

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Immunotherapy
Course number	PHPT5218
Faculty	
Department	
Course type	Major Needs
Course level	5
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - To understand the concept of immunotherapy
- 2 - To understand the techniques used in development of immunotherapy
- 3 - To identify the different categories of immunotherapy
- 4 - To introduce some of diseases with potential for immunotherapy
- 5 - To evaluate the modern immunotherapy and the future perspective of immune modulation

Course Contents

- 1 - Components of the immune system
- 2 - Cellular Immunotherapy
- 3 - NK cell immunotherapy
- 4 - T cell immunotherapy
- 5 - B cell immunotherapy
- 6 - Treg immunotherapy
- 7 - Immune checkpoint inhibitors
- 8 - Targeted immunotherapy
- 9 - Oncolytic virus therapy

Teaching and Learning Methods

- 1 - Lectures
- 2 - Articles
- 3 - Textbooks
- 4 - Presentations

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Midterm exam	60 min	30
Quizzes	60 min	30
Final exam	90 min	40

Books and References

Course note	Lectures
Essential books	2021 . Immunotherapy . Aung Naing, Joud Hajjar Cancer Immunotherapy Principles and Practice Textbook, 2nd Ed. Lisa H. Butterfield.