**Course 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

**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