



UNIVERSITA' DEGLI STUDI DI TRIESTE

**Scuola di Dottorato
in Scienze della Riproduzione e dello Sviluppo**

Giovedì 19 novembre p.v. ore 14 - 17, aula 8 zona didattica Ospedale di Cattinara.

Introduction to Systematic Review and Meta-Analysis

Description:

The aim of this seminar is to provide an introduction to systematic reviews and the methodologies used to conduct, report, and appraise them.

Participants:

PhD students willing to approach to systematic review methodology.

Pre-requisites: None.

Learning Objectives: Upon completing the seminar, students will be able to:

- Define what is a systematic review; define what is a meta-analysis;
- Describe the essential steps of performing a systematic review and meta-analysis;
- Formulate an epidemiologic or clinical research question on their own fields of study, using the "Participants Interventions Comparisons Outcomes" (PICO) framework;
- Read a forest plot and interpret the results of a meta-analysis;
- Describe strengths and limitations of systematic reviews.

Methodology:

A mixture of presentations and group activities will be used to introduce participants to major aspects of the review process. Example and exercises will be based on published systematic reviews.

Instructor:

Michela Sonogo, epidemiologist, paediatrician, third year PhD student in Sciences of Reproduction and Development