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, analysis of promoter regulation and gene silencing (including real-time quantitative PCR, Chromatin immunoprecipitation, Western blot, High throughput screening, etc.). The course is intended to be of direct practical application and will cover experimental design, different methodology approaches, method limitations, troubleshooting, protocols reagents and kits, and presentation of results. Real life case scenarios and practical issues will be also discussed.

The course is open to all PhD students.

**Date / time**  
**September 2 + 3, 2020** (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**  
Dr. Pedro A. Ruiz-Castro ([pedroantonio.ruiz-castro@uzh.ch](mailto:pedroantonio.ruiz-castro@uzh.ch))

**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](mailto:andrea.schmitz@uzh.ch))

**Credit points**  
1 ECTS credit

**Registration**  
By email to Andrea Schmitz ([andrea.schmitz@uzh.ch](mailto:andrea.schmitz@uzh.ch))

Deadline for registration: August 8, 2020