



Position: Postdoctoral Fellow - Reproductive Fluid Extracellular Vesicles Projects

Company: CReATe Program Inc.

Location: Toronto, Ontario

Job Description: Research program in top-rated fertility clinic setting seeks enthusiastic candidate to collaboratively undertake the investigation of extracellular vesicles (EVs) and EV-contained nucleic acids and proteins associated with male and female infertility as well as preeclampsia. In addition, the candidate will collaborate on studies aimed at investigating the regenerative properties of EVs derived from human umbilical cord perivascular cells.

Salary is commensurate with experience.

Requirements:

- Motivated and self-driven PhD graduate
- Previous technical experience in body fluid-derived extracellular vesicle isolation (ultracentrifuge, commercial EV isolation kits) and characterization (nanosight, electron microscopy, RNA sequencing, protein analysis by ELISA, Mass Spectrometry and/or Western Blotting)
- Highly skilled in molecular biology and cell culture
- Previous bioinformatics experience
- Proficient knowledge of cell signaling pathways
- Knowledge of reproductive biology and ART is an asset
- Excellent Communication Skills and Team Work Skills

Responsibilities will include:

- Planning and overseeing the technical execution of projects related to the characterization of EVs in seminal fluid, follicular fluid, serum and culture media
- Assistance with technical aspects of EV-related projects (in collaboration with stem cell research group)
- Supervision of technicians and students working on EV projects
- Assistance with preparation of grant applications
- Preparation of manuscripts

TO APPLY: please submit cover letter, CV, and names and contact information for three references and reference **JOB#20161123- postdoctoral position** in letter subject. We thank all applicants for their interest. Please note that only candidates who meet requirements will be contacted.

Company Description:

CReATe Program Inc. is a Toronto-based health care company with over 15 years of experience in providing advanced reproductive care, including extensive R&D and education programs in the area of reproductive biology and regenerative medicine. CReATe currently employs over 120 people in Toronto, Ontario, and is conducting research for the advancement of assisted reproductive technologies and the development of new tests for male and female infertility, as well as the development of human umbilical cord stem cell-based therapies.