

LIFS 6113F, Current Topics in Biochemistry & Biophysics

1. Instructors

Prof. Yi LIAO (YL) (course coordinator) (Ext. 7922, Email: liao@ust.hk)

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Prof. Shangyu DANG (SD) (Ext. 8678, Email: sdang@ust.hk)

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

2. Teaching Assistants

N/A

3. Meeting Time and Venue

5:00 PM-6:50 PM (Wednesday), Venue: Rm 1032, LSK Bldg

4. Course Description

Credit Points: 2 credits

Pre-requisite: N/A

Exclusion: N/A

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.

5. Intended 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.

6. Assessment Scheme

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 (9 out of 13 classes). The students are expected to be active participants during each class period.

Assessing Course ILOs: 1,2,3,4

7. Learning Resources - Lecture Notes, Readings

Research articles on various topics will be sent out by instructors to students one week before scheduled presentations.

8. Teaching and Learning Activities

Scheduled activities: 2 hrs

Teaching Activities

Lecture/Seminar/Small-class/Laboratory

Attaining Course ILOs

1, 2, 3, 4

9. Course Schedule

Week	Date			Instructor	
1	Sep. 6	Course Introduction			YL
2	Sep. 13	Presentation 1			YL
3	Sep. 20	Presentation 2			YL
4	Sep. 27	Presentation 3			TN
5	Oct. 4	Presentation 4			TN
6	Oct. 11	Presentation 5			SD
7	Oct. 18	Presentation 6			SD
8	Oct. 25	Presentation 7			TI
9	Nov. 1	Presentation 8			TI

10	Nov. 8	Presentation 9			PH
11	Nov. 15	Presentation 10			PH
12	Nov. 22	Presentation 11			GZ
13	Nov. 29	Presentation 12			GZ