TIGP-Molecular Medicine Program - Experimental Approaches in Molecular Medicine Syllabus

Credits: 2 (Elective; lectured in English)
Time: 1:30-3:20 PM, Tuesdays, Feb. 27~ April 23, 2024
Classroom: 8F TIGP classroom, Institute of Biomedical Sciences, Academia Sinica
Coordinator: Dr. Chia-Wei Li, IBMS, Academia Sinica
Evaluation: Both the midterm and final exam are take-home exams (50% each).

Class	Date	Topic	Lecturer		Contact
1	2024/2/27	Cell and organoid culture	Dr. Yu-Ru Lee	李育儒	yrlee@ibms.sinica.edu.tw
			Dr. Jr-Wen Shui	徐志文	jshui@ibms.sinica.edu.tw
2	2024/3/5	Immune cell sorting	Dr. Ya-Jen Chang	張雅貞	yajchang@ibms.sinica.edu.tw
		Antibody engineering	Dr. Chia-Wei Li	李家偉	cwli@ibms.sinica.edu.tw
3	2024/3/12	Neurobiology techniques	Dr. Wan-Chen Lin	林宛蓁	wchlin@ibms.sinica.edu.tw
4	2024/3/19	CRISPR	Dr. Jun Suzuki	鈴木淳	jsuzuki-g@icems.kyoto-u.ac.jp
		CAR-T technologies	Dr. Chia-Wei Li	李家偉	cwli@ibms.sinica.edu.tw
Midterm Exam (3/19assign questions, 3/19-3/26 take home exam)					
5	2024/3/26	MRI	Dr. Dennis W Hwang	黃聖言	dwhwang@ibms.sinica.edu.tw
6	2024/4/2	Genetic epidemiology	Dr. Hung-Hsin Chen	陳弘昕	hunghsinchen@ibms.sinica.edu.tw
7	2024/4/9	Genomic techniques	Dr. Yuh-Shan Jou	周玉山	jou@ibms.sinica.edu.tw
8	2024/4/16	Virus study	Dr. I-Hsuan (Jessica) Wang	王宜萱	ihwang@ibms.sinica.edu.tw
		Viral tools	Dr. Song-Kun Shyue	徐松錕	skshyue@ibms.sinica.edu.tw
9	2024/4/23	Nanomedicine	Dr. Che-Ming (Jack) Hu	胡哲銘	chu@ibms.sinica.edu.tw
Final Exam (4/23 assign questions, 4/23-4/30 take home exam)					