

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)					
Yasunori Kanaho (Health and Medical Science Innovation Lab Building, Room 305; TEL: 3283) Norihiro Ohbayashi (Health and Medical Science Innovation Lab Building, Room 304; TEL: 3287) Tadayoshi Hayata (Innovative Medical Research Institute 404-1; TEL: 81761) Yuji Funakoshi (Health and Medical Science Innovation Lab Building, Room 304; TEL: 3115)					
Objectives					
<ul style="list-style-type: none"> ● 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: <input checked="" type="checkbox"/> / <input type="checkbox"/> Japanese、 <input checked="" type="checkbox"/> English、 <input type="checkbox"/> Bilingual					
	Date	Name of instructor	Lecture outline		
1	7/5	Yasunori Kanaho	Introduction		
2	7/6	Yasunori Kanaho	Bioactive substances and their receptors and signal transduction		
3	7/12	Yuji Funakoshi	Pharmacology of the endocrine system		
4	7/13	Yuji Funakoshi	Drug actions (pharmacodynamics) and pharmacokinetics		
5	7/19	Tadayoshi Hayata	Pharmacology of the autonomic nervous system		
6	7/20	Tadayoshi Hayata	Pharmacology of the central nervous system		
7	7/26	Norihiro Ohbayashi	Pharmacology of the cardiovascular system		
8	7/27	Norihiro Ohbayashi	Urogenital pharmacology		
9	8/2	Yuji Funakoshi	Cytoskeleton and skeletal muscles		
10	8/3	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.					