

**【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<br/>(Wed.)</b>  | 1  | 8:45<br>~<br>10:15<br>Introduction to recombinant DNA technique<br>【eEJ-L】<br>(Molecular Genetics : TERADA Kazutoyo)                                 | 3  | 13:15<br>~<br>14:45<br>Principle and application of polymerase chain reaction<br>【eEJ-L】<br>(Medical Biochemistry : SATO Yoshifumi)     |
|                            | 2  | 10:30<br>~<br>12:00<br>Gene Transfer Technique<br>【eEJ-L】<br>(Molecular Physiology : CHUJO Takeshi)  |    |   |
| <b>April 6<br/>(Thu.)</b>  | 4  | 8:45<br>~<br>10:15<br>Cell imaging and quantitative analysis<br>【eEJ-L】<br>(Chromosome Biology: ISHIGURO Keiichiro)                                  | 6  | 13:15<br>~<br>14:45<br>Analysis of Transcriptional Regulation<br>【eEJ-L】<br>(Cell Signaling and Metabolic Medicine :<br>KANAMORI Yohei) |
|                            | 5  | 10:30<br>~<br>12:00<br>Protein Purification (General Methods)<br>【eEJ-L】<br>(Molecular Cell Biology : YAMANAKA<br>Kunitoshi)                         | 7  | 15:00<br>~<br>16:30<br>Pharmacokinetics 【eEJ-L】<br>(Pharmacology and Therapeutics :<br>SARUWATARI Jyunji)                               |
| <b>April 10<br/>(Mon.)</b> | 8  | 8:45<br>~<br>10:15<br>Production of polyclonal and monoclonal antibodies<br>【eEJ-L】<br>(Immunology : IRIE Atsushi)                                   | 9  | 13:15<br>~<br>14:45<br>Analytical methods for intracellular signaling<br>【eEJ-L】<br>(Infection and Hematopoiesis : SUZU Shinya)         |
|                            |    |  | 10 | 15:00<br>~<br>16:30<br>Immunohistochemistry 【eEJ-L】<br>(Cell Pathology : YANO Hiromu)   |
| <b>April 11<br/>(Tue.)</b> | 11 | 10:30<br>~<br>12:00<br>Basic Methods in Immunology 【eEJ-L】<br>(Immunology : IRIE Atsushi)  | 12 | 15:00<br>~<br>16:30<br>Proteomics 【eEJ-L】<br>(Tumor Genetics and Biology : ARAKI Norie)   |
|                            | 13 | 8:45<br>~<br>10:15<br>Experimental animals and animal Experimentations<br>I 【eEJ-L】<br>(Division of Microbiology and Genetics:<br>TORIGOE Daisuke)   | 15 | Reproductive Engineering Techniques<br>(Reproductive Engineering: TAKEO Toru)   |
| <b>April 12<br/>(Wed.)</b> | 14 | 10:30<br>~<br>12:00<br>Experimental animals and animal Experimentations<br>II 【eEJ-L】<br>(Division of Microbiology and Genetics:<br>TORIGOE Daisuke) | 16 | 15:00<br>~<br>16:30<br>In situ hybridization 【eEJ-L】<br>(Molecular Pharmacology : KIKUCHI Koji)   |
|                            | 17 | 8:45<br>~<br>10:15<br>Practice and Guidance for Biological Laboratory<br>Safety 【eEJ-L】<br>(Medical Virology: MAEDA Yosuke)                          |    |   |
| <b>April 13<br/>(Thu.)</b> | 18 | 10:30<br>~<br>12:00<br>Introduction to flowcytometry 【eEJ-L】<br>(Immunology : IRIE Atsushi)  |    |   |
|                            | 19 | Experiment study and safety control 【eEJ-0】<br>(Environmental Safety Center:YAMAGUCHI<br>Yoshihiro)  | 20 | Guidance for Living Modified Organism (LMO)<br>【eJ-0】<br>(Division of Genomics : ARAKI Masatake)  |
| <b>e-learning<br/>only</b> |    |  | 21 | Methods for Literature Search 【eEJ-0】<br>(Anatomy : FUKUDA Takaichi)  |