

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
<b>Hours</b>	<b>24</b>
Courses	6
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**

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 are not allowed to inscribe in your own group!

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/>