

BIO-603(O)

Practical - Oricchio Lab

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Cursus	Sem.	Type
Molecular Life Sciences		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Project report
Workload	30h
Hours	26
Lecture	8
Practical work	18
Number of positions	3

Frequency

Every year

Remark

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

Summary

Training in hemato-oncology. Analysis and genetic manipulation of hematopoietic progenitor cells. Morphological recognition of main hematopoietic lineages.

Content

The students will learn how to:

- 1) collect and genetically modify murine hematopoietic progenitor cells
- 2) set up hematopoietic colony- forming unit assay
- 3) stain and analyze blood smears

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

hematology, genetics

Learning Prerequisites**Important concepts to start the course**

Students should be familiar with cell culture.

Learning Outcomes

By the end of the course, the student must be able to:

- Manipulate hematopoietic progenitor cells
- Grow hematopoietic progenitor cells

