

Category (科目区分)	Specialized subjects / Basic Medical System		
Course Title (授業科目名)	Immunology		
Instructors (担当者名)	Satoshi ISHII	Academic Year (配当年次)	1,2
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	2
Class Format (授業形態)	Lecture		
Schedule (開講期間)	Early to mid-December 2022		
Class Date/Period (開講曜日・時間)	Intensive course 5 full days		
Course Outline/ Course Objectives (授業の概要・到達目標) Course Objectives: Adequately describe the basic knowledge of immune response mechanisms in the body.			
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	Gain molecular biological knowledge necessary to understand immune responses, including the functions of cytokines and lipids.	Professor: Satoshi ISHII	Immunology [Research Building for Basic Medicine 2F]
2	Learn about immune disease mouse models and analysis techniques.	Professor: Satoshi ISHII	Immunology [Research Building for Basic Medicine 2F]
3	Understand the latest research results, focusing on the immune function of lipids.	Professor: Satoshi ISHII	Immunology [Research Building for Basic Medicine 2F]
4	Develop reading comprehension skills by reading English papers on immunology.	Professor: Satoshi ISHII	Immunology [Research Building for Basic Medicine 2F]
Grading Criteria (成績評価の基準と方法)			
Reports, attendance and attitude			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Satoshi ISHII / E-mail: satishii@med.akita-u.ac.jp			
Comment (その他特記事項)			
Information on enrollment: This is an intensive five-day, all-day course in early to mid-December. Textbooks and reference materials: Textbooks and reference papers will be suggested, if needed. Content of study during self-study time: Students are expected to prepare for this course by reading the relevant protocols.			