



分子醫學研究所課程規劃架構

Course Planning framework of Institute of Molecular Medicine

Entrance

Core courses

(Required courses)

- ❖ Seminar (1)
- ❖ Seminar (2)
- ❖ Seminar (3)
- ❖ Seminar (4)
- ❖ Advanced Molecular Biology
- ❖ Advanced Cell Biology

Basic courses

(Electives: Non-discipline restricted)

- ❖ Introduction to Research
- ❖ Bioinformatics
- ❖ Special topics for Molecular Medicine(1)/(2)
- ❖ General Cell Biology
- ❖ General Molecular Biology
- ❖ Interdisciplinary Laboratory Rotation for Molecular Medicine
- ❖ Modern Biotechnology

Professional courses

(Electives: Discipline-specific)

Infectious Diseases

- ❖ Fundamentals of Infectious Diseases and Microbial Research
- ❖ Microbial Pathogenesis

Genetic & Developmental Biology

- ❖ Genomics and Functional Biology(1)(2)
- ❖ Special Topics in Genetics(1)(2)
- ❖ Neuroimmunology

Cancer Biology (Oncobiology)

- ❖ Angiogenesis
- ❖ Special Topics in Aging Research
- ❖ The Molecular Mechanisms of the Programmed Cell Death
- ❖ Cancer Medicine
- ❖ Molecular Pathology of Cancer

Thesis

Graduation