

Category (科目区分)	Cluster common basic subjects		
Course Title (授業科目名)	Basic medical technology training "learning photo-inducible chemical experiments"		
Instructors (担当者名)	Tomohiro Numata	Academic Year (配当年次)	1
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	1
Class Format (授業形態)	Lecture		
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)	Every Monday from 18:00 to 21:30 (schedule details on request)		
Course Outline/ Course Objectives (授業の概要・到達目標)			
<p>Purpose of the class: The goal of the course is to experience photo-inducible chemical experiments and understand biomedical engineering technology.</p> <p>Achievement goal of class: The purpose is to experience photo-inducible chemical experiments and learn and practice cell excitement and its physiological response technology.</p> <p>Class outline:</p> <ol style="list-style-type: none"> 1. Learn about photoinducible compounds. 2. Localize photo-inducible chemicals by drug delivery technology. 3. Functionally assess cell excitement. 4. Evaluate physiological responses such as endocrine and neural excitement induced by cell excitement. 			
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	Experiments to adjust experimental conditions for photoinduced compounds	Tomohiro Numata	Department of Integrative Physiology [Reserch Building for Basic Medicine, 5th floor Seminar Room]
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Grading Criteria (成績評価の基準と方法)			
<p>Thirty hours of practical training and 15 hours of self-study in the seminar room, a total of 45 hours, will be used for one unit.</p> <p>Grades will be considered by attendance, examination results, and reports.</p>			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name: Prof. Tomohiro Numata / E-mail: numata@med.akita-u.ac.jp			
Coment (その他特記事項)			
<p>Information about courses: If you cannot attend the training due to work, such as working graduate students, we will adjust the schedule, including remote lectures and discussions.</p> <p>We accept participation not only from the medical field but also from a wide range of fields.</p> <p>Textbooks / References: Textbooks / References: "Standard Physiology" Igaku-Shoin</p>			