

BIO-640

Practical - Van der Goot Lab

van der Goot Gisou

Cursus	Sem.	Type
Molecular Life Sciences		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Project report
Workload	30h
Hours	24
Courses	6
TP	18
Number of positions	3

Frequency

Every year

Remark

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

Summary

Membrane organization. Investigate the compartmentalisation of biological membranes: what are the determinants of the localization of transmembrane proteins in the 2 dimensional space of the membranes?

Content

Introduction, isolation of membrane domains (tissue culture, subcellular fractionation, SDS-PAGE, western blotting), cellular localization of membrane proteins (immunofluorescence).

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!

Learning Prerequisites**Recommended courses**

Basic knowledge of cellular and membrane biology.

Resources**Websites**

- <http://vdg.epfl.ch/>