

History and Overview

Graduate Institute of Clinical Medicine is originally the Division of Clinical Medicine in the Graduate Institute of Medical Sciences. Through division head's outstanding leadership, the division developed a substantial base for clinical research. The Institute was approved by the Ministry of Education in October 2006, and its formal establishment and admission started in August 2007. The mission of the institute is to train clinicians with excellent research ability. Since research performance becomes more significant for clinical doctor's evaluation, how to improve capability and

production in research has being increasingly important for clinical doctors. The institute offers a series of integrated courses in the master and Ph.D. program. After students completed the program, they will acquire independent research ability and integrate clinical experience with theories and laboratory results. Thus their clinical problems can be solved by research, and the quality of medical treatment is improved.

Goal of Education

To train excellent physician scientists. To integrate clinical experience with theories and laboratory results. To improve

the clinical translational research ability of clinical doctors.

Distinctive Feature of Education

Curriculum

To improve the clinical translational research ability of clinical doctors, both basic and clinical courses such as molecular biology, cell biology, applied biostatistics, clinical trail, research design, gene medicine, and translational medicine are offered. Advanced thesis writing and Seminar are offered to improve the students ability of scientific paper writing and data analysis.

Equipment Facilities

Besides the general teaching equipment such as notebook, projector...and so on, many teaching materials and equipment are provided by Dean's office, information center, center of teaching materials of Taipei Medical University. There are more than 130 items of research equipment provided by our institute, which can apply to the research of molecular biology, cell culture, pharmacology, physiology, histology. Moreover, more than 50 items of advanced equipment are provided by Taipei Medical University including genomic and proteomic equipment, LC-MS-MS, confocal microscope, Laser capture microscope, microsequencer, NMR, MRI, PET, biplane, 3D LightSpeed VCT, IGRT and CyberKnife.



Faculty

The 10 main faculty members in the institute consist of 6 professors, 2 associate professors and 2 assistant professors. Most of them are M.D., Ph.D.. There are also more than 70 adjoin faculty members from Clinical Department, School of Medicine. All faculty members participate in course and research activities according to their specialty.

Distinctive Feature of Research

Besides the clinical work, teachers in this institute make their great efforts on integration of basic and clinical research, especially in solving of clinical problem via basic approach. In recent three years (2006-2008), there are 64 SCI papers published by our main faculty members and 29 research plans in our institute.

Prospect

The characteristics of Graduate Institute of Clinical Medicine are: disease-based research: Establish disease-based research such as stroke, cancer, cardiovascular disease and reproduction medi-

cine; research-guided teaching: We offer courses in cell biology, molecular biology, application statistics and research design, gene medicine; co-supervisor: PhD students are under the supervision of two professors with clinical and basic medical background, respectively; translation research: To face the future clinical development, training of the clinical test and the translation medicine are requested.

Services

Except research, our main faculty members provide their professional experience to serve as a examine committee member, the editor of academic journal and a plan/paper reviewer.

Career Development

After graduation, doctors with PhD degree may be invested as assistant professor or a principle investigator by an academic institution. Students with Master Degree are qualified to apply the

PhD program. International Academic Activities

Our faculty members participate in the international academic seminar every year. We also encourage our students to attend and present their lab work in the international academic meeting. Moreover, we impel enthusiastically the international course and welcome the overseas students to join us. In the future, we will cooperate actively with other international scholarly research unit, focusing on research communication, the graduate student exchanges and regular seminar, to enhance our international competitive ability.

