

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
<b>Hours</b>	<b>24</b>
Lecture	6
Practical work	18
<b>Number of positions</b>	<b>2</b>

**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**

Please note that you are not allowed to inscribe in your own group!

Note that 3 practical courses are mandatory for all EDMS students and that they have the priority; each course has between 2 to 4 possible slots.

**Therefore, please do not register by yourself to this course, this will be done by the EDMS program administrator!**

**Keywords**

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

**Learning Prerequisites****Recommended courses**

None

**Resources****Websites**

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