

Category (科目区分)	Cluster of Biofunctional Systems		
Course Title (授業科目名)	Pharmaceutical science		
Instructors (担当者名)	Masatomo Miura	Academic Year (配当年次)	1, 2
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	1
Class Format (授業形態)	Lecture, Experimental practice		
Schedule (開講期間)	January, 2026		
Class Date/Period (開講曜日・時間)	January 3rd and 4th week, 18:00-21:00		
Course Outline/ Course Objectives (授業の概要・到達目標)			
Course Outline: Learn about personalized pharmacotherapy. Course Objectives: Understand a prediction of pharmaceutical effects, quantitative methods of drugs, and a analytical methods of genetic polymorphisms by studying lecture and training.			
Course Planning (授業計画)			
	Course Outline/ Course Objectives (授業の概要及び到達目標) (Contents of Class) (授業内容)	Instructor (担当教員名)	Department (講座名) Class Room [実施場所]
1	Clinical Pharmacology and Therapeutics (Pharmacokinetics)	Masatomo Miura Yumiko Akamine	Department of Pharmacokinetics [Web]
2	Clinical Pharmacology and Therapeutics (Pharmacogenomics)		
3	Clinical Pharmacology and Therapeutics (Analytical methods)		
4	Clinical Pharmacology and Therapeutics (Genotyping)		
5	Experimental practice		Department of Pharmacokinetics [Laboratory]
6	Experimental practice		
7	Experimental practice		
8	Experimental practice		
9	Experimental practice		
10	Experimental practice		
Grading Criteria (成績評価の基準と方法)			
An attendance state			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name : Masatomo Miura / E-mail: m-miura@hos.akita-u.ac.jp			
Comment (その他特記事項)			
Information about the course: If you are a working graduate student and cannot attend the practical training due to work or other reasons, we will adjust the schedule. Out of class study: Preparatory study is recommended contents according to “ course objectives ” and “ contents of class ”.			