

Category (科目区分)	Cluster Common Basic Subjects		
Course Title (授業科目名)	Basic medical techniques training "Protein Interaction Analysis"		
Instructors (担当者名)	Kota Saito	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)	experimental practice		
Schedule (開講期間)	Students will be notified by email after completing the course registration.		
Class Date/Period (開講曜日・時間)	Students will be notified by email after completing the course registration.		
Course Outline/ Course Objectives (授業の概要・到達目標)			
<p>"The purpose of the class: To understand the important enzymological concepts in pharmacology through practical training. Objectives: To understand the concept of enzymology in pharmacology through practical training.</p>			
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	Understand the significance of this practical training.	Kota Saito	"Department of Biological Informatics and Experimental Therapeutics, [laboratory]
2	To practice transformation and induction of expression in E. coli.	Kota Saito	
3	To practice protein purification from E. coli.	Miharu Maeda	
4	To understand the quantitative analysis of purified protein.	Kota Saito	
5	To practice protein interaction experiments.	Miharu Maeda	
6	Interpret the results of protein interaction experiments	Kota Saito	
7	summarize this exercise.□	Kota Saito	
Grading Criteria (成績評価の基準と方法)			
The evaluation will be based on the attendance and the submitted reports.			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Kota Saito / E-mail: ksaito@med.akita-u.ac.jp			
Comment (その他特記事項)			
<p>Information about the course: If you are a working graduate student and cannot attend the practical training due to work, we will adjust the schedule. Textbooks and reference materials: Materials will be distributed as necessary. Content of study during self-study time: It is desirable to conduct preparatory study according to the objectives and class content.</p>			