

# LIFS 6113A, 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:** Rm 4504 (Lifts 25-26)

## 5. **Instructors:**

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

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

Prof. Tye Yeung Bik Kwoon (BT) (Ext. 7307, E-mail: biktye@ust.hk)

Prof. Zhang Mingjie (MZ) (Ext. 8709, E-mail: mzhang@ust.hk)

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

Prof. Fei Sun (SF) (Ext. 2443, E-mail: kefsun@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. The students are expected to be active participants during each class period.

## 7. **Schedule**

| <b>Date</b> | <b>Lecture</b> | <b>Instructor</b> |
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| Sept. 6 <sup>th</sup> | Brief introduction | TI |
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| Sept. 13 <sup>th</sup> | Student presentation (1-1) | TI |
| Sept. 20 <sup>th</sup> | Student presentation (1-2) | TI |
| Sept. 27 <sup>th</sup> | Student presentation (2-1) | PH |
| Oct. 4 <sup>th</sup>   | Student presentation (2-2) | PH |
| Oct. 11 <sup>th</sup>  | Student presentation (3-1) | BT |
| Oct. 18 <sup>th</sup>  | Student presentation (3-2) | BT |
| Oct. 25 <sup>th</sup>  | Student presentation (4-1) | MZ |
| Nov. 1 <sup>st</sup>   | Student presentation (4-2) | MZ |
| Nov. 8 <sup>th</sup>   | Student presentation (5-1) | SF |
| Nov. 15 <sup>th</sup>  | Student presentation (5-2) | SF |
| Nov. 22 <sup>nd</sup>  | Student presentation (6-1) | GZ |
| Nov. 29 <sup>th</sup>  | Student presentation (6-2) | GZ |

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