Course number	Name of the Course				Japanese Name
HE40231	Clinical Pharmacology (English)				臨床薬理学

Class	Unit	Module	Week	Time	Room
3rd	1	Spring C	Wednesday Thursday	3rd	Medical Science Innovation building 301

Instructors （Office・Tel・email・Office hour）

Norihiko Ohbayashi (Health and Medical Science Innovation Lab Building, Room 304; TEL: 3287)

Yuji Funakoshi (Health and Medical Science Innovation Lab Building, Room 304; TEL: 3115)

Objectives

● Learn mechanisms of action of drugs practically used in clinical medicine.

● Through the study of drug actions, you will learn various biological functions in the human body as well as side effects, deleterious effects and effectiveness of drugs.

● Understand pathophysiology of major disorders through the concepts of drug therapies.

Language: ☑ / □Japanese、 ☑English、 □Bilingual

	Date	Name of instructor	Lecture outline
1	7/4	Norihiko Ohbayashi	Introduction
2	7/5	Norihiko Ohbayashi	Bioactive substances and their receptors and signal transduction
3	7/11	Yuji Funakoshi	Pharmacology of the endocrine system
4	7/12	Yuji Funakoshi	Drug actions (pharmacodynamics) and pharmacokinetics
5	7/18	Norihiko Ohbayashi	Pharmacology of the autonomic nervous system
6	7/19	Norihiko Ohbayashi	Pharmacology of the central nervous system
7	7/25	Norihiko Ohbayashi	Pharmacology of the cardiovascular system
8	7/26	Norihiko Ohbayashi	Urogenital pharmacology
9	8/1	Yuji Funakoshi	Cytoskeleton and skeletal muscles
10	8/2	Yuji Funakoshi	Pharmacology of smooth muscles and heart muscles

Levels needed for credit	Attendance and exam (over C-grade)
Text and materials	Basic & Clinical Pharmacology (Katzung B.G.) and photocopies will also be distributed.
Grade evaluation	Attendance and end-of-term examination

Remarks :

We expect you to prepare for and review the lectures. These will help you to learn more effectively in the lectures.