

## Module 15 : Oncology and Chemotherapy (3.4 ECTS/2 CSU)

<b>Oncology and Chemotherapy</b>	
Code/ Status	: MFK 643/Elective
Module level	: Master
Semester	: 2
Module Coordinators/ Lecturers	: Fita Rahmawati, Arief Nurrochmad, Retno Murwanti
Language	: Indonesian
The format/class hours per week during the semester	: Classroom Lecture, Case-based lecture, Small Group Discussion and Presentation; 2 hours/weekly and 14 weeks during the semester.
workload	: 100 minutes of in-class lectures, 120 minutes of structured activities, 120 minutes of weekly self-study
Credit points	: 3.4 ECTS/2 CSU
Requirements	: No
Learning goals/ Course Outcomes	: Able to master the principles of Evidence-based Medicine (EBM) and examine drug information sources to provide the latest scientific evidence based for cancer biology, introduction of chemotherapy drugs and molecular targeted therapy, chemotherapy and treatment selection, principles of cancer therapy and pharmacological actions anti-cancer drugs, comprehensive therapy and the role of pharmacists in oncology, Pharmacotherapy in Breast Cancer, Leukaemia, Lymphoma Hodgkin
Content	: This course deals with pathophysiology (cancer biology), pharmacological profiles, mechanisms of action and EBM chemotherapy and its regimens, skills and abilities to find and present updated evidence-based information about drugs for its application in cancer patients clinically.
Study/exam achievements	: A-E, 10% Assignment, 30% Midterm and 60% final exam
Forms of media	: Face to face instructions, Slides, Board, Internet
Literature	: 1.) DiPiro, J.T., Talbert, R.L., Yee, G.C., Matzke, G.R., Wells, A.G., Posey, L.M. (Eds), 2008, Pharmacotherapy a Pathophysiological Approach, 4rd ed, Appleton & Lange, Stamford 2.) Koda-Kimble, MA., and Young, LY, 2001, Applied Therapeutics : The Clinical Use of Drugs, Lippincott Williams and Wilkins, New York. 3.) Anonim, 2008, Informatorium Obat Nasional Indonesia (IONI), Dep Kesehatan RI, Jakarta 4.) Rang, H.P., Dale, M.M., and Ritter, J.M., 1999, Pharmacology, 4th Ed., 1-44, 94-156, Churchill Livingstone, Melbourne