

## 10410LSMM514400 粒線體專題一 (Special Topics on Mitochondria I)

Time: Friday, 3:30 pm ~ 5:20 pm, Classroom: LS-II-213

Instructor: Mou-Chieh Kao (高茂傑) [mckao@life.nthu.edu.tw](mailto:mckao@life.nthu.edu.tw) LS-I 307, ext. 42472

Office hours: By appointment only

Course description:

### 一、課程說明 (Course Description)

This is an advanced level, paper discussion based course. It is designed for graduate students who are interested in studying mitochondrial related topics. The course aims to provide students with the advanced knowledge of genetics and pathophysiology of mitochondria. The up-to-date research topics and literature in this field will also be covered. Students who have knowledge of cell biology, molecular biology and genetics are preferred.

### 二、指定用書 (Text Books)

The assigned readings will include the latest literature and prepared handouts. These references will be announced or given one week before the class.

### 三、參考書籍 (References)

The assigned readings will include the latest literature and prepared handouts. These references will be announced or given one week before the class.

### 四、教學方式 (Teaching Method)

This course will focus on advanced topics on mitochondrial studies using journal discussion format. The students are arranged to present a paper on selected topics.

### 五、教學進度 (Syllabus)

According to the arranged schedule on selected topics (to be announced).

### 六、成績考核(Evaluation)

Your grade will be evaluated on the basis of your involvement in discussion and participation in the class (50%), and your presentation (50%).