

BIO-617

Practical - Gönczy Lab

Gönczy Pierre

Cursus	Sem.	Type
Molecular Life Sciences		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Project report
Workload	30h
Hours	24
Courses	6
TP	18
Number of positions	2

Frequency

Every year

Remark

3-day Block course, every year in January. To register, contact EDMS Administration

Summary

Give students a feel for some of the approaches pursued to understand mechanisms underlying cell division processes, primarily in *C. elegans* embryos but also in other systems, including human cells in culture.

Content

Students will conduct experiments (time-lapse microscopy, indirect immunofluorescence microscopy, ...) that should allow them to formulate a reasonable hypothesis about the function of a mystery gene that will be assigned to them.

Note

Note that while the course is open to all first and second year EPFL doctoral students, priority will be given to 1st & 2nd-year EDMS students, given that they are mandated to take three EDMS practicals modules.

Note also that doctoral students from the Gönczy laboratory cannot take this course.

Access is limited to 4 students. Takes place every year in January.

Keywords

Cell division, *C. elegans*, human cells, developmental biology, genetics, functional genomics.

Learning Prerequisites**Recommended courses**

None

Resources**Websites**

- <http://gonczy-lab.epfl.ch/>