

Core approaches for current molecular biology research

Course credit: 1

Time: 03:30-05:20 PM on Monday, Fall 2022

Place: 1F Auditorium, IMB, Academia Sinica

Organizers: Pei-Wen Hsiao (TIGP-MBAS), Nan-Shih Liao (TIGP-MCB) and Woan-Yuh Tarn (TIGP-MM)

		Topics	Lecturers
1	Sept. 26 th	Proteomics approaches for probing cellular mechanisms	陳逸然 Yet-Ran Chen
2	Oct. 3 rd	Biostatistics	賴恩語 June Lai
	Oct. 10 th	National day (no class)	
3	Oct. 17 th	Microscopy in biomedical research	林書葦 Suewei Lin
4	Oct. 24 th	RNA level: from post-transcription to translation	蔡松智 Kevin Tsai
5	Oct. 31 st	DNA level: epigenetics, chromatin structure and genome organization	高承福 Cheng-Fu Kao
6	Nov. 7 th	High throughput next generation sequencing	呂美曄 Mei-Yeh Lu
7	Nov. 14 th	Single cell technologies and analysis	陳世滄 Shih-Yu Chen
8	Nov. 21 st	Bioinformatics and algorithms	林信男 Hsin-Nan Lin
9	Nov. 28 th	Next generation sequencing data analysis	余承欣 Chen-Hsin Yu
10	Dec. 5 th	Mouse model and nuclease-mediated genome editing	蔡青宴 Ching-Yen Tsai