

BIO-603(TL) **Practical - Tang Lab**

Tang Li

Cursus	Sem.	Type
Molecular Life Sciences		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Multiple
Workload	30h
Hours	24
Courses	6
TP	18
Number of positions	2

Frequency

Every year

Remark

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

Summary

In this course, the students will learn the basics skills in cancer immunotherapy and immunoengineering. Open to 4 students.

Content

The students will learn how to

- 1) isolate and purify immunotherapeutics
- 2) formulate engineered nanoparticle delivery system
- 3) evaluate in vitro killing efficiency with effector T cells

Keywords

cancer immunotherapy, immunoengineering

Learning Prerequisites**Required courses**

Immunology

Recommended courses

Biomaterials

Learning Outcomes

By the end of the course, the student must be able to:

- See above in the filed "Note"

Assessment methods

Project report
Oral presentation

Resources

Websites

- <https://tang-lab.epfl.ch/>