

## LIFS 6113E, 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:** LSK 1033 and Zoom (Students who cannot come back campus in Fall 2021-22 require approval from the university with a legitimate reason to attend class remotely.)

### 5. **Instructors:**

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

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

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

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

Prof. Tuan Anh NGUYEN (TAN) (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

| <b>Date</b> | <b>Content</b>       | <b>Instructor</b> |
|-------------|----------------------|-------------------|
| Sep. 1      | Brief Introduction   | SYD               |
| Sep. 8      | Student presentation | SYD               |
| Sep. 15     | Student presentation | SYD               |
| Sep. 22     | No lectures          |                   |
| Sep. 29     | Student presentation | TAN               |
| Oct. 6      | Student presentation | TAN               |
| Oct. 13     | Student presentation | TAN               |
| Oct. 20     | Student presentation | TI                |
| Oct. 27     | Student presentation | TI                |
| Nov. 3      | Student presentation | GZ                |
| Nov. 10     | Student presentation | GZ                |
| Nov. 17     | Student presentation | PBH               |
| Nov. 24     | Student presentation | PBH               |