

BIO-663

**Practical - Trono Lab**

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Cursus	Sem.	Type
Molecular Life Sciences		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Oral
Workload	30h
<b>Hours</b>	<b>24</b>
Courses	6
TP	18
<b>Number of positions</b>	<b>2</b>

**Frequency**

Every year

**Remark**

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

**Summary**

Production of lentivector

**Content**

Lentivectors are powerful tools to generate stable cell lines for overexpression, knock-down, knock-out and epigenetic modifications. It has a large genetic capacity and the ability to transduce both dividing and non-dividing cells, primary or other difficult-to-transfect cells. We will perform a lentivector production and titration with 2nd generation lentiviral packaging system.

**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!**

**Keywords**

Epigenetics

**Learning Prerequisites****Recommended courses**

Basic knowledge in cellular biology.

**Resources****Websites**

- <https://www.epfl.ch/labs/tronolab/>