

# Adverse Effects of Environmental Perturbations on Behavior

Journal Club

Course Syllabus

2024-2025

## JOURNAL CLUB

### MODULE 2

Toxicology & Pharmacology

### DATE/TIME

Thursday, Nov 21st, 2024  
13:30 to 16:30 EST

### LANGUAGE

English

### FREE REGISTRATION

[www.camccol.com](http://www.camccol.com)

## DESCRIPTION

This journal club aims to deepen critical appraisal skills and develop critical thinking for analyzing and reading scientific articles as it pertains to the study of adverse effects of environmental perturbations on behavior in animal models (in vivo). This session will provide an interactive and social opportunity for peer-to-peer learning, with time for questions and group discussion.

## LEARNING OBJECTIVES

- Develop critical appraisal skills for analyzing and reading scientific articles
- Identify and analyze the main methodological strengths and weaknesses of scientific articles
- Develop collaborative and teamwork skills with respect to discussions surrounding scientific articles
- Demonstrate enhanced presentation skills with respect to summarizing scientific articles

## ADDITIONAL INFORMATION

Trainees in our 2024-2025 cohort will be divided into 2 groups and each group will present an article review during the journal club.

1. Mourlon M et al. Maternal deprivation induces depressive-like behaviours only in female rats. [10.1016/j.bbr.2010.05.017](https://doi.org/10.1016/j.bbr.2010.05.017)

2. Baudin A et al. Maternal deprivation induces deficits in temporal memory and cognitive flexibility and exaggerates synaptic plasticity in the rat medial prefrontal cortex. [10.1016/j.nlm.2012.08.004](https://doi.org/10.1016/j.nlm.2012.08.004)

## HOSTED BY

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