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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
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| 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)
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| Remarks:　  |