

**Course Syllabus**  
MBMG 601  
Academic year 2019

**Course ID and Name:** MBMG601: Current Topics in Molecular Biology

**Course coordinator:** Asst. Prof. Dr.Duangrudee Tanramluk

**Instructors:**

- |               |                          |
|---------------|--------------------------|
| 1. Duncan     | Smith, Ph.D.             |
| 2. Chanan     | Angsuthanasombat, Ph.D.  |
| 3. Wipa       | Chungjatupornchai, Ph.D. |
| 4. Apinunt    | Udomkit, Ph.D.           |
| 5. Panadda    | Boonserm, Ph.D.          |
| 6. Sarin      | Chimnaronk, Ph.D.        |
| 7. Duangrudee | Tanramluk, Ph.D.         |
| 8. Chalongrat | Noree, Ph.D.             |
| 9. Poochit    | Nonejuie, Ph.D.          |

**Credits:** 1

**Curriculum:** Master of Science Program in Molecular Genetics and Genetic Engineering  
(required course)

Doctor of Philosophy Program in Molecular Genetics and Genetic  
Engineering (required course for students from B.Sc.)

**Semester offering:** First semester

**Pre-requisites:** None

**Expected learning outcomes:**

After finishing the course, students should be able to:

- 1) Demonstrate academic honesty and responsibility
- 2) Analyze scientific literature based on molecular biology principles and theories
- 3) Summarize scientific literature in an interactive manner

**Course schedule:**

Unless specified otherwise, the course is on every Wednesday between 9.30 –11.30 am, Room A401.

<b>Date</b>	<b>Lect. No.</b>	<b>Topic</b>	<b>Teaching Staff</b>
25 September 2019	1	Course Orientation (*9.00-9.30 am)	Duangrudee
25 September 2019	2	Research Ethics	Apinunt
2 October 2019	3	Paper Discussion & Presentation	Sarin
9 October 2019	4	Paper Discussion & Presentation	Poochit
16 October 2019	5	Paper Discussion & Presentation	Chalongrat
30 October 2019	6	Paper Discussion & Presentation	Chanan
6 November 2019	7	Paper Discussion & Presentation (*1.30 – 3.30 pm)	Panadda
13 November 2019	8	Paper Discussion & Presentation	Wipa
20 November 2019	9	Paper Discussion & Presentation	Duncan
27 November 2019	10	Paper Discussion & Presentation	Duangrudee

\* Unusual time

**Assessment Criteria:**

Student performance 90%

Attendance 10%

Student's achievement will be graded using symbols: A, B+, B, C+, C based on the distribution of students' scores from the whole course.

**Paper Criteria**

Published within 5 years (papers were not written by the instructor)

**Date revised:** 20 August 2019