Program for Medical Sciences

● Admission Policy

We welcome students with positive, independent and advanced thinking who can make full use of our graduate school educational system.

1. Knowledge and Understanding / Thinking and Judgment
   1) Be able to explain concisely the medical background and problems, and related social needs, of one’s research topic at the graduate school.
   2) Acquire the reading ability in English required to conduct research.

2. Interest and Motivation / Attitude
   (Students must meet one or more of the following.)
   1) Have a strong interest in medical/life science research and aim to be leading researchers in one’s specialized field in the future.
   2) Aim to gain high-level specialized knowledge and skills for a specific field of medical science/treatment and to conduct advanced medical treatment at the clinical sites.
   3) Hope to conduct high-level research while working at hospitals/companies.

3. Skills and Expression
   1) Be able to give presentations on research conducted in graduate school, and be able to explain it clearly even to faculty and graduate students of other specializations.
   2) (For International students) Be able to communicate properly in Japanese or English with faculty/staff members of the labs and schools including the supervisor in order to conduct one’s research.

● Course Curriculum Policy

Principle

In response to society’s needs, we aim to foster researchers with a broad knowledge of a specialized field and skills who are able to conduct creative research, and academic doctors with superior clinical/research skills who are able to improve the level of community medicine.

Features

We established four research fields focusing on the fusion of basic/clinical medicine and promote both advanced-interdisciplinary research and translational research, making it possible to apply the results from basic medicine to clinical medicine.

Students are provided various supervisors based on their needs, which enables them to acquire the research ability required in their specialized field and broad knowledge/skills of related areas.

In addition to the introductory/basic classes, we provide practical training such as gene recombination experiments, handling of experimental animals and handling of RI, and we also have a “Clinical oncology course” which focuses on cancers and conducts special research and education.
Diploma Policy

1. Knowledge and Understanding
1) Acquire deep knowledge of a specialized field in the medical/life science.
2) Acquire broad learning merging interdisciplinary studies in medical science/medical treatment, life science and environmental science.

2. Thinking and Judgment
1) Be able to create a new research project, based on one’s research history or clinical experience, which can be finished within a certain time.
2) Be able to make a concrete, realistic plan for experiments and investigations based on one’s research topic.

3. Interest and Motivation
1) Acquire the motivation to use one’s research results to propel medical/life science on a global level, or the sustainable development of community medicine.

4. Attitude
1) Acquire a sense of research ethics as a medical scientist based on practical experience gained in the lab, field surveys, or clinical work.
2) Acquire a sense of responsibility as an independent researcher and as a presenter at a conference or author of a report.

5. Skills and Expression
1) Be able to analyze one’s own research results objectively and present them orally in discussion covering the background, results, research methods, inquiries and possible development of the goals.
2) Be able to publish one’s own research results meeting international standards.