
Peter	Szaraz	FIRST TRIMESTER HUMAN UMBILICAL CORD PERIVASCULAR CELLS (HUCPVC) AND ENDOTHELIAL PROGENITOR CELLS (EPC) COADMINISTRATION AFTER MYOCARDIAL INFARCTION SIGNIFICANTLY IMPROVES TISSUE REPAIR AND CARDIAC FUNCTION	Poster presentation	Friday, Sept. 20 th	135
Elizabeth	Taylor	Disclosure of donor-sperm conception to children conceived by assisted reproduction	Poster presentation	Friday, Sept. 20 th	136
Zeynep	Uraz	The impact of a six-week diet and lifestyle group education program on weight loss and perceived stress: a pilot study	Poster presentation	Friday, Sept. 20 th	137
Alexander	Volodarsky-Perel	Unexplained infertility is associated with chronic endometritis in women with endometrial polyps.	Poster presentation	Friday, Sept. 20 th	138
Marta	Wais	Fertility and Gynecologic Concerns in the Adult Congenital Heart Disease Population	Poster presentation	Friday, Sept. 20 th	139
Bonnie	Woolnough	The effect of omitting teratozoospermia as a selection criterion for ICSI	Poster presentation	Friday, Sept. 20 th	140

Jenny	Wu	Assessing the efficacy of the Day5 KIDScore™ Support Tool as a predictor of implantation potential	Poster presentation	Friday, Sept. 20 th	141
Brandon	Wyse	Gene Expression Profiling of Cumulus Cells Derived from Oocytes at Different Maturation Stages Reveals Marked Differences, Shedding Light on the Process of in vivo Oocyte Maturation	Poster presentation	Friday, Sept. 20 th	142
Bill	Yee	Evaluation of the MiOXSYS™ system as a predictor of oxidative stress induced sperm DNA damage.	Poster presentation	Friday, Sept. 20 th	143
Junyan	Zhang	Imaging Flow Cytometry using ACRV1 and AKAP4 sperm surface biomarkers may facilitate non-invasive identification of rare spermatozoa in men with non-obstructive azoospermia	Poster presentation	Friday, Sept. 20 th	144
Dan	Zhang	High expression of progesterone in human endometriosis may lead to ovulation disorders by down-regulating NF-κB pathway	Poster presentation	Friday, Sept. 20 th	145
Xiao Yun	Zhang	Does the trophoctoderm biopsy represents the chromosome status of the blastocyst?	Poster presentation	Friday, Sept. 20 th	146
Eran	Zilberberg	Endometrial Compaction (decreased thickness) in response to progesterone results in higher ongoing pregnancy rate in natural and modified natural FET cycles	Poster presentation	Friday, Sept. 20 th	147

Jennifer	Lyford	Pregnancy outcomes from IVF/ICSI cycles employing a mixed protocol of HP-FSH (Menopur) and follitropin delta for controlled ovarian stimulation.	Poster presentation	Friday, Sept. 20 th	148
Bo	Pan	Protegrin 1 regulates porcine granulosa cell proliferation and steroid hormone production via EGFR-ERK signaling pathway	Poster presentation	Friday, Sept. 20 th	149
Allison	Tscherner	Initiation of independent cell volume regulation in the mouse oocyte at ovulation	Poster presentation	Friday, Sept. 20 th	150

Submitter First Name	Submitter Last Name	Presentation Title	Presentation Type	Session and Time
Ran	Antes	Mitonuclear Score – A New Tool for Euploid Embryo Transfer Prioritization to Increase Pregnancy Rate per Transfer	Oral Communication	Friday, Sept. 20 th - Clinical Science - Oral Session - 11:00 am to 11:15 am
Tim	Child	Frozen-thawed embryo transfer: A UK-wide survey of practice and a single center analysis of GnRH-antagonist versus agonist for pituitary suppression in medicated FET	Oral Communication	Friday, Sept. 20 th – Clinical Science - Oral Session - 11:15 am to 11:30 am
Michal	Dviri	Paternal Age Has No Impact on the Aneuploidy Rate of	Oral Communication	Friday, Sept. 20 th – Clinical

		Embryos Derived from Young Egg Donors		Science - Oral Session - 11:30 am to 11:45 am
Chloe	Fortin	Genomic Insights Into IVF Failure; Dysregulated Inflammation In Stimulated Follicles	Oral Communication	Friday, Sept. 20 th – Basic Science - Oral Session - 11:00 am to 11:15 am
Jenna	Gale	Early frozen blastocyst transfer in a true natural cycle protocol: a single-centre cohort study	Oral Communication	Friday, Sept. 20 th – Clinical Science - Oral Session - 11:45 am to 12:00pm
Denis	Gallagher	Immunomodulatory cell therapeutic approaches for psychiatric disorders: Dampening peripheral innate immune activation to protect the brain.	Oral Communication	Friday, Sept. 20 th – Basic Science - Oral Session - 11:15 am to 11:30 am
Meivys	Garcia	Impact of peak E2 per mature oocyte levels on euploidy rates during COH in IVF-PGT cycles	Oral Communication	Friday, Sept. 20 th – Clinical Science - Oral Session - 12:00 pm to 12:15 pm
Ann	Korkidakis	The Distribution of Aneuploidy in Products of Conception (POC) across Maternal Ages in the Recurrent Pregnancy Loss (RPL) Population	Oral Communication	Friday, Sept. 20 th – Clinical Science - Oral Session - 12:15 pm to 12:30 pm
Pamela	Kurjanowicz Chan	Application of a novel telomere-specific assay for human spermatozoa offers new insight into the dynamics of male factor infertility	Oral Communication	Friday, Sept. 20 th – Basic Science - Oral Session - 11:30 am to 11:45 am
Valeriy	Kuznyetsov	The First Live Birth Following Aneuploidy	Oral Communication	Friday, Sept. 20 th – Basic

		Testing using Spent Embryo Medium combined with Blastocoel Fluid in Parallel with Trophectoderm Biopsy		Science - Oral Session - 11:45 am to 12:00 pm
Tiantian	Li	Minimally-invasive Transcriptomic Profiling of the Endometrium to Identify Markers of Endometrial Receptivity	Oral Communication	Friday, Sept. 20 th – Basic Science - Oral Session - 12:00 pm to 12:15 pm
Angus	Macaulay	How the oocyte detaches from the zona pellucida at ovulation	Oral Communication	Friday, Sept. 20 th – Basic Science - Oral Session - 12:15 pm to 12:30 pm

Submitter First Name	Submitter Last Name	Presentation Title	Presentation Type	Session and Time
Andrea	Lanes	The initial impact of the Ontario Fertility Program	Oral Communication	Saturday, Sept. 21 st - Clinical Science - Oral Session - 11:00 am to 11:15 am
Soumaya	Messaoudi	Development and validation of a new personalized molecular test based on endometrial receptivity and maternal-fetal dialogue	Oral Communication	Saturday, Sept. 21 st - Basic Science - Oral Session - 11:00 am to 11:15 am
Jaume	Minano Masip	New algorithm to increase the number of utilizable blastocysts using a	Oral Communication	Saturday, Sept. 21 st - Clinical

		mixed protocol of HP-hMG and follitropin delta		Science - Oral Session - 11:15 am to 11:30 am
Sergey I.	Moskovtsev	Identification, isolation and genetic analysis of rare spermatozoa.	Oral Communication	Saturday, Sept. 21 st - Clinical Science - Oral Session - 11:30 am to 11:45 am
Temidayo	Omolaoye	A Closer Look at the Effect of AGE: RAGE Accumulation and Apoptotic Pathway Activation on Sperm Function in Streptozotocin Induced Diabetic Rats	Oral Communication	Saturday, Sept. 21 st - Basic Science - Oral Session - 11:15 am to 11:30 am
Jessica	Reszel	Investigating the uptake of prenatal screening among IVF conceptions in Ontario	Oral Communication	Saturday, Sept. 21 st - Clinical Science - Oral Session - 11:45 am to 12:00 pm
Ruth	Ronn	Standard insemination versus intracytoplasmic sperm injection (ICSI): Assessing the impact on preimplantation genetic testing – aneuploidy results	Oral Communication	Saturday, Sept. 21 st - Clinical Science - Oral Session - 12:00 pm to 12:15 pm
Reza	Salehi	Androgen-induced granulosa cell-derived exosomal mir-379-5p regulates macrophage polarization	Oral Communication	Saturday, Sept. 21 st - Basic Science - Oral Session - 11:30 am to 11:45 am
Jocelyn	Wessels	Endometrial Microbiota of Women with Endometriosis is more Diverse than	Oral Communication	Saturday, Sept. 21 st - Basic Science - Oral Session -

		that of Symptomatic Controls		11:45 am to 12:00 pm
Justin	White	Validation of metabolomics technology to evaluate the presence of metabolites in embryo culture medium	Oral Communication	Saturday, Sept. 21 st - Basic Science - Oral Session - 12:00 pm to 12:15 pm
Shawn	Winsor	A systematic review of the ethical issues identified in the normative bioethics literature about select assisted reproductive technologies: 1978-2017	Oral Communication	Saturday, Sept. 21 st - Clinical Science - Oral Session - 12:15 pm to 12:30 pm
Noga	Fuchs Weizman	Detection of Follicular Fluid Phytocannabinoids Before and After Canadian Legalization of Cannabis, and Impact of Phytocannabinoids on Oocyte Quality and Embryo Development	Oral Communication	Saturday, Sept. 21 st - Basic Science - Oral Session - 12:15 pm to 12:30 pm