

LIFS 6113D, Current Topics in Biochemistry & Biophysics

1. Course Description

The course aims to broaden the scientific horizon of postgraduate students in the field of Biochemistry and Biophysics via active participation during the class. A secondary goal is to learn presentation and other soft skills that will be of use outside their specific course topic. This course is a scientific forum for postgraduate students to exchange research information and to discuss scientific problems. The course is designed to develop the communication skills at presentation of scientific work and offer an opportunity to learn methods of critically evaluating journal articles.

2. Learning Outcomes

By the end of this course, you will be able to:

1. Describe the current research findings in the area of Biochemistry and Biophysics.
2. Evaluate and analyze information relevant to Biochemistry and Biophysics systematically.
3. Exchange research information/ideas, communicate and explain information/ideas in the area of Biochemistry and Biophysics.
4. Present research and scientific topics in an organized and rational manner, effectively use data and scientific principles to support rational conclusions and defend them in the discussion part of the presentation.

3. **Date/Time:** 5:00 PM-6:50 PM (Wednesday)

4. **Venue:** Zoom

5. **Instructors:**

Prof. Guang ZHU (GZ) (Ext. 8705, E-mail: gzhu@ust.hk)

Prof. Pingbo HUANG (PH) (Ext. 7305, E-mail: bohuangp@ust.hk)

Prof. Toyotaka ISHIBASHI (TI) (Ext. 2238, E-mail: toyotaka@ust.hk)

Prof. Shangyu DANG (SD) (Ext. 5944, E-mail: sdang@ust.hk)

Prof. Tuan Anh NGUYEN (TN) (Course coordinator) (Ext. 2679, E-mail: tuananh@ust.hk)

6. **Course Assessment**

The grading system of the course is P/F, mainly based on class attendance and participation. The minimum attendance requirement is 70% of scheduled classes (**8 out of 12 classes**). The students are expected to be active participants during each class period.

7. Schedule

Date	Lecture	Instructor
Sept. 9 th	Introduction	TN
Sept. 16 th	No lectures	
Sept. 23 rd	Student presentation	TN
Sep. 30 th	Student presentation	TN
Oct. 7 th	Student presentation	SD
Oct. 14 th	Student presentation	SD
Oct. 21 st	Student presentation	SD
Oct. 28 th	Student presentation	TI
Nov. 4 th	Student presentation	TI
Nov. 11 rd	Student presentation	PH
Nov. 18 th	Student presentation	PH
Nov. 25 th	Student presentation	GZ
Dec. 2 nd	Student presentation	GZ

Two to three students per a paper.

Assigned papers will be posted at least one week before presentation

Each student will have 20 mins presentation and 10-15 mins Q/A

For each paper, one student will present background of assigned paper and another will present new discovery and impact

Check the assignment sheet

The Students must sign the attendance sheet (70% attendance)