

Evidence Synthesis Methods

Description

This intensive course will cover all basic and advanced aspects of synthesis of evidence from studies addressing questions of treatment, prognosis and diagnosis.

The course will start with the principles and practical steps of systematic reviews, including the design and conduct of comprehensive literature searches, data extraction and presentation, assessment of study quality and examination for publication bias and other biases. It will then move to more advanced topics of multivariate meta-analysis, network meta-analysis and meta-analysis of prognostic and diagnostic studies. Statistical methods for combining results in meta-analysis will be detailed and the course will include practical exercises in Stata and R.

Objectives

By the end of this course participants will understand the role and potential of evidence synthesis methods and will be able to undertake a systematic review and meta-analysis

Dates

Mon, Sep 16 – Fri, Sep 20, 2019

Course Structure

The course will include lectures, pen and paper exercises, group work and computer practicals. Participants will have to read several papers and book chapters before the course and may continue working on the practicals after the course.

Assessment

exam

Contact:

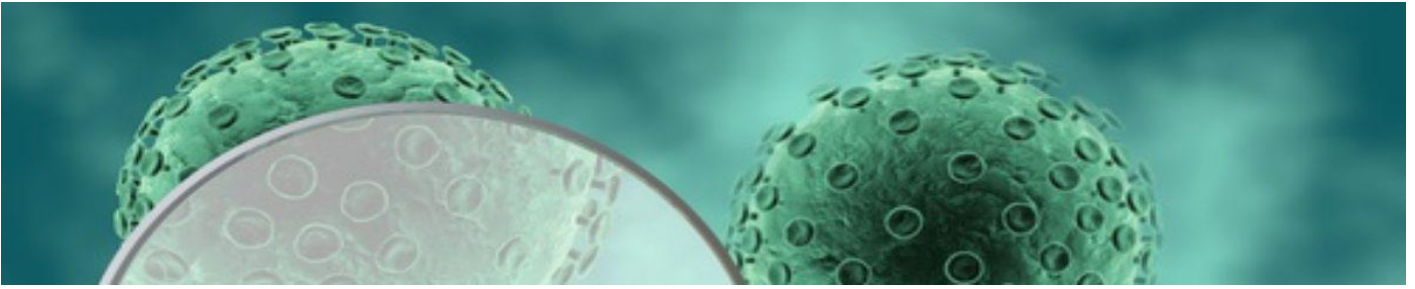
Course coordination: Ann Walser

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CAS in Clinical Research



Credits

2 ECTS

Preparation Work: 15 h, Contact: 30 h, Follow-up work: 5 h

(1 ECTS corresponds to appr. 25-30 hours workload)

Facilitator

Prof. Georgia Salanti, Prof. Matthias Egger

Institute of Social and Preventive Medicine, University Bern

Location

ISPM Bern, Mittelstrasse 43, 3012 Bern, Room 320

Contact:

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