

## Molecular Genetics-Genetic Engineering Adv Seminar II (MBMG 506)

Semester 2 Academic year 2017

May 23 (Wed) & 25 (Fri), 2018; 10:00 – 12:00. A107 (1 credit)

**Objectives:** This course is designed to:

1. teach skills which will help students learn how to give a scientific presentation that is related to their thesis research.
2. encourage the students to become familiar with current research in molecular genetics, genetic engineering and related disciplines.
3. teach students to be able to participate in scientific discussions and summarize the content of a seminar presentation.

### **Format:**

1. Students will present their thesis research for approximately 35-40 minutes and then answer questions from the floor for approximately 20 minutes.
2. Students should give the title of presentation with the signature of the advisors to Dr. Kusol Pootanakit, course coordinator, at least 3 weeks before the presentation date.
3. Students are required to **write an abstract (not more than 250 words)** and submit to Dr. Kusol Pootanakit 1 week before the presentation date.
4. After the presentation, every student will be asked question(s) related to the presentation.
5. Students who miss the deadline for each category will be subjected to a penalty.

### **Evaluation:**

#### *1. Presentation (80%):*

Seminar content and scientific merit (40%):

#### Introduction:

- Defines background and importance of research.
- States objective, and is able to identify relevant questions.

#### Body:

- Presenter has a scientifically valid argument.
- Addresses audience at an appropriate level (rigorous, but generally understandable to a scientifically-minded group).
- Offers evidence of proof/disproof.
- Describes methodology.
- The talk is logical.

#### Conclusion:

- Summarizes major points of talk.
- Summarizes potential weaknesses (if any) in findings.
- Provides you with a “take-home” message.

Presentation techniques, slide/transparency quality, ability to use English (15%):

- Graphs/figures are clear, understandable and not distracting.
- The text is readable and clear.
- Appropriate referencing of data
- Speaks clearly and at an understandable pace.
- Maintains eye contact with audience.
- Well rehearsed (either extemporaneous or scripted presentation).
- Speaker uses body language appropriately.
- Speaker is dressed appropriately.
- Speaker is within time limits.

Answering questions (25%):

- Speaker is able to answer questions.

2. *Performance throughout the course (20%)*

- Writing abstract for the presentation (5%)
- Participation actively in the class (15%):
  - asking relevant questions (minimum 5 questions) (15%),
  - punctuality, attending the class, completion of the anonymous peer-review form, etc.

Course coordinators: Asst. Prof. Kusol Pootanakit

(kusol.poo@mahidol.ac.th, ext. 1467)

**Title** \_\_ (Font Time New Roman, size 16, bold)\_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_ (Font Times, size 16 unbold)\_\_\_\_\_

Speaker: \_\_\_\_\_ (Font Times, size 16 unbold)\_\_\_\_\_

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**Abstract (Font Times, size 14, bold)**

Text-----Font Times, size 12 unbold, 1.5 line spacing

Only 1 page (about 250 words)

Content in abstract should include short background, purpose of the study, short experimental design (if necessary), results and short summary.

References (2-3 major references) can be included.

**Due date: A week before the presentation date.**

-----Tear this part and submit it 3 weeks before presentation date-----

**Title:** \_\_\_\_\_

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**Presentation date:** \_\_\_\_\_

**Presentation time:** \_\_\_\_\_

**Advisor signature:** \_\_\_\_\_