

**【Subject code : 10170 (Master's Elective Subject)】 【Subject code : 20200 (Doctoral Compulsory Subject)】**

\*Note that the codes are different for master's and doctoral students.

**Academic Year 2023 Graduate School's Medical Experiment Course**

Location : Lecture Room 2(Medical Education & Library Building 3F)

Date	AM		PM	
<b>April 5 (Wed.)</b>	1	8:45 ~ 10:15 Introduction to recombinant DNA technique (Molecular Genetics : TERADA Kazutoyo)	3	13:15 ~ 14:45 Principle and application of polymerase chain reaction (Medical Biochemistry : SATO Yoshifumi)
	2	10:30 ~ 12:00 Gene Trasfer Technique (Molecular Physiology : CHUJO Takeshi)		15:00 ~ 16:30
<b>April 6 (Thu.)</b>	4	8:45 ~ 10:15 Cell imaging and quantitative analysis (Chromosome Biology: ISHIGURO Keiichiro)	6	13:15 ~ 14:45 Analysis of Transcriptional Regulation (Cell Signaling and Metabolic Medicine : KANAMORI Yohei)
	5	10:30 ~ 12:00 Protein Purification (General Methods) (Molecular Cell Biology : YAMANAKA Kunitoshi)	7	15:00 ~ 16:30 Pharmacokinetics (Pharmacology and Therapeutics : SARUWATARI Junji)
<b>April 10 (Mon.)</b>	8	8:45 ~ 10:15 Production of polyclonal and monoclonal antibodies (Immunology : IRIE Atsushi)	9	13:15 ~ 14:45 Analytical methods for intracellular signaling (Infection and Hematopoiesis : SUZU Shinya)
		10:30 ~ 12:00	10	15:00 ~ 16:30 Immunohistochemistry (Cell Pathology : YANO Hiromu)
<b>April 11 (Tue.)</b>				
	11	10:30 ~ 12:00 Basic Methods in Immunology (Immunology : IRIE Atsushi)	12	15:00 ~ 16:30 Proteomics (Tumor Genetics and Biology : ARAKI Norie)
<b>April 12 (Wed.)</b>	13	8:45 ~ 10:15 Experimental animals and animal Experimentations I (Division of Microbiology and Genetics: TORIGOE Daisuke)	15	Reproductive Engineering Techniques (Reproductive Engineering: TAKEO Toru)
	14	10:30 ~ 12:00 Experimental animals and animal Experimentations II (Division of Microbiology and Genetics: TORIGOE Daisuke)	16	15:00 ~ 16:30 In situ hybridization (Molecular Pharmacology : KIKUCHI Koji)
<b>April 13 (Thu.)</b>	17	8:45 ~ 10:15 Practice and Guidance for Biological Laboratory Safety (Medical Virology: MAEDA Yosuke)		
	18	10:30 ~ 12:00 Introduction to flowcytometry (Immunology : IRIE Atsushi)		
<b>e-learning only</b>	19	Experiment study and safety control 【e-learning only】 (Environmental Safety Center: YAMAGUCHI Yoshihiro)	20	Guidance for Living Modified Organism (LMO) 【e-learning only】 (Division of Genomics : ARAKI Masatake)
			21	Methods for Literature Search 【e-learning only】 (Anatomy : FUKUDA Takaichi)