

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
<b>Hours</b>	<b>26</b>
Courses	8
TP	18
<b>Number of positions</b>	<b>3</b>

**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 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 hematopoietic progenitor cells
- Grow hematopoietic progenitor cells