

Category (科目区分)	Research subject		
Course Title (授業科目名)	Cell biology		
Instructors (担当者名)	Yasukazu Hozumi	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)	Lecture, 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>Course Objectives: The purpose is to learn the technical knowledge and skills related to experiments, presentations at academic conferences, and dissertation writing necessary for advancing research.</p> <p>Achievement goal of class: After publishing the prepared paper in an academic journal, the goal is to obtain a degree after undergoing a degree examination.</p> <p>Course Description Outline: Lectures will be given on how to detect the expression and localization of molecules in tissues using specific antibodies. In addition, we will clarify the molecular basis that governs tissue construction and deepen our understanding of various pathological conditions caused by abnormal tissue morphology. We will tackle the following research topics by making full use of multifaceted methods including immunohistochemical staining, molecular genetics, imaging, and mathematical models.</p> <ol style="list-style-type: none"> 1. Research on intracellular localization of molecules using immunohistochemical staining. 2. Research on construction of tissues and organs. 3. Research on hepatic stellate cells. 			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Yasukazu Hozumi/ E-mail: yahodumi@med.akita-u.ac.jp			
Comment (その他特記事項)			
<p>Information about the course: If a graduate student who is a member of society can't attend the practice due to work, we will adjust the schedule.</p> <p>Textbook/Reference Books: Notify the target person in advance.</p> <p>Out of Class Study/Message: Preparation and review in accordance with the achievement goal, topics, and contents of class are essential.</p>			