

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

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/>