

TIGP - CBMB 1131 Faculty Presentation

Course Information

Faculty Presentation is the course for students to know the research field and the faculty in the CBMB program. In the course, faculty give presentations and introduce their research, or students can go a lab visit. We encourage students to communicate with faculty and find the lab they are interested in.

Grading Scheme:

Attendance

* The faculty can give extra points if the students have outstanding performance.

Attendance Policy:

Unexplained absences: **-3** per presentation/lab visit

Late/arrived after the course begins: **-1** per presentation/lab visit

Schedule:

Date	Time	Location / Lab Location	Faculty	Topic	Presentation or Lab Visit
9/2	09:30-11:20	R208, IBC, AS	CBMB Coordinator & Committee	CBMB Orientation	
9/4	14:00-14:50	R208, IBC, AS	Dr. Jui-Hsia Weng	Drugging inflammation	Presentation
	15:00-15:50	R208, IBC, AS / R607, IBC, AS	Dr. Chi-Kuang Yao	Neuron-glia communication and neurological diseases	Presentation + Lab Visit
9/9	09:30-10:20	R208, IBC, AS	Dr. Jiun-Jie Shie	Specific Probes and Small Molecules Designed for Biological and Medicinal Applications	Presentation
	10:30-11:20	R208, IBC, AS / R701, IBC, AS	Dr. Guang-Chao Chen	Development of DUB inhibitors for cancer treatment	Presentation + Lab Visit
9/11	14:00-14:50	7F Meeting Room, GRC, AS	Dr. Wei-Chieh Cheng	harnessing small molecules to modulate disease associated sugar-processing enzymes	Presentation
	15:00-15:50	7F Meeting Room, GRC, AS / 7L11, GRC AS	Dr. Yun-Ru Chen	Protein misfolding and neurodegenerative diseases	Presentation + Lab Visit
9/16	09:30-10:20	R208, IBC, AS	Dr. Joseph Jen-Tse Huang	Understanding of protein misfolding in neurodegenerative diseases	Presentation
	10:30-11:20	R208, IBC, AS	Dr. Joseph Ho	Structural Studies of Phage for Infectious Disease	Presentation
9/18	14:00-14:50	R208, IBC, AS	Dr. Hsiung-Lin Tu	Integrated approaches for quantitative bioanalysis	Presentation
	15:00-15:50	R208, IBC, AS	Dr. Yu-Ling Shih	Bacterial cell surface in cell division, virulence, and pathogenesis	Presentation

9/23	09:10-10:00	R213, Life Science Building II, NTHU / R, 527, Life Science Building I, NTHU	Dr. Chun-Chao Wang	Tumor heterogeneities underlie triple-negative breast cancer progression	Presentation + Lab Visit
	10:00-10:50	R213, Life Science Building II, NTHU / R114 & R119, Life Science Building I, NTHU	Dr. Lee-Wei Yang	AI/MD-empowered molecular design	Presentation + Lab Visit
9/25	14:00-14:50	R208, IBC, AS	Dr. Choo Hock Tan	From Neglected Venom Proteins to Innovations in Biomedical Science	Presentation
	15:00-15:50	R208, IBC, AS	Dr. Cheng-Chung Wang	Statistical and AI Analysis on Glycosylation Reactions	Presentation
9/30	09:30-10:20	4F Meeting Room, GRC, AS / 5L06, GRC, AS	Dr. Kuo-I Lin	Regulatory mechanisms of B cells in health and disease	Presentation + Lab Visit
	10:40-11:30	R208, IBC, AS	Dr. Chun-Hung Hans Lin	Chemistry and biology of host-microbe interplay	Presentation
10/2 (cancelled)	14:00-14:50	R110, IBC, AS	Dr. Hsiao-Ching Lin	Biosynthesis of Fungal Natural Products: Bridging Genes, Enzymes, and Molecules	Presentation
	15:00-15:50	R110, IBC, AS	Dr. Wei Chen	Nanomedicine and Biomaterials in Disease Treatment	Presentation
10/7	10:30-11:20	R425, IAMS, AS (NTU Campus) / R408, IAMS, AS (NTU Campus)	Dr. Charles Lai	Exploring Biological Phenomena with Molecular Bioimaging	Presentation + Lab Visit
10/9	14:00-14:50	R208, IBC, AS	Dr. Lie-Fen Shyur	Phytomedicine Polypharmacology and Biotechnology for Cancer Therapy	Presentation
	15:00-15:50	R208, IBC, AS	Dr. Steve Sheng-Fa Yu	Integration of C1-Selective Catalysis Toward an Efficient C1 Biotransformation for Energy Storage	Presentation
10/14	11:00-11:50	Seminar Room (2), B1-02, DGP NTU	Dr. Kai-Chien Yang	Comparative investigation of cardiac regeneration in the mouse and zebrafish	Presentation + Lab Visit
10/16	15:30-16:20	R206, Life Science Building II, NTHU / R209, Life Science Building II, NTHU	Dr. Chih-Cheng Huang	BioMagNES Group: Advance precision medicine using magnetoelectronic nanotechnology	Presentation + Lab Visit
	16:40-17:30	R325, Chemistry building, NTHU / R626, Chemistry building, NTHU	Dr. Ching-Ching Yu	Research progress and future in CCYu group	Presentation + Lab Visit

10/21	09:30-10:20	R102, IBC, AS	Dr. Hsiao-Ching Lin	Biosynthesis of Fungal Natural Products: Bridging Genes, Enzymes, and Molecules	Presentation
	10:30-11:20	3L08, GRC, AS	Dr. Tsung-Lin Li	Natural product chemistry and mechanistic enzymology	Lab Visit
10/23	14:00-14:50	R208, IBC, AS / R116, IBC, AS	Dr. Jason Yen	Flying elephants: frontiers of mass spectrometry for membrane protein study	Presentation + Lab Visit
	15:00-15:50	7F Meeting Room, GRC, AS / 7L09, GRC, AS	Dr. Shang-Cheng Hung	Probing Specific Cell Surface Carbohydrate-Protein Interactions	Presentation + Lab Visit
10/28	09:30-10:20	R208, IBC, AS	Dr. Keng-hui Lin	Physics as a cellular signaling to perform biological functions	Presentation
	10:30-11:20	R208, IBC, AS	Dr. Danny Hsu	Folding and functions of topologically knotted proteins	Presentation
10/30	14:00-14:50	R208, IBC, AS	Dr. Wan-Chen Lin	Chemical and Optogenetic Tools for Precise Control of Neurotransmission	Presentation
	15:00-15:50	R208, IBC, AS	Dr. Wan Wan Lin	Role of CASK in regulation of cell stress and death	Presentation
	16:00-16:50	R208, IBC, AS	Dr. Wei Chen	Nanomedicine and Biomaterials for Drug Delivery and Disease Treatment	Presentation