Collaborative Research Institutes

- Campton Laboratory, Institute of Animal Healthy, UK
- London School of Hygiene and Tropical Medicine, UK
- The Institute of Cancer Research (Sutton Site), University of London, UK
- University of Edinburgh, UK
- University of Leicester, UK
- University of California at Davis, USA
- University of Wisconsin-Madison, USA
- Ehime University, Matsuyama, Japan
- Institute of Health Biosciences, University of Tokushima Graduate School, Japan
- University of Bern, Switzerland
- Institute for Child Health Research, Australia
- Genomic Institute of Singapore, Singapore

Faculty Members

The diversity of experts across various disciplines has uniquely strengthened and enriched this program. It adds more dimensions to the students' learning experiences and nurtures the abilities and skills required to solve complex scientific problems.

Admission requirements

M.Sc. program

- Applicants must hold a Bachelor's Degree in Science, Example, Medical Technology, Biology, Biotechnology, and Agriculture, Pharmacy or those related to Immunology.
- 2. Receive a cumulative GPA of at least 2.50.
- Submit a certificate of English proficiency with admission score of MU GRAD TEST at least 44 or an equivalent
- 4. Exemption from the above conditions may be granted by the Program Committee under exceptional circumstances.

Ph.D. program

Plan 2 : Coursework and research for students with a Bachelor's Degree and Master's Degree

Bachelor's Degree

- 1. Applicants must hold a Bachelor's Degree in Science or an equivalent degree with honors.
- 2. Submit a certificate of English proficiency with admission score TOEFL ITP.
- Exemption from the above conditions may be granted by the Immunology Program Committee under exceptional circumstances

Master's Degree

- 1. Applicants must hold a Master's Degree in Immunology or related life Sciences GPA >3.50.
- 2. Submit a certificate of English proficiency with admission score TOEFL ITP.
- Exemption from the above conditions may be granted by the Immunology Program Committee under exceptional circumstances

M.Sc. & Ph.D. Program in Immunology

Mahidol University

Faculty of Medicine Siriraj Hospital

(International Program)

Department of Immunology Faculty of Medicine Siriraj Hospital Mahidol University



Plan 1 : Research only for students with a Master's Degree

- 1. Applicants musthold a Master's Degree in Immunology or related Life Sciences with GPA>3.50
- 2. Applicants musthave at least 5 year research experience
- 3. Applicants must have at least 1 international publication not for previous degree graduation.

CONTACT



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Why should you do postgraduate study with us?

Scholarship opportunities



If you are finishing your undergraduate degree and deciding what to do next in your life or currently working and would like to advance your skills and responsibilities for your future career, postgraduate programs in Immunology can offer you the opportunities to enhance your research experiences and laboratory skills, and improve your future employment prospects.

Postgraduate programs in Immunology offer a wide range of courses in Immunology and related fields to develop students' expertise, which enable them to carry on high-level research that is inspiring, challenging and ultimately more rewarding.

Together with our international collaborative research institutes as well as our well-known faculty members and researchers, the postgraduate programs offer a great flexibility for candidates to perform research in various disciplines. Students will learn basic and advanced knowledge from the coursework and will gain presentation/writing skills as well as obtaining invaluable laboratory experiences of international levels during the research study. Students will also have opportunities to undertake part of their ongoing research at our international collaborative research institutes and present their work in the international conferences. Each year the Faculty of Graduate Studies provides a number of scholarships distributed to students from all fields of study. For more information, please visit the webpage of the Faculty of Graduate Studies*.

• Scholarships from external sources are also available and the Faculty of Graduate Studies provides assistance to students in finding those scholarships.

• Apart from several scholarships available through the Faculty of Graduate Studies, eligible Siriraj graduate students can also apply for the Siriraj Graduate Scholarships, the Siriraj Graduate Thesis Scholarships*, and the Graduate Scholarship Program for International Students from Neighboring Countries.

• External resources are scholarships from The Thailand Research Fund (TRF) and The National Science and Technology Development Agency (NSTDA).

CAREERS AFTER GRADUATION



Researchers in academic institutions of govommental sectors

Medical technologists in hospitals





Employees in private companies

Faculty member in higher education institutions



Research Areas

Students' theses will be the part of ongoing research in these various fields.

• Immunology and molecular biology of important infectious diseases such as dengue hemorrhagic fever, leptospirosis, melioidosis, pythiosis, scrub typhus and viral hepatitis – Molecular pathogenesis, virulence factors of the organisms, immune responses, immune evasion, vaccine development, development of diagnostic tests and diagnostic kits, development of monoclonal antibodies and their applications

• Immunology and molecular biology of non-infectious diseases such as allergic diseases, cancers, diabetes mellitus, hematologic malignancies (leukemia, lymphoma), primary immunodeficiency diseases and neuro-muscular diseases, renal diseases, thalassemia – Underlying genetic defects or genetic influences, molecular pathogenesis, development of diagnostic tools, development of therapeutic methods

• Development and applications of biotechnology and genetic engineering – Genetically engineered protein and monoclonal antibodies, genetic analysis of microbial genomes, DNA diagnosis of genetic diseases, flow cytometry and cell sorting, stem cell purification, culture and genetic manipulation of stem cells