

<<Last Updated:2023/12/27>>

Course Schedule Information

Course Code	271286
Semester	Spring Term
Day and Period	Mon5
Course Name (Japanese)	Current Topics 2
Room	Lecture Room B
Course Name	Current Topics 2
Capacity	999
Course Numbering Code	27ADPS6T147
Credits	1.0
Student Year	1,2
Instructor	NAKAGAWA Shinsaku,TSUTSUMI Yasuo,HASHIMOTO Hitoshi,KONDO Masuo,HIGASHISAKA Kazuma,KASAI Atsushi,HINO Nobumasa
Course of Media Class	Not Applicable

※About Course of Media Class
 "Course of Media Class" are classes in which more than half of the classes are held in places other than classrooms by making advanced use of various media.
 Undergraduate students can include up to 60 credits in media class course as requirements for graduation.
 Even if this is not the case, we may hold classes using the media.

Basic Syllabus Information

Other	
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Detailed Syllabus Information

Course Subtitle	Action(effects) and dynamics/kinetics	
Language of the Course	English	
Type of Class	Lecture Subject	
Course Objective	The effects (or side effects in some cases) of drug therapy are manifested by the drugs being absorbed into the body, distributed to various organs and tissues, and modifying the functions of the body. Drugs that enter the body are eliminated from the body through metabolism and excretion. In drug therapy, it is important to understand the relationship between drug usage/dose and changes in drug concentration in vivo, as well as the relationship between exposure to drugs in vivo and expected actions and side effects. In this lecture, we will study the latest research contents as examples for the purpose of deepening these understandings.	
Learning Goals	By understanding the latest research results in biopharmaceutics, pharmacology, and toxicology, students can refer to their future research activities.	
Requirement / Prerequisite	Students who have passed the graduate school entrance examination.	
Class Plan	1st	<div>2023/4/17 Period:4 Title:Harmonization of epithelium-targeted drug development and regulation for clinical application (1)</div> <div>Regulation for clinical application is reviewed.</div> <div>Instructor : Masuo KONDOH</div> <div>Room :</div>
	2nd	<div>2023/4/24 Period:5 Title:Current topics of research on neuroscience</div> <div>Research on neuroscience is reviewed.</div>

		Instructor : Atsushi KASAI
		Room :
	3rd	2023/5/8 Period:5 Title:Current topics of cytokine therapy
		Cytokine therapy is reviewed.
		Instructor : Yasuo TSUTSUMI
		Room :
	4th	2023/5/15 Period:5 Title:Current topics of NanoToxicology (NanoTox)
		NanoToxicology (NanoTox) is reviewed.
		Instructor : Kazuma HIGASHISAKA
		Room :
	5th	2023/5/22 Period:5 Title:From Stem Cells to Biomimetic Vehicles: Biological Strategies for DDS
		Stem cells as biological carriers for targeting drug delivery, as well as biomimetic vehicles derived from them, are reviewed.
		Instructor : Shinsaku NAKAGAWA
		Room :
	6th	2023/5/29 Period:5 Title:Protein engineering and pharmaceutical applications
		Protein engineering and pharmaceutical applications are reviewed.
		Instructor : Nobumasa HINO
		Room :
	7th	2023/6/5 Period:5 Title:Current topics of research on brain disorders
		Research on brain disorders is reviewed.
Instructor : Hitoshi HASHIMOTO		
Room :		
8th	2023/6/12 Period:5 Title:Harmonization of epithelium-targeted drug development and regulation for clinical application (2)	
	Regulation for clinical application is reviewed.	
	Instructor : Masuo KONDOH	
	Room :	
Independent Study Outside of Class		
Textbooks	Latest papers and topics	
Reference		
Grading Policy	Submission of reports according to lecture content and class participation will be evaluated. Evaluation items: Report of lecture content : 85 points Attitude toward the class: 15 points Total 100 points will be used for evaluation.	
Attendance and Student Conduct Policy*		
Other Remarks		
Special Note		
Office Hour	Shinsaku NAKAGAWA <Tuesday, 13:00 - 14:00> Yasuo TSUTSUMI <Tuesday, 13:00 - 14:00> Kazuma HIGASHISAKA <Friday, 10:00 - 16:00> Masuo KONDOH <Monday, 12:00 - 13:00> Nobumasa HINO <Monday, 14:00-16:00> Hitoshi HASHIMOTO <Monday, 12:00-13:00> Atsushi KASAI <Monday, 12:00-13:00>	
Keywords		

Messages to Prospective Students	
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Instructor(s)

Instructor Name	Extension
Hitoshi HASHIMOTO	8180
Atsushi KASAI	8183
Yasuo TSUTSUMI	8230
Kazuma HIGASHISAKA	8231
Shinsaku NAKAGAWA	8175
Nobumasa HINO	8176
Masuo KONDOH	8195

Cautions for Students