

BIO-638

**Practical - Lemaitre Lab**

Lemaitre Bruno

<b>Cursus</b>	<b>Sem.</b>	<b>Type</b>
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>2</b>

**Frequency**

Every year

**Remark**

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

**Summary**

Drosophila immunity. Give students a feel for some of the approaches pursued to understand mechanisms underlying cell division innate immunity in Drosophila.

**Content**

Students will learn how to use Drosophila to dissect host-pathogen interactions. Lab work will include survival analysis using wild-type and mutant fly stocks, antimicrobial peptide gene expression using RT-qPCR or reporter genes, methods to infect flies...

<http://lemaitrelab.epfl.ch/>

**Keywords**

Drosophila, innate immunity, infection, gut immunity.

**Resources****Websites**

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