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
Note that while the course is open to all 1st year EPFL doctoral students, priority will be given to EDMS students, given that they are mandated to take three EDMS practical modules. Note also that doctoral students from the van der Goot laboratory cannot take this course. Access is limited to 3 students.

Learning Prerequisites
Recommended courses
Basic knowledge of cellular and membrane biology.

Resources
Websites
• http://vdg.epfl.ch/