

## TIGP - CBMB

### 2022 Autumn 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.

At the end of the course, students should submit the Lab Rotation Confirmation to the office. Late submission will cause a deduction of the grade.

#### 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/arrive after the course begins: **-1** per presentation/lab visit

Late submission of required documents: **-5** per document

#### Schedule:

Date	Time	Location (Lab Location)	Faculty	Topic	Presentation or Lab Visit
9/6	14:30-15:20	R208, IBC, AS	Dr. Yun-Ru Chen	Protein Misfolding and Neurodegenerative Diseases	Presentation
	15:30-16:20		Dr. Wei Yuan Yang	Cellular Responses to Injury	Presentation
9/9	Mid-Autumn Festival (no class)				
9/13	14:30-15:20	R208, IBC, AS	Dr. Yun Mou	Genetically Engineerable Biologics for Cancer Therapy	Presentation
	15:30-16:20		Dr. Yane-Shih Wang	Expanding Genetic Codes for Therapeutic Protein Design	Presentation
9/16	10:00-10:50	A108, IoC, AS (A301, IoC, AS)	Dr. Cheng-Chung Wang	Carbohydrate Synthesis Lab	Presentation +Lab Visit
	11:10-12:00	A108, IoC, AS (B606, IoC, AS)	Dr. Joseph Huang	Protein Misfolding and Peptide Drug Development	Presentation +Lab Visit

9/20	14:20-15:10	R208, IBC, AS (Room L-709, Genomics Research Center)	Dr. Shang-Cheng Hung	Cell Surface Carbohydrates: Synthesis and Applications	Presentation +Lab Visit
	15:30-16:20	GRC 4F Meeting Room (GRC, 5F)	Dr. Kuo-I Lin	Regulatory Mechanisms of B Cells in Health and Disease	Presentation +Lab Visit
9/23	10:00-10:50	R208, IBC, AS (R316, IBC, AS)	Dr. Joseph Ho	CryoEM and Beyond	Presentation +Lab Visit
	11:10-12:00	R208, IBC, AS (R802, IBC, AS)	Dr. Hans Lin	Drug Discovery Related to Gut Micro Iota	Presentation +Lab Visit
9/27	<b>CANCELLED</b>				
9/30	09:15-09:50	TIGP Classroom (8F), IBMS	Dr. Yu-Ling Shih	Bacterial Cell Division, Metabolism and Antibiotic Resistance	Presentation
	10:00-10:50	TIGP Classroom (8F), IBMS	Dr. Danny Hsu	Structural biology of protein post-translational modifications <b>**<a href="https://www.youtube.com/watch?v=0PopVTXZfdQ">https://www.youtube.com/watch?v=0PopVTXZfdQ</a>**</b>	Presentation +Lab Visit
10/4	14:30-15:20	R208, IBC, AS	Dr. Wan-Chen Lin	Developing Novel Tools for Precise Control or Probing of Neurotransmission in the Brain	Presentation
	15:30-16:20		Dr. Hsien-Ming Lee	Smart Liposome and Peptide-Membrane Interaction	Presentation
10/7	10:00-10:50	R208, IBC, AS	Dr. Tzu-Ching Meng	Expected and unexpected journeys in your PhD study— Perspectives from TIGP Dean	Presentation
	11:00-11:50	R208, IBC, AS	Dr. Kay-Hooi Khoo	Why Study Glycobiology and Why Glyco-Analysis is Important	Presentation
10/11	14:30-15:20	R208, IBC, AS	Dr. Hsiung-Lin Tu	Integrated Strategies for Quantitative Biology	Presentation
	15:30-16:20		Dr. Todd Lowary	Research in the Lowary Group	Presentation
10/14	10:00-10:50	R102, IBC, AS	Dr. Shie-Liang Hsieh	Host-Pathogen Interaction and Immunomodulation	Presentation
	11:00-11:50		Dr. Kai-Chien Yang	Healing the broken heart by regeneration	Presentation
10/18	14:30-15:20	R208, IBC, AS	Dr. Steve Yu	Bioremediation of Petroleum Chemicals for Value-added Chemical Production	Presentation

	15:30-16:20	R208, IBC, AS (R704, IBC, AS)	Dr. Jui-Hsia Weng	Chemical Immunology	Presentation +Lab Visit
10/21	10:00-10:50	R208, IBC, AS	Dr. Su-Chang Lin	Life-or-death Decisions	Presentation
	11:00-11:50		Dr. Lih-Chu Chiou	A long journey of drug development targeting $\alpha$ 6GABA-A receptor	Presentation
10/25	14:30-15:20	R208, IBC, AS	Dr. Tsung-Lin Li	Natural Product Chemistry & Structural Enzymology	Presentation
10/28	09:00-09:50	R208, IBC, AS	Dr. Hsin-Yung Yen	Dumbo's journey in mass spectrometer and its implication for protein biology	Presentation
	10:00-10:50		Dr. Shiang-Jong Tzeng	Fc $\gamma$ RIIB in vaccine-induced antibody response and autoimmunity	Presentation
	11:00-11:50		Dr. Lie-Fen Shyur	R&D of Botanical Drug for Cancer Therapy	Presentation
11/1	14:30-15:20	R218, LSII, NTHU (R119/114, LSI, NTHU)	Dr. Lee-Wei Yang	Safer Drug Faster by Targeting the Dancing Targets / Purify and test the effects of these dancing targets in the presence and absence of drug inhibitors	Presentation +Lab Visit
11/4	10:00-10:50	R209, IAMS, AS-NTU Main Campus (Rm408, IAMS, AS)	Dr. Charles Lai	Molecular Bioimaging of Bionanoparticles and DNA Repairs <i>**We create and apply new technologies to explore biological phenomena! Come by to chat!**</i>	Presentation +Lab Visit
	11:10-12:00	R209, IAMS, AS-NTU Main Campus (IAMS, AS)	Dr. Chia-Lung Hsieh	Advanced Optical Microscope Techniques for Molecular Biophysical Studies	Presentation +Lab Visit
11/4	<p>Submit required documents to the CBMB office before <b>15:00 (noon), 11/4:</b></p> <ol style="list-style-type: none"> <li>1. Lab Rotation Application Form</li> <li>2. Lab Rotation Confirmation Form (first and the second rotation)</li> </ol> <p>*Students should submit the forms in hard copy / original copy.  *Students should submit the forms before the rotations start.  *For students who register late, please confirm with the program secretary.  *Late submission will cause a deduction of grade.</p>				