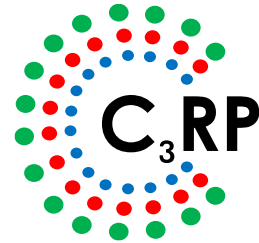


Postdoctoral Associate in Environmental Cardiology and Stem Cell Disease Modeling

The Cardiology and Critical Care Research Program (C₃RP, www.c3rp.org) at the Robarts Research Institute is located on the Western University campus and is connected to the London Health Sciences Center (LHSC). **Dr. Mark Chandy** is a clinician scientist who is starting a stem cell laboratory at Western University. His research focuses on environmental cardiology and stem cell biology. The laboratory will investigate the pathophysiology of environmental exposures such as marijuana, air pollution, and e-cigarettes on cardiovascular disease using human-induced pluripotent stem cell (iPSC)-derived cardiovascular tissue. Dr. Chandy is seeking an independent, talented, and highly motivated postdoctoral fellow with expertise in cell culture, stem cell biology, molecular biology, small animal models, and bioinformatics.



Start Date: Fall or Winter 2023 (flexible)

Duration: 3-4 years

Remuneration: Commensurate with experience

Qualifications:

- Ph.D. in basic science within the past 2 years
- Exceptional knowledge of cell culture
- Experience in stem cell biology
- Strong understanding of cardiovascular disease
- Experience with analyzing RNA sequencing data
- Excellent understanding of applied statistics
- Proficiency in the English language, including manuscript, and grant preparation

Procedure:

- Application package: CV, 1-page letter of reference, and 3 references (email)
- Please submit the full application to mchandy2@uwo.ca with the subject "Postdoctoral Application"