Frequency
Every year

Summary

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 of blood smears

Note
Note that while the course is open to all 1st year EPFL doctoral students, priority will be given to 1st & 2nd-year EDMS students, given that they are mandated to take three EDMS practical modules. Note also that doctoral students from the Oricchio and Naveiras laboratories cannot take this course. Access is limited to 4 students. Takes place every year in January.

Keywords
hematology
genetics

Learning Prerequisites
Required courses
student should be familiar with cell culture

Learning Outcomes
By the end of the course, the student must be able to:
• Manipulate and grow hematopoietic progenitor cells

Assessment methods
Project report, written