

<b>Category</b> (科目区分)	Cluster Common Basic Subjects		
<b>Course Title</b> (授業科目名)	Latest Medical Research		
<b>Instructors</b> (担当者名)	Academic Affairs Chair	<b>Academic Year</b> (配当年次)	1
<b>Required Course / Elective Course</b> (必修/選択)	Required Course	<b>Credits</b> (単位数)	2
<b>Class Format</b> (授業形態)	WebClass (on demand)		
<b>Schedule</b> (開講期間)	From around late April 2024 to December 31, 2024		
<b>Class Date/Period</b> (開講曜日・時間)	—		
<b>Course Outline/ Course Objectives</b> (授業の概要・到達目標)			
The latest research will be introduced in an omnibus format, and the scientific thinking methods and The objective is to understand the research methodology.			
<b>Course Planning</b> (授業計画)			
	<b>Course Outline/ Course Objectives</b> (授業の概要及び到達目標) (Contents of Class) (授業内容)	<b>Instructor</b> (担当教員名)	<b>Department</b> (講座名)
1	Drug discovery focusing on ion transporter regulation	Hideaki Tagashira	Department of Integrative Physiology
2	Therapeutic drug monitoring in oncology	Masatomo Miura	Department of Pharmacokinetics
3	がん幹細胞自己複製を支える“ストレスなきストレス応答”	Yasufumi Omori	Department of Molecular Pathology and Tumor
4	Lung cancer in never-smokers; its molecular pathological characteristics.	Akiteru Goto	Department of Cellular and Organ Pathology
5	Innate lymphoid cells in disease	Takashi Ebihara	Department of Medical Biology
6	Recent G protein-coupled receptor research and new functions of bioactive lipids	Daisuke Yasuda	Department of Immunology
7	Molecular Pathophysiology in Inflammatory bowel disease	Yosuke Shimodaira	Department of Gastroenterological and
8	Practicing Precision Psychiatry with Biological Sensing Technology	Kazuo Mishima	Department of Neuropsychiatry
9	Recent Advances in genetic skin diseases	Michihiro Kono	Department of dermatology and plastic
10	The current fashion of clinical research in surgery	Junichi Arita	Department of Gastroenterological Surgery
11	Development of personalized medical technology aiming for zero-surgical complications	Kazuhiro Imai	Department of Thoracic Surgery
12	Up to date for treatment of acute aortic dissection	Takayuki Kadohama	Department of Cardiovascular Surgery
13	Clinical practice and research in malignant brain tumors	Takahiro Ono	Department of Neurosurgery
14	腸管機能不全の研究と臨床	Mayako Morii	Department of Pediatric Surgery
15	Fertility preservation in cancer patients	Yukihiro Terada	Department of Obstetrics and Gynecology
16	pen-pineapple-apple-pen	Yukitoshi Niyama	Department of Anesthesia and Intensive Care Medicine

**Grading Criteria (成績評価の基準と方法)**

Grading will be based on the content of the submitted reports.

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

Name: Academic Affairs Chair / E-mail: [gakumu-in@jimu.akita-u.ac.jp](mailto:gakumu-in@jimu.akita-u.ac.jp)

**Coment (その他特記事項)**

Information about the course of study : Please watch the lectures by yourself via Web Class. Viewing period: Late April to December 31

Textbooks and references: None in particular

Study content during self-study time: It is advisable to conduct preparatory study according to the achievement objectives and class content.