

## CFAS Annual Meeting 2021: List of Accepted Abstracts

### Poster Session:

Thursday September 23<sup>rd</sup>, 2021 – Bayshore Grand Foyer

#### Basic Science and Humanities

Poster #	Time	Submitter First Name	Submitter Last Name	Submission Title
101	5:30 pm Screen 1	Tiantian	Li	Deep learning analysis on endometrial histology as a predictive tool for pregnancy outcome of frozen embryo transfer
102	5:30 pm Screen 2	Anya	Sion	Patient Perspectives in a Large Single Site Embryo Donation Program
103	5:45 pm Screen 1	Vivien	Truong	BPA, but not BPS, affects AMH signalling pathway in bovine granulosa cells
104	5:45 pm Screen 2	Valeriy	Kuznyetsov	Mosaicism and aneuploidy concordance between cell-free embryonic DNA in the spent medium combined with blastocoel fluid and trophoctoderm biopsy DNA
105	6:00 pm Screen 1	Michal	Dviri	Human umbilical cord perivascular cells (HUCPVC) improve pregnancy rates in a mouse model of natural ovarian aging
106	6:00 pm Screen 2	Bonnie	Johnson	So is this going to hurt?
107	6:15 pm Screen 1	Hannah	Shuster-Hyman	Intravenously infused FTM HUCPVC interact with innate immune cells and mediate a systemic reduction in inflammatory mediators in a murine model of systemic inflammation
108	6:15 pm Screen 2	Andrea	Carson	Normalizing the discontinuation of fertility treatment
109	6:30 pm Screen 1	Chloe	Fortin	Specific gene expression response in KGN human granulosa cells in response to different inflammatory stimuli
110	6:30 pm Screen 2	Mahdi	Mohaqiq	In Vitro Transplantation: Novel Method in Infertility Treatment by Spermatogonial Stem Cell
111	6:45 pm Screen 1	Stewart	Russell	The Human Embryo RNA Secretome
112	6:45 pm Screen 2	Mimi	Nguyen	Bisphenols and Reactive Oxygen Species in Oocytes, Sperm and Granulosa Cells

### Clinical

Poster #	Time	Submitter First Name	Submitter Last Name	Submission Title
201	5:30 pm Screen 3	Alina	Tartia	Time-lapse KIDScore Day 5 can be used as a primary marker to predict embryo pregnancy potential in fresh and frozen single embryo transfers
202	5:30 pm Screen 4	Shirin	Dason	National survey on the management of non-euploid embryos
203	5:30 pm Screen 5	Mitko	Madjunkov	Static Morphology of Mosaic Embryos is a Prognostic Factor of Transfer Outcome
205	5:30 pm Screen 6	Xiao yun	Zhang	The clinical outcomes of older and younger patients with different indications underwent Preimplantation genetic testing for aneuploidy (PGT-A) in one center
204	5:45 pm Screen 4	Shirin	Dason	An Assessment of the Complexities of Reproduction Decision-Making Between BRCA-Positive Patients and Healthcare Providers.
206	5:45 pm Screen 3	Ahmad	Badeghiesh	How does advanced age interact with the requirement for IVF on pregnancy complications?
207	5:45 pm Screen 5	Leah	Drost	Patients' and providers' perspectives on elective egg freezing decision-making
208	5:45 pm Screen 6	Li	Zhang	Preimplantation genetic testing for triple repeat expansion disorders
209	6:00 pm Screen 3	Allyssa	Hooper	Prevalence of antiphospholipid syndrome and live birth rate following anti-thrombotic treatment in a cohort of 1443 patients with recurrent pregnancy loss.
210	6:00 pm Screen 4	Madalina	Maxim	Adenomyosis and pregnancy outcome in patients undergoing assisted reproductive treatment with donor oocytes
211	6:00 pm Screen 5	Miguel	Russo	The use of ICSI for non-male factor infertility: A multi-centre study
212	6:00 pm Screen 6	Vincent	Nguyen	Live birth rates after resolution of endometrial cavity fluid in frozen embryo transfer cycles
213	6:15 pm Screen 3	Jenna	Gale	Reduced live birth rates after embryo transfer among patients with prior cesarean delivery: A retrospective study
214	6:15 pm Screen 4	Arthega	Selvarajan	Effect of parental origin of Robertsonian and reciprocal translocation carriers on the outcome of day3 and day5/6 PGT-SR embryos
215	6:15 pm Screen 5	Clara	Wu	Comparative Embryo Outcomes following Extending Embryo Culture to Day 6: A Quality Improvement Study
216	6:15 pm Screen 6	Rachel	Butler	Outcomes of Mosaic Embryo Transfers from a Canadian Private Fertility Centre
217	6:30 pm Screen 3	Andreas	Abraham Zadeh	Eugin Clinic's experience of expanded screening for genetic diseases prior to ART

218	6:30 pm Screen 4	Mohammed	Bazarah	How do Women with Polycystic Ovary syndrome's Obstetrical and Neonatal Outcomes compare to controls when both have had bariatric surgery: A Population Based Study.
219	6:30 pm Screen 5	Jaume	Minano Masip	Retrospective study comparing IVF antagonist protocols utilizing highly purified human menopausal gonadotropin and three different recombinant FSH preparations
220	6:30 pm Screen 6	Nicole	Logan	Genetic Counselling on Mosaic embryos: Patient Concerns and a Genetic Counsellor's Perspective

**Oral Session:**

**Friday September 24<sup>th</sup>, 2021 – Grand Ballroom D**

**Basic Science and Humanities**

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**Friday September 24<sup>th</sup>, 2021 – Stanley Park Ballroom**

**Clinical**

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203	11:40 am	Mitko	Madjunkov	Static Morphology of Mosaic Embryos is a Prognostic Factor of Transfer Outcome
204	12:00 pm	Shirin	Dason	An Assessment of the Complexities of Reproduction Decision-Making Between BRCA-Positive Patients and Healthcare Providers.

**Poster Session:**Friday September 24<sup>th</sup>, 2021 – Bayshore Grand Foyer**Basic Science and Humanities**

<b>Poster #</b>	<b>Time</b>	<b>Submitter First Name</b>	<b>Submitter Last Name</b>	<b>Submission Title</b>
113	5:30 pm Screen 1	Tina Tu- Thu Ngoc	Nguyen	Human Platelet Lysate Increases Attachment of Trophoblast Spheroids to Primary Endometrial Epithelial Cells from Patients with Recurrent Implantation Failure
114	5:30 pm Screen 2	Sahar	Jahangiri	Advancements in the CReATe Biobank, the certified Resource for Reproductive Biology Research
115	5:45 pm Screen 1	Mirabelle	Ho	Human Induced Pluripotent Stem Cells Reprogrammed from First Trimester Human Umbilical Cord Perivascular Cells: Model for Development and High-throughput Drug Screening
116	5:45 pm Screen 2	Danielle	Dubois	Canadian Fertility Nurses' Learning Needs
117	6:00 pm Screen 1	Anushka	Kuwar	Identifying Facilitators and Barriers to Embracing Embryo Donation for Reproductive Use and Gaps in Current Literature
118	6:00 pm Screen 2	Jennifer	Gordon	Which psychotherapy techniques do women prefer for the treatment of infertility-related distress?
119	6:15 pm Screen 1	Abdul Munaf	Sultan Ahamed	Fertilization and Blastocyst Rates in High DFI Patients and Normal DFI Patients Comparable with the use of Magnetic Sperm Enrichment Technology (MaSE).
121	6:30 pm Screen 1	Lianet	Lopez	Human umbilical cord perivascular cells (HUCPVC) for onco-fertility preservation: assessing effects in a tumor-bearing mouse model
122	6:30 pm Screen 2	Adi	Kuperman	Optimization of Microbial DNA Extraction from Follicular Fluid for Metagenomics Analysis
123	6:45 pm Screen 1	Reem	Sabry	BPA affects DNMT3A transcription, but not translation, in a miR-21-dependent manner in bovine granulosa cells

### Clinical

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221	5:30 pm Screen 3	Ran	Antes	Development of an Integrated LIMS and Electronic Database for High Throughput Preimplantation and Fertility Genetic Testing in the CReATe Reproductive Genetics Laboratory
222	5:30 pm Screen 4	Arielle	Cantor	The Effect of the Ontario Fertility Program on the Utilization of and Outcomes from In Vitro Fertilization in Women of Advanced Reproductive Age
223	5:30 pm Screen 5	Kristy	Cho	The proportion of live births following in-vitro fertilization is higher in women with a history of recurrent pregnancy loss: a population study
224	5:30 pm Screen 6	Julia	Louis	Evaluation of Microfluidics-Based Sperm Separation Device to Isolate Spermatozoa for ART
225	5:45 pm Screen 3	Mitko	Madjunkov	Fetal ANXA5 M2 Haplotype Contributes to Sporadic Miscarriage of Euploid Fetuses
226	5:45 pm Screen 4	Megan	Dufton	Microfluidic sperm sorting results in differences in progressive motility, hyperactivity and anti-sperm antibody binding compared to density gradient centrifugation
227	5:45 pm Screen 5	Aashi	Aggarwal	Complete mitochondrial and nuclear genome analysis of human embryos from a single trophectoderm biopsy – an optimized approach
228	5:45 pm Screen 6	Cassandra	Greenberg	A comparison of reproductive outcomes following frozen embryo transfer of low-quality day 5 embryos vs. high-quality day 6 embryos
229	6:00 pm Screen 3	Charlie	Rooney	Hyaluronan-rich supplemented medium (HRSM) does not improve pregnancy rate among frozen embryo transfer cycles.
230	6:00 pm Screen 4	Angie	Mace	Is oocyte cryopreservation a good “insurance policy”? An observational study of patients under 38 years of age using Violet artificial intelligence live birth prediction tool vs actual live birth rates of patients 38 and over undergoing IVF with ET.
231	6:00 pm Screen 5	Rahana	Harjee	Elective oocyte preservation: An eight year single-centre experience
232	6:00 pm Screen 6	Ali	Mourad	Prediction Model of Pregnancy Outcomes in Artificial Insemination with Donor Cycles
233	6:15 pm Screen 3	Suha	Arab	Fertility preservation outcome in breast and non-breast cancer patients
234	6:15 pm Screen 4	Sofia	Hussaini	Impact of protocol adjustments due to the Covid-19 pandemic on infertility treatment for IVF and FET outcomes

235	6:15 pm Screen 5	Ana	Novoselska	Miniaturizing and Semi-Automating the Manual Clinical Veriseq-PGT-A Miseq Library-Preparation Protocol Using Mosquito®-HV
236	6:15 pm Screen 6	Winnie	Yan	Rekovellet and Menopur mixed protocol for controlled ovarian stimulation in IVF
237	6:30 pm Screen 3	Suha	Arab	Follitropin Delta: Dosing for Ovarian Stimulation and Insemination
238	6:30 pm Screen 4	Rahana	Harjee	Are intangible factors, such as stress, impacting miscarriage rates in IVF pregnancies during the COVID-19 pandemic?
239	6:30 pm Screen 5	Francis	Petrella	Impact of age and fertility status on the consistency of repeat measurements of Sperm DNA Damage: A single-center, prospective, dual visit study

**Oral Session:**

**Saturday September 25<sup>th</sup>, 2021 – Stanley Park Ballroom 1 & 2**

**Basic Science and Humanities**

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**Saturday September 25<sup>th</sup>, 2021 – Grand Ballroom D**

**Clinical**

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