Category （科目区分）	Research subject		
Course Title （授業科目名）	Cell Physiology		
Instructors （担当者名）	Yosuke Okamoto	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 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）

Purpose of class: The purpose of the class is to learn the technical knowledge and skills related to presentations at academic conferences, and writing of papers, which are necessary for advancing research.

Achievement goal of class: After publishing the prepared treatise in an academic journal, the goal is to obtain a bachelor's degree after undergoing a bachelor's degree examination.

Class outline:
 1. Learn how to formulate and prove working hypotheses in carrying out research.
 2. Learn the latest findings through laboratory seminars and literature abstracts.
 3. Learn the actual experimental techniques necessary for their own research.
 4. Learn how to analyze the obtained experimental data and teach how to put them together in an academic treatise.
 5. Learn techniques for presenting research results in an easy-to-understand manner at academic societies and study groups.
 6. Acquire a presentation in English.

Contact Information （問い合わせ先(氏名, メールアドレス等)）

Name： Yosuke Okamoto   / E-mail： okamoto@med.akita-u.ac.jp

Coment （その他特記事項）

Information on courses: If you are a graduate student of a working adult and cannot attend the training due to work, etc., we will adjust the schedule.
Textbooks / References: Distribute materials as needed. Alternatively, specify the document.
Self-study content during self-study time: It is desirable to carry out preparatory learning according to the goals and lesson content.