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| Course Title | | Practice of Virology and Immunology | | | | | |
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| Type | Exercise | | | Number of credits | 1  (1.6) | Hours | - |
| Course Instructor | | | Taisuke HORIMOTO, Shin MURAKAMI | | | | |
| Course Overview:  In this practice, students can learn basic procedures for virus isolation from infected animals, and for serological, antigenic, and genetic diagnosis for viral infections. | | | | | | | |
| Course Goals:   1. To understand the basic knowledge of viral infectious diseases 2. To understand the clinical diagnosis for viral infectious diseases | | | | | | | |
| Course Schedule:   1. Virus isolation from infected animals 2. Serological method -1 (Virus-neutralization test) 3. Serological method -2 (Hemagglutination-inhibition test) 4. Serological method -3 (ELISA ) 5. Antigenic diagnostic method (Immuno-chromatography test) 6. Genetic diagnostic method -1 (PCR) 7. Genetic diagnostic method -2 (LAMP) | | | | | | | |
| Remarks: | | | | | | | |