

BIO-657

**Landmark Papers in Cancer and Infection**

Fellay Jacques, Various lecturers

Cursus	Sem.	Type
Molecular Life Sciences		Opt.

Language of teaching	English
Credits	2
Session	
Exam	Oral presentation
Workload	60h
<b>Hours</b>	<b>28</b>
Courses	28
<b>Number of positions</b>	

**Frequency**

Every 2 years

**Remark**

Next time: Spring 2020

**Summary**

The topics will cover all the fields in which the GHI and ISREC PIs work.

**Content**

It will allow the students to be exposed to (non exhaustive):

- various pathogenic organisms (bacteria, viruses and helminths)
- different experimental infection models (cells, mice, daphnae, flies)
- various models to study animal development
- various systems to study cancer

Each session will include a 30 min introduction by the professors, followed by the presentation and dissection of a paper in the field. All students will prepare the paper beforehand and a student will be selected for the presentation.

**Keywords**

Infection, cancer, development, cell division, epigenetics, genomics, drug development.

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

Basic cell and molecular biology.

**Resources****Moodle Link**

- <http://moodle.epfl.ch/course/view.php?id=13780>