

Category (科目区分)	Research subject		
Course Title (授業科目名)	Cellular and Organ Pathology		
Instructors (担当者名)	Akiteru Goto	Academic Year (配当年次)	2,3
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	15
Class Format (授業形態)	experimental practice		
Schedule (開講期間)	Students will be notified by email after completing course registration.		
Class Date/Period (開講曜日・時間)	Students will be notified by email after completing course registration.		
Course Outline/ Course Objectives (授業の概要・到達目標)			
Course Objectives: In this course, students will conduct research in human pathology, present at conferences, and publish papers in English.			
Course Goals: Students are expected to publish their thesis on human pathology in academic journals and pass the degree examination to obtain the degree.			
Course Outline: The pathology and etiology of various diseases, mainly respiratory and cardiovascular diseases, will be explored using pathological methods. Human materials, such as pathological autopsy cases and surgical cases, will be used as research objects. Pathological methods include a wide range of methods, from optical and electron microscopic observations to various molecular pathological methods, including immunohistochemistry, and statistical analysis, including clinicopathological factors. To carry out such research appropriately and efficiently, we provide research guidance and take responsibility for the preparation of the thesis. In the course of study, we provide various forms of guidance and support for students to set their own themes according to their interests and to become independent researchers in the future.			
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: Rosai and Ackerman's Surgical Pathology (Elsevier) Content of study during self-study time: It is desirable to conduct preparatory study according to the course objectives and lecture contents.			