

Title: Nutritional Epidemiology: methods and practice

Description:

This lab will give you an overview on up-to-date approaches for the identification of dietary patterns in nutritional epidemiology.

There will be a focus on practical sessions, where students will face with real-life research questions on epidemiological data and their inherent complexity. In detail, we will consider datasets obtained within different study designs.

Duration: 20 hours (5 slots of 4 hours)

- May, 17 (Friday) 14:00-18:00
- May, 24 (Friday) 14:00-18:00
- May, 31 (Friday) 14:00-18:00
- June, 10 (Monday) 9:00-13:00
- June, 17 (Monday) 9:00-13:00

Main Contents:

- Basics of nutritional epidemiology: dietary assessment and health/disease outcomes within standard epidemiological designs
- Dietary patterns in nutritional epidemiology: rationale
- A priori, a posteriori, and mixed-type dietary patterns
- Standard approaches for the identification of dietary patterns
- Key elements in the development of novel approaches to dietary pattern identification

Eligible students: 15 students at most are allowed to attend

Preferred Skills:

- Basic knowledge of R and SAS
- Basic knowledge of matrix algebra
- Basic knowledge of dimensionality reduction methods
- Programming skills (students are allowed to use their preferred language)
- Interest in Epidemiology and/or in Nutritional Epidemiology

You can send your application through this form: <https://forms.office.com/e/xhXSabqzU>

Application Deadline: May 10, 2024, h 23.59