

MBMG622 Doctoral Research Seminar in Molecular Genetics and Genetic Engineering

Semester 1 Academic year 2019

(1 credit)

Objectives: The students will acquire sufficient knowledge and understanding of the principles and theories in the field of molecular genetics and genetic engineering to accurately describe and explain data obtained from the student's thesis work as well as research findings.

Format:

1. Students will present a seminar based on their thesis research including rationale and research questions; results obtained from the student's research as well as a comparative discussion with previously published studies.
2. The presentation will be given to an audience for approximately 30-40 minutes, followed by answering questions from the floor for approximately 15-20 minutes.
3. Students are required to **write an abstract (not more than 250 words)** and submit to the course coordinator 1 week before the presentation date.
4. Students who miss the deadline for each category will be subjected to a penalty.

Evaluation:

1. Presentation (55%):

Seminar content:

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.
- Offers evidence of proof/disproof.
- Describes methodology.
- The presentation is logically organized.

Conclusion:

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

Presentation techniques:

- slide quality, ability to use English
- Graphs/figures are clear, and understandable.
- The text is readable and clear.
- Appropriate referencing of data
- Speaks clearly and at an understandable pace.
- Well rehearsed.
- 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 - asking questions (minimum 5 questions) (15%),

- punctuality, attending the class, etc.

Course coordinator: Assoc. Prof. Albert Ketterman
(albertketterman@yahoo.com, ext. 1279)

Abstract Format

Title __ (Font Time New Roman, size 16, bold) _____

Date: _____ Time: ____ (Font Times, size 16 unbold) _____

Speaker: _____ (Font Times, size 16 unbold) _____

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.