

Category (科目区分)	Research subject		
Course Title (授業科目名)	Molecular and Tumor Pathology		
Instructors (担当者名)	Yasufumi Omori	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)	All through the year		
Class Date/Period (開講曜日・時間)	Informed individually by E-mail after registration		
Course Outline/ Course Objectives (授業の概要・到達目標)			
<p>Aims: Learning the histopathological and molecular pathological methods to elucidate pathogenesis of various diseases, notably focused on the mechanisms of cell injury, tissue injury and its regeneration, and cellular transformation to cancer.</p> <p>Objectives: To obtain the Ph.D. degree by passing a doctoral dissertation defense after publishing a thesis in an international scientific journal.</p> <p>Outlines:</p> <ol style="list-style-type: none"> 1. Through regularly-scheduled journal clubs and reserach meetings, postgraduate students acquire updated knowledge on their own research themeare and are instructed about the way to make a working hypothesis and to verify it. 2. Postgraduate students are instructed about cell culture, animal manipulation, and analysis of experimental data. 3. Postgraduate students are instructed about oral or poster presentation techniques and thesis writing. 			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Yasufumi Omori / E-mail: yasu@med.akita-u.ac.jp			
Comment (その他特記事項)			
<p>Remarks: Working students, due to their duties, may not be allowed to be present at our scheduled session. We will thus be pleased to arrange a schedule flexibly in their favor.</p> <p>Textbooks and reference literatures: When necessary, our handouts will be provided. Helpful reference literatures will be suggested.</p> <p>Subjects for self-learning: Students are expected to prepare for each session according to the course outline and objectives.</p>			