

BIOENG-399 Immunoengineering
Prof. Li Tang (li.tang@epfl.ch)
Spring 2025 SYLLABUS

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Lectures (L)	CE1106	Friday 8h15-10h00	CE1106
Exercises (E)	CE1106	Friday 10h15-12h00	CE1106

Date	Class	Content/Activity	Teacher(s)
21-Feb	L1	Introduction	LT
		none	
28-Feb	L2	The Emerging Field of Immunoengineering	LT
	E1	review and exercise	TAs
7-Mar	L3	Cancer and Cancer Immunotherapy	LT
	E2	review and exercise	TAs
14-Mar	L4	Introduction to Flow Cytometry	Dr. Miguel Garcia
	E3	review and exercise	TAs
21-Mar	L5	Overview of Drug Delivery	LT
	E4	EPFL Flow Cytometry Core Facility (FCCF)	TAs
28-Mar	L6	Material Engineering in Cancer Immunotherapy	LT
	E5	EPFL Flow Cytometry Core Facility (FCCF)	TAs
4-Apr	L7	Immune Cell Engineering	LT
	E6	review and exercise	TAs
11-Apr	L8	Metabolic Engineering and Immunity	Dr. Mathias Wenes
	E7	review and exercise	TAs
18-Apr		Good Friday	
25-Apr		Easter	
2-May	L9	An Overview of Vaccine	LT
	E8	Tang lab visit	TAs
9-May	L10	Design of Immunogenic Vaccines I	LT
	E9	Tang lab visit	TAs
16-May	L11	Design of Immunogenic Vaccines II	LT
	E10	review and exercise	TAs
23-May	L12	Considerations in Drug Disc.&Devel.	Dr. Yvan Loroch
	E11	review and exercise	TAs
30-May	L13	Special Vaccines	LT
	E12	review of the whole course	TAs
Final Exam: time/place to be accnounced by email and Moodle			

Lectures (L) lectures by Tang: 10

[guest lectures](#): 3

Exercises (E) [review and exercise](#): 8

[lab visit](#): 4