

SISRS 601 (4828) Applied Cancer Biology and Immunology

(Code: 4828, 1st~2nd year, 1 unit)

(Course ID: GS-c4828-L)

1. Instructors

Name	Position	Department	Contact Information
Pradit Rushatamukayanunt	Chief instructor/ Lecturer Dr.	Division of Head Neck and Beast, Department of Surgery	Pradit.rus@mahidol.ac.th
Suebwong Chutapisith	Associate Professor Dr.	Division of Head Neck and Beast, Department of Surgery	suebwong.chu@mahidol.ac.th

2. Classroom/Lab

Division of Head Neck and Beast, Department of Surgery Faculty of Medicine Siriraj Hospital, Syamindra building, 13floor

3. Course Purpose and Outline

[Course Purpose]

Basic knowledge about cancer biology and immunology are important toward basic research as well as implement to clinical arena. Application of cancer biology and immunology toward clinical care will be educated

[Course Outline]

Background of cancer biology and immunology will be reviewed. Application toward nouveau treatment approaches will be discussed

4. Course Objectives

The student will be able to understand application of biology and immunology on the context of cancer treatment.

5. Format

The course includes lectures and seminars

6. Course Details

No	Date	Time	Topic/Details	Instructors
1	9 Feb 2021	10.00 – 13.00	Introduction to Cancer Immunology	Lecturer Dr. Pradit Rushatamukayanunt
2	23 Feb 2021	10.00 – 13.00	Cancer genetics and epigenetics	Lecturer Dr. Pradit Rushatamukayanunt
3	9 Mar 2021	10.00 – 13.00	Cellular Signaling and Carcinogenesis	Lecturer Dr. Pradit Rushatamukayanunt
4	23 Mar 2021	10.00 – 13.00	Cancer Phenotypes toward precision cancer therapy	Lecturer Dr. Pradit Rushatamukayanunt
5	30 Mar 2021	10.00 – 13.00	Cancer Immunotherapy	Lecturer Dr. Pradit Rushatamukayanunt
			Examination	

7. Assessment

Attendance (70%) and Presentation (20%)

8. Prerequisite Reading

None.

9. Reference Materials

None.

10. Important Course Requirements

None.

11. Language used

All classes are conducted in English.

12. Office Hours

Mon – Fri: 9:00 AM – 17:00 PM

Contact: Lecturer Dr. Pradit Rushatamukayanunt, Division of Head Neck and Beast,
Department of Surgery

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Please contact the instructors regarding questions or consultations.

13. Note(s) to Students

None.