



Practical Environmental Cytometry 2.5 - credits, in English

Sede Boqer Campus

Lecturers :*Prof. Mike Zubkov ,Dr. Nina Kamennaya*

The course goal

Provide theoretical basis and hands-on experience for cytometric analysis and separation of target cells from both solid and liquid samples; systematically analyse credible applications of cytometric techniques in the environmental research.

Audience

MSc and PhD students and outstanding BSc Seniors in environmental microbiology, ecology and biotechnology.

7-11 Apr 2024

Day 1 :Essential basics of cytometry

Day 2 :Cytometry applications

Day 3 :Sorting strategies

Day 4 :Design of cytometry-based experiments

Day 5 :Practical work: cytometric analysis of natural aquatic samples and separation of target cells in liquid and solid samples