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**
Courses	8
TP	18
Number of positions	**3**

Frequency

Every 2 years

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 hematopoetic progenitor cells
2) set up hematopoietic colony- forming unit assay
3) stain and analyze blood smears

Note

Please note that you cannot register in your own group Practical!
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 hematopoeitic progenitor cells
- Grow hematopoeitic progenitor cells