

Year	2015Year	Faculty/Graduate School	Faculty of Medicine School of Medicine		
Lecture Code	I1640001	Subject	Specialized Education		
Subject Name	医学研究序論				
Subject Name (Katakana)	イガクケンキュウジョロン				
Subject Name in English	Introduction for medical research				
Instructor	IMAIZUMI KAZUNORI				
Instructor (Katakana)	イマイズミ カズノリ				
Instructor's Office	Kasumi Integrated Research Bldg. Room 609			Extension Number	5130
E-mail Address	imaizumi@hiroshima-u.ac.jp				
Campus	Kasumi	Semester	1Year First Semester		
Day and Period	Wednesday Period 1,Period 2	Classroom Number	医第5講義室		
Lesson Style	Lecture	Lesson Style (More Details)	Lecture centered, extensive use of PowerPoint slides (omnibus style)		
Credits	2	Class Hours/Week	2	Language of Instruction	J : Japanese
Eligible Students	1st year students in the School of Medicine				
Course Level	1 : Undergraduate Introductory				
Course Area(Area)	15 : Biomedical and Health Sciences				
Course Area(Discipline)	01 : Medical Sciences				
Keywords	medical research, roles of medicine and health care, attitudes expected of medical students				
Special Subject for Teacher Education		Special Subject			
Class Status within Educational Program	In the course of receiving your education to become a doctor, you must learn the importance and necessity of medical research in the development of medicine and health care.				
Criterion referenced Evaluation					
Class Objectives/Class Outline	Learn the purposes, methods, result analysis, and usefulness of medical research.				
Class Schedule	<p>Lesson 1: Introduction (IMAIZUMI KAZUNORI)</p> <p>Lesson 2: Let's try basic medical research (SAKAI NORIO)</p> <p>Lesson 3: Consider medical research that fits your personality (YOSHIZUMI MASAO)</p> <p>Lesson 4: Progress of research for increasing number of patients with metabolic syndrome (ASANO TOMOICHIRO)</p> <p>Lesson 5: Postnatal development of neural circuits (HASHIMOTO KOUICHI)</p> <p>Lesson 6: The path to becoming a scientific researcher, the path along which a researcher travels (AOYAMA HIROHIKO)</p> <p>Lesson 7: Virus research towards prevention and therapy of viral diseases (SAKAGUCHI TAKEMASA)</p> <p>Lesson 8: From basic to clinical research in immunology, and immunology that overturns long-held beliefs (KANNO MASAMOTO)</p> <p>Lesson 9: What was the Tokyo Subway Sarin Gas Attack? (NAGAO MASATAKA)</p> <p>Lesson 10: Epidemiology as a practical science—Measures against hepatitis and liver cancer in Japan (TANAKA JUNKO)</p> <p>Lesson 11: From research on chromosomes to research on cell nuclei (TASHIRO SATOSHI)</p> <p>Lesson 12: Finding new targets for diagnosis and therapy of cancer from a pathological perspective (YASUI WATARU)</p> <p>Lesson 13: Significance of pathological diagnosis and pathological research in medical care—Let's look into the world of pathology (TAKESHIMA YUKIO)</p> <p>Lesson 14: Genetically modified mouse: Aiming to clarify disease pathogenesis and identify potential therapeutic targets (HONDA HIROAKI)</p> <p>Lesson 15: Health maintenance and system design—Social system/social environment and human rights for health—(EBOSHIDA AKIRA)</p> <p>No examinations will be given. Submission of reports is required from time to time.</p>				
Text/Reference Books, etc.	None				
PC or AV used in Class, etc.	PC Handouts				

Suggestions on Preparation and Review	No preparations for lessons are required. Students are encouraged to review the handouts to deepen their knowledge of research in the fields covered in the course.
Requirements	
Grading Method	Attendance, written reports, attitude during class
Message	This course is mandatory for medical students; your attendance in all classes is expected.
Other	
<p>Please fill in the term-end class evaluation questionnaire. Instructors will reflect on your feedback and utilize the information for improving their teaching. Small classes will not conduct the questionnaire to prevent your identity from being uncovered.</p>	