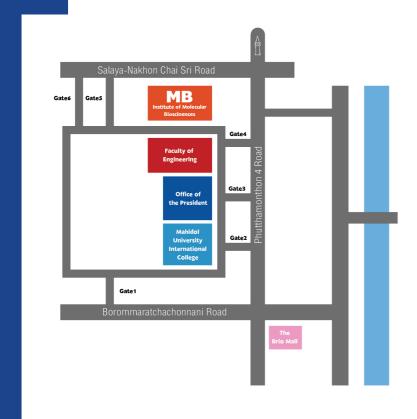
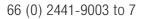
CONTACT US





25/25 Phuttamonthon 4 Road, Salaya, Nakhon Pathom 73170, Thailand





https://mb.mahidol.ac.th/th/



https://www.facebook.com/mb.mahidol/



mb.mahidol







Institute of Molecular Biosciences



An international profile

We provide our students the chance to work collaboratively with our partners from different sectors across the world.

A desirable environment to live and learn

As Salaya Campus, there is never dull moment.

Journey to Excellence

- The Thailand Research Fund Index 5.0 (Excellent) in Microbiology, Molecular Biology and Biotechnology (3 years in a row)
- ISO Certification Chemical Safety Laboratory
- The Thailand Research Fund (TRF) Researcher Awards
- The TRF-Thomson Reuters OHEC Research Excellence Awards
- The National Research Council of Thailand Awards

MB Innovation



Vaccines





diagnosis kit by melting curve and Zika analysis



Food allergy diagnostic kits



Immunodiagnostic test kits for fasciolosis and paramphistomosis in ruminants



Monoclonal antibody for induction of ovarian maturation in shrimp

General Requirements

Hold a degree in the following fields

Chemistry Genetics Veterinary Dentistry Medical Technology Medicine Biochemistry Nursing Biological Pharmacy Physical Therapy Psychology Microbiology Biotechnology **General Sciences** Or others related field

Master of Science Program

Hold a Bachelor's (B.Sc.) with a cumulative GPA of at least

2.50

Have a minimum English score as follows:



MU GRAD Plus (MU GRAD Test + Speaking)

MU ELT

Doctor of Philosophy Program

Hold a B.Sc. with an honor degree or M.Sc. with a cumulative GPA of at least 3.50

3.50

Have a minimum English score as follows:



TOEFL-iBT



IELTS



(only test arranged by FGS Mahidol University)



Our program is one of the first program in Systems Biosciences in Thailand. We offer remarkably diverse graduate research training, spanning the entire breadth of modern and integrative biology, from molecules and cells to complete systems and humans though multi-omics approaches.

The program is best suited for students who are independent, who want to play a role in determining their graduate education, and who wish to combine concepts and techniques from different areas of medical science in their research.

Additional Requirement

- 1. Applicants must hold a Master degree in Medical Science, Life Science, or related field and have a minimum GPA of 3.50 OR have at least one research publication in journals with impact factor.
- 2. Applicants from the Bachelor's degree must hold M.D., D.D.S., D.V.M., B. Pharm., or B.Sc. in medical Science, Life Science, or related field OR studying in Ph.D.–M.D. or Ph.D.–D.D.S. programs, and have a minimum GPA of 3.50.
- 3. Applicants who do not meet the above criteria may apply to the program under discretion of the Program Director and the Dean of the Faculty of Graduate Studies.

Research Interests

Stem Cells and Gene Therapy

Thalassemia

Host-Virus Interactions and Immunity

Vaccine Development

Drug Discovery

E-mail: surapon.pib@mahidol.ac.th







Molecular Genetics and Genetic Engineering (M.Sc. & Ph.D.)

Molecular Genetics and Genetic Engineering Program was established in 1994. The program aims at the training of young scientists to be key researchers and future leaders in different fields of Molecular Genetics and Genetic Engineering.

The program's mission is to produce professional trainers who are capable of carrying out independent and original research, and can cope with a wide range of scientific problems in Molecular Biosciences.

Additional Requirement

M.Sc. program: No written examination is required. All the applicants will be interviewed in English by the interview committee. Final decision is based on five criteria which are English proficiency, knowledge, research skills, intelligence and personality.

Research Interests

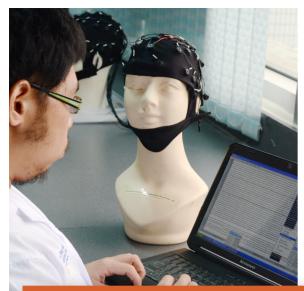
Molecular Medicine
Human Molecular Genetics
Animal Molecular Biology
Plant Molecular Biology
Microbial Molecular Biology
Bio-energy Research
Structural Molecular Biology

Ph.D. Program-plan A (Research Only): The applicants must have a GPA of no less than 3.50 and be the first author on a research publication in an international journal that has a peer review process or have at least two-year experience in molecular biology research or research in related field.

Ph.D. Program-plan B: The English proficiency will be judged based on the score of TOELF or IELTS as required by the Faculty of Graduate Studies. The interview of Ph.D. applicants is emphasized on conceptual and critical thinking, research potential and ability to work independently.

Program Director: Assoc Prof. Panadda Boonserm

E-mail: panadda.boo@mahidol.ac.th







The Neuroscience Program emphasizes the rapidly expanding knowledge on the neurobiological basis of behavior, the critical factors influencing the development and functioning of brain and behavior, chemistry of brain functions, molecular neurobiology of gene expression and their controls in neurons and glial cells, neuropathology of locally and regionally important neuropathology and mental health problems and human and animal behavior in health and in disease.

M.Sc. program: Applicants must hold a B.Sc. (GPA of no less than 2.5) degree in the Medical-, Life-, Biological-, Physical-, Health- or General Sciences; or in Medicine, Pharmacy, Dentistry, Veterinary Medicine, Medical Technology, Physiotherapy, Nursing or Psychology and meet the requirements of the Faculty of Graduate Studies.

Ph.D. Program-plan A: Applicants must hold a M.Sc. (GPA of no less than 3.5) degree in Neuroscience or related fields and be the first or corresponding author on a research publication in a neuroscience discipline in an international journal and meet the requirements of the Faculty of Graduate Studies.

Ph.D. program-plan B: Applicants must hold a B.Sc. or M.Sc. (GPA of no less than 3.5) degree in the Medical-, Life-, Biological-, Physical-, Health- or General Sciences; or in Medicine, Pharmacy Dentistry, Veterinary Medicine, Medical Technology, Physiotherapy, Nursing or Psychology and meet the requirements of the Faculty of Graduate Studies.

Additional adventage of the program

The Neuroscience Program at Mahidol University has signed MOU contracts with several prominent Universities in the UK, USA, Norway, Sweden, Denmark, Australia, etc.

Program Director (Ph.D.): Assoc. Prof. Nuanchan Chutabhakdikul, Ph.D.

E-mail: nuanchan.chu@mahidol.ac.th

Program Director (M.Sc.): Asst. Prof. Sujira Mukda, Ph.D.

E-mail: sujira.muk@mahidol.ac.th

Research Interests

Psychaitric Problems
Pineal and Melatonin
Alzheimer's Disease
Parkison's Disease
Developmental Neuroscience
Autonomic Neuroscience
Cognitive Neuroscience

Scholarships

The Institute of Molecular Biosciences, Mahidol University, together with the international graduate programs in Molecular Genetics and Genetic Engineering, Neuroscience and Systems Biosciences realize the importance of providing higher educational opportunities for both Thai and foreign students. Thus, a number of scholarships are offered to support students with excellent academic performance who wish to study for either Master's or Doctorate degree at the Institute of Molecular Biosciences.



Scholarships supported by the International Graduate Programs in Molecular Genetics and Genetic Engineering & Neuroscience

Type I: provide full tuition fee

Type II: provide full tuition fee and monthly allowance for 5 months (5,000 baht/month)

Scholarship for students

A reduced tuition fee from 9,000 baht/credit to 1,800 baht/credit An exemption of research fee (150,000 baht for M.Sc. students and 300,000 baht for Ph.D. students)

Scholarship for foreign students may vary among programs.

The Institute of Molecular Biosciences Research Assistantships
Scholarship is worth 40,000 baht/semester



Partial Scholarship for Master's and Doctoral Thesis. Graduate Studies of Mahidol University Alumni Association.

The 60th Year Supreme Reign of His Majesty King Bhumibol Adulyadej Scholarship

The Royal Golden Jubilee (RGJ) Ph.D. Scholarships supported by the National Research Council of Thailand (NRCT)



National Research Council of Thailand Scholarships for Graduate Students

Thailand Graduate Institute of Science and Technology or TGIST Scholarships