

Category (科目区分)	Cluster Common Basic Subjects		
Course Title (授業科目名)	Latest Medical Research		
Instructors (担当者名)	Academic Affairs Chair	Academic Year (配当年次)	1
Required Course / Elective Course (必修/選択)	Required Course	Credits (単位数)	2
Class Format (授業形態)	WebClass(on demand)		
Schedule (開講期間)	From around late April 2026 to December 31, 2026		
Class Date/Period (開講曜日・時間)	—		
Course Outline/ Course Objectives (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.			
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)
1	Molecular pathology of neurodegenerative disease and neurological autoimmune disease	Yoshio Bando	Department of Anatomy
2	State-of-art neurophysiological research	Takafumi Miki	Department of Cell Physiology
3	Latest research on lifestyle-related diseases and cancer	Yoshihiro Matsumura Yukio Koizumi Jianbo An	Department of Biochemistry and Metabolic Science
4	Epigenetic Regulation of Brown Fat Genes: Implications for Obesity and Metabolism	Hironori Waki	Department of Metabolism and Endocrinology
5	放射線医学とAIの導入	Naoko Mori	Department of Radiology
6	Glaucoma imaging diagnosis	Takeshi Iwase	Department of Ophthalmology
7	Acute blood purification in critical care medicine — Removal of albumin binding toxins —	Hajime Nakae	Department of Emergency and Critical Care Medicine
8	A new era of cancer treatment: Precision medicine and personalized medicine	Hiroyuki Shibata	Department of Clinical Oncology
9	Histological studies on bone and mineral metabolism to solve clinical problems from an orthopedic perspective	Naohisa Miyakoshi	Department of Orthopedic Surgery
10	耳鼻咽喉科頭頸部外科の研究と臨床	Takechiyo Yamada	Department of Otorhinolaryngology –Head and Neck Surgery
11	Pathogenesis and therapeutic targets of eosinophil-associated airway diseases	Masahide Takeda	Department of Respiratory Medicine
12	細胞内オルガネラと疾患	Kota Saito Masashi Arakawa	Department of Pharmacology
13	Newborn screening for immunodeficiency disease	Michihiro Yano	Department of Pediatrics
14	法医学研究の最新トピックス	Akira Hayakawa	Department of Forensic Sciences
15	Research methodologies in Medical Education Research	Sayaka Oikawa	Department of Innovative and Digitalized Medical Education
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			
Comment (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.			