Frequency
Every year

Summary
In this course, the students will learn the basics skills in cancer immunotherapy and immunoengineering. Open to 4 students (except for the 1st time in 2020, only 2 students will be accepted!).

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/