

2025 Akita University Faculty of Medicine Syllabus

Category : 基礎医学アドバンストコース
Course Title : Basic Pharmacokinetics and Pharmacodynamics with membrane traffic
Eligible Students : grade 2 Elective Course
Code : 71564010
Schedule : week 30 ~ week 30
Credits : 1

1. Lead Instructor

Kota Saito (Professor, Biological Informatics and Experimental Therapeutics, 6065)

2. Instructors

Kota Saito (Professor, Biological Informatics and Experimental Therapeutics, 6065)

Miharu Maeda (Assistant Professor, Biological Informatics and Experimental Therapeutics, 6067)

Masashi Arakawa (Assistant Professor, Biological Informatics and Experimental Therapeutics, 6067)

3. Course Description Outline(Course Objectives)

Gather information on newly approved drugs and discuss their pharmacological actions, side effects, and indications (1-1 1-2, 2-1 2-8, 3-1 3-7, 4-1 4-8, 5-1 5-5, 6-1 6-2).

4. Textbook/Reference Books

5. Assessment

Attendance, Attitude, Reports

6. Out of Class Study/Message

You should read and understand the given research papers by the end of the course.

Number of students to be accepted: About 20

Topics and Contents of class, Course Objectives						
	Class Date	Period	Class Format	Topics and Contents of class, Course Objectives	Instructors	Class Room
1	11 / 25 (Tue)	1-4	Lecture	Theme: Introduction	Kota Saito	基礎棟第一会議室
2	11 / 25 (Tue)	5-10	Lecture	Theme: Development and Approval of New Drugs Lecture on the development and approval of new drugs.	Kota Saito Miharu Maeda Masashi Arakawa	基礎棟第一会議室
3	11 / 26 (Wed)	1-4	Lecture	Theme: Commentary on Papers on Clinical Trials This lecture will explain about papers on clinical trials.	Kota Saito Miharu Maeda Masashi Arakawa	基礎棟第一会議室
4	11 / 26 (Wed)	5-10	Lecture	Theme: Explanation of slide presentation To explain the details of slide presentation on new drugs in an active learning format.	Kota Saito Miharu Maeda Masashi Arakawa	基礎棟第一会議室
5	11 / 27 (Thu)	1-6		Theme: Slide Preparation Students will give slide presentations.	Kota Saito Miharu Maeda Masashi Arakawa	基礎棟第一会議室
6	11 / 27 (Thu)	7-10		Theme: Quiz A quiz on the content of the slide presentation will be given, followed by an explanation.	Kota Saito Miharu Maeda Masashi Arakawa	基礎棟第一会議室
7	11 / 28 (Fri)	1-6		Theme: Slide Preparation Students will give slide presentations.	Kota Saito Miharu Maeda Masashi Arakawa	基礎棟第一会議室
8	11 / 28 (Fri)	7-10		Theme: Quiz A quiz on the content of the slide presentation will be given, followed by an explanation.	Kota Saito Miharu Maeda Masashi Arakawa	基礎棟第一会議室