Influence of antidepressants in pregnancy on the microbiome of the offspring

Presenter: Dr. Katherine Prowse, PGY5

Supervisor: Dr. Elyanne Ratcliffe

Presentation Summary: Fetal and neonatal exposure to SSRIs leads to alterations of microbiota and potentially metabolomics in the offspring that increase the risk of intestinal inflammation. The purpose of this study is to provide the proof of principle that early life exposure to SSRIs can predispose to intestinal inflammation and susceptibility to IBD.

This work was supported in part by a Department of Pediatrics Specialty-Subspecialty Research Award received by Dr. Prowse in 2016.

Presentation Objectives:
1. Review study proposal and rationale
2. Seek constructive feedback from attendees on research proposal

All faculty, research staff, allied health staff, and trainees are welcome to attend.
*These are interactive sessions - we want to hear your feedback, questions and great ideas!*

Contact: Lindsay Akrong x26953

DEPARTMENT OF PEDIATRICS
http://fhs.mcmaster.ca/pediatrics_research/research_events.html

The Research Roundtable is a self-approved group learning activity (Section1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada.