



Course advertisement

Molecular Biology Methods

This course is intended to provide a general overview, as well as deep insights into different molecular biology methods for gene and protein expression profiling, promoter regulation analysis and gene silencing (including real-time quantitative PCR, chromatin immunoprecipitation, siRNA transfection, Western blotting, and co-immunoprecipitation). The course is intended to be of direct practical application and will cover experimental design and protocols, methodology approaches, limitations, troubleshooting and results presentation of the discussed methods. Real-life case scenarios and practical issues will be also discussed.

The course is open to all PhD students.

Date / time	September 9 + 10, 2024 (2 full days)
Room	University of Zurich, Irchel Campus, room to be announced
Type	Lecture
Preparation	Students are requested to bring real case scenarios or issues from their own research for discussion.
Lecturer	PD Dr. Pedro A. Ruiz-Castro (pa.ruizcastro@gmail.com)
Maximum participants	25
Recommendation	To be taken during the first year of the PhD
Further information	BioMed Coordination Office: Andrea Schmitz (andrea.schmitz@uzh.ch)
Credit points	1 ECTS credit
Registration	By email to Andrea Schmitz (andrea.schmitz@uzh.ch) Deadline for registration: August 8, 2024