

Category (科目区分)	Cluster of Pathology and Pathology System		
Course Title (授業科目名)	Pulmonary Disease and Experimental Practice		
Instructors (担当者名)	Akiteru Goto	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)	Apr. 2023 to Sep. 2023 (details of the schedule to be discussed)		
Class Date/Period (開講曜日・時間)	Every Wednesday from 18:00 to 21:30 (details of the schedule to be discussed)		
Course Outline/ Course Objectives (授業の概要・到達目標)			
Course Objectives: The purpose of this course is to provide an understanding of the gross and histological			
Course Goals: The goals of this course are for students to be able to understand and describe the gross			
and histological pathological findings of typical lung diseases.			
Course Outline:			
1. The gross and histological structure of the normal lung will be explained based on actual pathological			
specimens.			
2, 3, 4. Pathological findings of lung cancer will be explained based on actual pathological specimens.			
5. Pathological findings of idiopathic interstitial pneumonia will be explained based on actual pathological			
specimens.			
6. Pathological findings of pulmonary circulatory disorders (pulmonary thromboembolism, pulmonary			
hypertension) will be explained based on actual pathological specimens.			
7, 8. Pathological findings of chronic obstructive pulmonary disease will be explained based on actual			
pathological specimens.			
9. Pathological findings of lung diseases in children will be explained based on actual pathological			
specimens.			
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	Gross and histological structure of the lung	Akiteru Goto	Department of Cellular and Organ Pathology [Dept. research office]
2	Lung cancer 1		
3	Lung cancer 2		
4	Lung cancer 3		
5	Idiopathic interstitial pneumonia		
6	Pulmonary circulatory disorders		
7	Chronic obstructive pulmonary disease 1		
8	Chronic obstructive pulmonary disease 2		
9	Pediatric lung diseases		
10	Summary		
Grading Criteria (成績評価の基準と方法)			
This course consists of 30 hours of practice in the laboratory and 15 hours of self-study, for a total of 45			
hours. Evaluation is based on attendance, results of oral examinations, and the content of submitted			
reports.			
Participation in the CPC of pathological anatomical cases of respiratory diseases (Thursday, 17:30, as			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Akiteru Goto / E-mail: akigoto@med.akita-u.ac.jp			
Coment (その他特記事項)			
Information on enrollment: If you are a working graduate student and cannot attend the practice due to			
work or other reasons, we will adjust the schedule.			
Textbooks and reference materials: The Histopathology Map and Guide (Ed. by Masashi Fukayama,			
Bunkodo)			
Content of study during self-study time: It is desirable to conduct preparatory study according to the			
course objectives and lecture contents.			