

BIO-663

**Practical - Trono Lab**

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<b>Cursus</b>	<b>Sem.</b>	<b>Type</b>
Molecular Life Sciences		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Oral
Workload	30h
<b>Hours</b>	<b>24</b>
Lecture	6
Practical work	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**

Introduction to epigenetics

**Content**

We will start with an introduction on epigenetics with a focus on human transposable elements and their epigenetic silencers. We will perform a Chromatin immunoprecipitation (ChIP) experiment, a technique largely used in the field.

**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!**

**Keywords**

Epigenetics

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

Basic knowledge in cellular biology.

**Resources****Websites**

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