

RATM 623 Drug Discovery and Development

Translational Medicine Program

Course Coordinator: Assoc. Prof. Pisit Khemawoot

Date	Time	Topic	Teaching & Learning Strategy	Lecturer	Place
10 Jan., 2022	13.00 – 15.00	Introduction to drug discovery and development	Lecture	Assoc. Prof. Pisit Khemawoot	2
17 Jan., 2022	13.00 – 15.00	Drug discovery: target selection and high-throughput screening	Lecture	Prof. Chatchai Muanprasat/ Assoc. Prof. Pisit Khemawoot	2
24 Jan., 2022	13.00 – 15.00	Independent study	Independent study	Assoc. Prof. Pisit Khemawoot	2
31 Jan., 2022	13.00 – 15.00	Drug discovery: medicinal chemistry, bioinformatics, optimization strategies	Group discussion	Assoc. Prof. Pisit Khemawoot	2
7 Feb., 2022	13.00 – 15.00	Drug development: general principles	Lecture	Assoc. Prof. Pisit Khemawoot	1
14 Feb., 2022	13.00 – 15.00	Pharmaceutical and formulation development	Lecture	Assoc. Prof. Pisit Khemawoot	814
21 Feb., 2022	13.00 – 15.00	Toxicity test and drug safety	Lecture	Assoc. Prof. Pisit Khemawoot	814
28 Feb., 2022	13.00 – 15.00	Animal models and translational research to human diseases	Lecture	Assoc. Prof. Nathawut Sibmooh/ Assoc. Prof. Pisit Khemawoot	814
7 Mar., 2022	13.00 – 15.00	Independent study	Independent study	Assoc. Prof. Pisit Khemawoot	814
14 Mar., 2022	13.00 – 15.00	Investigational new drug	Group discussion	Assoc. Prof. Pisit Khemawoot	814
21 Mar., 2022	13.00 – 15.00	Exam		Assoc. Prof. Pisit Khemawoot	2
28 Mar., 2022	13.00 – 15.00	Clinical development	Lecture	Assoc. Prof. Pisit Khemawoot	2
4 Apr., 2022	13.00 – 15.00	Pharmacovigilance	Lecture	Assoc. Prof. Pisit Khemawoot	2
11 Apr., 2022	13.00 – 15.00	Pharmacogenomics	Lecture	Assoc. Prof. Chonlaphat Suksasem/ Assoc. Prof. Pisit Khemawoot	2
18 Apr., 2022	13.00 – 15.00	Phytopharmaceutical product development	Lecture	Assoc. Prof. Pisit Khemawoot	2
25 Apr., 2022	13.00 – 15.00	New drug application	Lecture	Assoc. Prof. Pisit Khemawoot	2
2 May., 2022	13.00 – 15.00	Discussion and summary	Group discussion	Assoc. Prof. Pisit Khemawoot	1

Room 1 – F.3, Research Center

Room 2 – F.6, Lecture Hall Building

Room 814 - Nursing School Building