

The Bangkok School of Tropical Medicine



▶ The Bangkok School of Tropical Medicine was established in 1960 to teach Thai medical doctors, especially those working in rural areas, tropical medicine, parasitology and the preventive aspects of endemic diseases. The School now provides continuing education to doctors, researchers, medical personnel and professionals concerned with tropical medicine and public health through its five programs, from postgraduate diploma to PhD levels. English is the medium of instruction. The courses are open to students from all around the world. Details of the School's programs can be viewed on the Faculty's website at: <http://www.tm.mahidol.ac.th> or may be requested by e-mail from the School at e-mail address: tmedu@diamond.mahidol.ac.th

Regular Postgraduate Programs

1. Graduate Diploma in Tropical Medicine and Hygiene

The course provides medical doctors with the concepts and principles of clinical management of tropical diseases, epidemiology, prevention and control, and health problems in tropical areas.

2. Master of Clinical Tropical Medicine and Master of Clinical Tropical Pediatrics

The M.C.T.M. program is an extension of the D.T.M.&H. Its purpose is to train medical doctors in tropical and endemic diseases in relation to their causes, epidemiology, pathogenic mechanisms, prevention and control; to be able to efficiently examine, diagnose and treat patients suffering from tropical and endemic diseases; to be able to provide consultation, disseminate and impart knowledge of tropical medicine; and, competently to conduct clinical research.

3. Master of Science in Tropical Medicine

This program develops competency in research, and the capacity to deliver technical services related to tropical medicine. There are 14 major fields: clinical tropical medicine, clinical pharmacology, epidemiology, microbiology, immunology, biochemical nutrition, nutritional epidemiology, nutritional toxicology, tropical pathology, radiological science, social medicine, environmental toxicology, environmental health, parasitology, and medical entomology.

4. Doctor of Philosophy in Tropical Medicine

This doctoral program provides advanced knowledge and skills for competency in research, particularly in tropical medicine. There are 14 major fields, as for the Master of Science in Tropical Medicine, listed above.

5. Doctor of Philosophy in Clinical Tropical Medicine

This program enables medical doctors to gain advanced knowledge, study new techniques, and apply them to areas of research in clinical tropical medicine. Students conduct an original extensive research project related to clinical tropical medicine.

Collaborative Training Programs

Master of Science in Clinical Epidemiology

The Faculty, with the Faculties of Public Health and Medicine, Ramathibodhi Hospital, offers this international program. The objective is to develop academic and health service leadership, which will facilitate effective public health and medical care programs at every level in various countries.

D.T.M. & H. 2003	
1. Dr. Barbara Sperl	Austria
2. Dr. Nadia Soleman	Austria
3. Dr. Suprotik Ghagra	Bangladesh
4. Dr. Huot Chantheany	Cambodia
5. Dr. Karsten Wegner	Germany
6. Dr. Peter Hans Oberender	Germany
7. Dr. Hannes Wickert	Germany
8. Dr. Martinus Martin Leman	Indonesia
9. Dr. Masri Sembiring Maha	Indonesia
10. Dr. Yaron Wolman	Israel
11. Dr. Amane Suzuki	Japan
12. Dr. Hiroshi Nishiura	Japan
13. Dr. Molina Choummanivong	Lao P.D.R.
14. Dr. Gilles Alain Eperon	Switzerland
15. Dr. Reto Nuesch	Switzerland
16. Dr. Chatporn Kittitrakul	Thailand
17. Dr. Sant Muangnoicharoen	Thailand
18. Dr. Saranath Lawpoolsri	Thailand
19. Dr. Hina Thekdi Pandya	U.S.A.

M.C.T.M. 2003-2004	
1. Dr. Masri Sembiring Maha	Indonesia
2. Dr. Molina Choummanivong	Lao P.D.R.
3. Dr. Ei Ei Tin	Myanmar

M.C.T.M. (Trop.Ped.) 2003-2004	
1. Dr. Suprotik Ghagra	Bangladesh
2. Dr. Huot Chantheany	Cambodia

Ph.D. (Clin.Trop.Med.) 2003	
2nd year student	
1. Dr. Prakaykaw Tipmanee	Thailand

4th year student	
1. Dr. Hla Yin Myint	Myanmar

5th year student	
1. Dr. Yoshinari Moriyama	Japan

M.Sc.(Trop.Med.) 2003	
1st year students	
1. Miss Kannika Channongsai	Thailand
2. Miss Chutharut Ridruechai	Thailand
3. Miss Jaiuae Wongtanachai	Thailand
4. Miss Natthakorn Khundee	Thailand
5. Mr. Tawin Inpankaew	Thailand
6. Miss Nongyao Sombdach	Thailand
7. Mr. Pongruj Rattaprasert	Thailand
8. Miss Forradee Nuchsongsin	Thailand
9. Miss Yuphin Knogphrai	Thailand
10. Miss Rungnapa Luksameetanasan	Thailand
11. Miss Sineewanlaya Wichit	Thailand

M.Sc.(Trop.Med.) 2003 (Continued)

1st year students

12. Mr. Sukniran Kraisit	Thailand
13. Mr. Supapong Attasri	Thailand
14. Miss Hatairat Yongpradoem	Thailand
15. Miss Amonrattana Roobthaisong	Thailand
16. Mr. Sujan Babu Marahatta	Nepal
17. Mr. Bishnu Prasad Upadhyay	Nepal
18. Dr. Go Yoshimura	Japan
19. Mr. Dhruva Kumar Khadka	Nepal

2nd year students

1. Miss Kaesinee Phuwao	Thailand
2. Pol. Maj. Kitanapa Napakorn	Thailand
3. Miss Chanthanee Nitigaroon	Thailand
4. Miss Chantira Suttikornchai	Thailand
5. Miss Jiraporn Kuljiraruk	Thailand
6. Miss Thipawan Kanghae	Thailand
7. Miss Nada Petabut	Thailand
8. Miss Preeyaporn Monatrakul	Thailand
9. Miss Pattamaporn Sirima	Thailand
10. Miss Piyawan Sricharoen	Thailand
11. Miss Ratana Tacharoenmuang	Thailand
12. Miss Sirirat Jintagarnrasri	Thailand
13. Miss Pedcharad Satheanmethakul	Thailand
14. Mr. Prasan Kankaew	Thailand
15. Mr. Phiromsak Phattanapaigitkun	Thailand
16. Dr. Do Hoang Long	Vietnam
17. Miss Jitbanjong Toomphong	Thailand
18. Miss Muncharee Tattiyapong	Thailand
19. Miss Wilaiwan Rugsarach	Thailand
20. Miss Saranya Siribal	Thailand
21. Mr. Jakkrawan Chompoosri	Thailand

3rd year students

1. Miss Kanlaya Boonpen	Thailand
2. Miss Kevalin Vongthoung	Thailand
3. Miss Jaruwadee Rattanadakul	Thailand
4. Lt. Jittima Hirunrussamee	Thailand
5. Mr. Chalermpon Kaewjai	Thailand
6. Lt. Chanakarn Kalambaheti	Thailand
7. Miss Nattawan Rachapaew	Thailand
8. Mr. Danai Sisuan	Thailand
9. Mr. Narin Hoisanks	Thailand
10. Mr. Nitipon Ratanasetyuth	Thailand
11. Mr. Nukool Limpairojn	Thailand

3rd year students (Continued)

12. Miss Natefa Uthaichotiwan	Thailand
13. Miss Busakorn Promsarin	Thailand
14. Miss Pannumthip Pitaksajjakul	Thailand
15. Miss Parichat Lapcharoen	Thailand
16. Miss Pimolrat Thongngarm	Thailand
17. Miss Wijitporn Siriphapapun	Thailand
18. Mr. Wichai Purisa	Thailand
19. Mr. Santipong Sirikajorndachsakul	Thailand
20. Miss Supawan Piyaratanavarasakul	Thailand
21. Mr. Sangchai Yingsakmongkon	Thailand
22. Mr. Amornthep Archawakulathep	Thailand
23. Miss Oranuch Kongpechsattit	Thailand
24. Mr. Ittisak Subrungruang	Thailand
25. Miss Uraiwan Krainara	Thailand
26. Miss Yoko Oshima	Japan
27. Major. Chamaiporn Suwanasophon	Thailand
28. Mrs. Teerarut Chanket	Thailand
29. Mr. Preeda Witthinuntiwong	Thailand
30. Miss Potjamas Pansri	Thailand
31. Mr. Sompoj Chalermtaranukul	Thailand

4th year students

1. Mr. Krasae Kanakupt	Thailand
2. Miss Tanyalak Khuntamoon	Thailand
3. Pol. Capt. Natsuda Jamornthanyawat	Thailand
4. Miss Busaba Tuntithavorn	Thailand
5. Mr. Prasert Rukmanee	Thailand
6. Miss Penapa Yutayong	Thailand
7. Mr. Panop Wilainam	Thailand
8. Mr. Sasipon Pumkumarn	Thailand
9. Mr. Sith Premashtira	Thailand
10. Miss Ladawan Wasinpiyamongkol	Thailand
11. Miss Charinthon Ngamamonpirat	Thailand
12. Dr. Manikip Outhayphone	Lao P.D.R.

5th year students

1. Miss Nahathai Chulakarat	Thailand
2. Miss Piyaporn Suebtrakul	Thailand
3. Miss Risara Jaksuwan	Thailand
4. Miss Souwanit Nakasiri	Thailand

6th year student

1. Miss Yupa Nakkinkun	Thailand
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Ph.D. (Trop.Med.) 2003

1st year students

1. Mr. Kraisorn Sappayatosok	Thailand
2. Miss Natharinee Horata	Thailand
3. Miss Navakanit Sachanonta	Thailand
4. Miss Panida Polseela	Thailand
5. Mrs. Piengchan Sonthayanon	Thailand
6. Mrs. Raweevan Srisawat	Thailand
7. Mr. Aongart Mahittikor	Thailand
8. Miss Ubol Chuensumran	Thailand
9. Miss Waranee Boonchuaylier	Thailand
10. Pol.Capt. Jongkol Podang	Thailand
11. Mr. Tawee Saiwichai	Thailand
12. Mr. Trung Dac Nguyen	Vietnam
13. Mr. Tuc Phong Vu	Vietnam
14. Mrs. Tassanee Silawan	Thailand
15. Mr. Kittisak Thawnathom	Thailand
16. Mr. Apiwat Tawatsin	Thailand
17. Dr. Le Huu Tho	Vietnam

2nd year students

1. Miss Sudarat Nguansangiam	Thailand
2. Mr. Prasert Thavondunstid	Thailand
3. Miss Patchara Sriwichai	Thailand
4. Miss Pornsawan Amarapal	Thailand
5. Miss Pachuen Potup	Thailand
6. Miss Piyada Wongroongsarb	Thailand
7. Miss Piyanuch Preechapornkul	Thailand
8. Miss Supaluk Popruk	Thailand
9. Mrs. Urairat Singhanat	Thailand
10. Miss Doungdaw Nuntakomon	Thailand
11. Miss Chintana Phawong	Thailand
12. Mr. Narong Nitatpattana	Thailand
13. Miss Manirat Therawiwat	Thailand
14. Miss Naowarat Tanomsing	Thailand
15. Dr. Trinh Van Hung	Vietnam

3rd year students

1. Dr. Kittipong Kongsomboon	Thailand
2. Ms. Chomrach Sirigul	Thailand
3. Mr. Tavorn Maton	Thailand
4. Mr. Narisorn Na-ngam	Thailand
5. Mr. Boonlue Chimbanrai	Thailand
6. Miss Piyatida Tangteerawatana	Thailand
7. Mrs. Panita Gosi	Thailand
8. Miss Pornlada Nuchnoi	Thailand

3rd year students (Continued)

9. Miss Pruksa Nawtaisong	Thailand
10. Ms. Phuangphet Waree	Thailand
11. Mrs. Malee Geounuppakul	Thailand
12. Dr. Sirinuch Rajchaiboon	Thailand
13. Dr. Somyos Deerasamee	Thailand
14. Mrs. Sirimon Chaikate	Thailand
15. Miss Sirima Kitvatanachai	Thailand
16. Miss Sukhontha Siri	Thailand
17. Miss Sunanta Chariyalertsak	Thailand
18. Mr. Surapon Tangvarasittichai	Thailand
19. Ms. Verena Ilona Carrara	Switzerland
20. Dr. Kim Jung Ryong	Korea
21. Dr. Sompong Srisaenpang	Thailand
22. Miss Pannapa Susomboon	Thailand
23. Miss Dounggrat Riyong	Thailand
24. Miss Siriporn Chanchay	Thailand
25. Miss Kanjana Suriyaprom	Thailand

4th year students

1. Miss Nantawan Kaewpoonsri	Thailand
2. Mr. Parin Suwannaprapha	Thailand
3. Miss Petchara Tussana	Thailand
4. Miss Suwanna Chaorattanakawee	Thailand
5. Miss Onguma Natalang	Thailand
6. Miss Orntipa Sethabutr	Thailand
7. Mr. Rongdej Tungtrakanpoung	Thailand
8. Mr. Somchai Jadsri	Thailand
9. Mr. Somphong Sithiprom	Thailand
10. Mrs. Tippayarat Yoonuan	Thailand
11. Mr. Apichai Srijan	Thailand
12. Mr. Tanett Pakeetoot	Thailand
13. Miss Thanida Tangwanicharoen	Thailand
14. Mr. Songpol Tornee	Thailand
15. Mrs. Pimsurang Taechaboonsermsak	Thailand
16. Mrs. Ratana Sithiprasasna	Thailand
17. Mrs. Soontaree Akawat	Thailand
18. Mrs. Anamai Tadkatuk	Thailand
19. Mr. Zulhainan bin Hamzah	Malaysia
20. Miss Pensri Saelee	Thailand
21. Miss Waraporn Aumarm	Thailand
22. Miss Supawadee Konchom	Thailand
23. Dr. Gias Uddin Ahsan	Bangladesh

5th year students

1. Mr. Kamon Foihirun	Thailand
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5th year students		5th year students (Continued)	
2. Miss Chutima Kamkhaek	Thailand	15. Mr. Hari Har Joshi	Nepal
3. Miss Naowarut Dechkum	Thailand	6th year students	
4. Mrs. Prapa Nunthawarasilp	Thailand	1. Miss Kriyaporn Songmuaeng	Thailand
5. Miss Pattra Suntornthiticharoen	Thailand	2. Mrs. Prapin Tharnpoophasiam	Thailand
6. Mr. Yuttana Sudjaroen	Thailand	3. Miss Wanida Pongstaporn	Thailand
7. Miss Waraphon Phimpraphi	Thailand	4. Miss Nitchakarn Noranate	Thailand
8. Mr. Panas Thumkiratiwong	Thailand	5. Miss Pittayaporn Moungrnoi	Thailand
9. Miss Suwalee Tantawiwat	Thailand	6. Miss Yuwadee Trongtokit	Thailand
10. Mrs. Oranan Prommano	Thailand	7. Miss Sawanee Tengrungrun	Thailand
11. Mr. Rajendra Kumar B.C.	Nepal	8th year student	
12. Miss Nitaya Poosanthanasarn	Thailand	1. Mr. Ruangyuth Chaiworaporn	Thailand
13. Miss Panee Chaksangchaichot	Thailand		
14. Dr. Aree Kantachuvessiri	Thailand		

Thesis Titles

M.C.T.M. (Thematic Papers)

Department	Name	Title of Thesis	Advisor
Clinical Tropical Medicine	Dr. Suprotik Ghagra	Clinical manifestation and treatment of non-severe falciparum malaria in Thai children	Assoc.Prof. Chukiat Sirivichayakul
Clinical Tropical Medicine	Dr. Huot Chantheany	Clinical manifestation of uncomplicated falciparum malaria and vivax malaria in Thai children	Assoc.Prof. Pornthep Chanthavanich
Clinical Tropical Medicine	Dr. Masri Sembiring Maha	Acute bacterial meningitis in adults at Chonburi Hospital	Assist.Prof. Udomsak Silachamroon
Clinical Tropical Medicine	Dr. Molina Choummanivong	Acute bacterial meningitis in adults at Chonburi Hospital	Assist.Prof. Weerapong Phumratanaprapin
Clinical Tropical Medicine	Dr. Ei Ei Tin	Efficacy and adverse effects of GPO vir cd4.T+3TC+NVP in HIV patients: follow up study	Assoc.Prof. Punnee Pitsuttithum

M.Sc. (Trop. Med.) 2nd year students

Department	Name	Title of Thesis	Advisor
Microbiology and Immunology	Dr. Do Hoang Long	Antibody recognition of Aeromonas antigens in mice	Assist.Prof. Yuvadee Mahakunkijcharoen
Protozoology	Miss Chantira Sutthikornchai	Protozoal contamination of water used in Thai frozen food industry	Assoc.Prof. Yaowalark Sukthana
Microbiology and Immunology	Miss Chanthanee Nitigaroon	PCR diagnosis of amebiasis	Assoc.Prof. Nittaya Thammapalerd

M.Sc. (Trop. Med.) 3rd year students

Department	Name	Title of Thesis	Advisor
Helminthology	Lt. Chanakarn Kalambaheti	ELISA values of serum antibodies from healthy Thai individuals against antigens of tissue helminths	Assoc.Prof. Wichit Rojekittikhun
Medical Entomology	Miss Parichat Lapcharoen	Three indigenous medical Thai plants for control of <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i>	Assoc.Prof. Chamnarn Apiwathnasorn
Microbiology and Immunology	Mr. Nitipon Ratanasyuth	Detection of dengue viral RNA in mosquitoes (<i>Aedes</i>) by nucleic acid sequence-based amplification (NASBA) and reverse transcriptase-polymerase chain reaction (RT-PCR)	Assoc.Prof. Wipawee Usawattanakul
Microbiology and Immunology	Miss Busakorn Promsarin	Detection of virulence factors from <i>Aeromonas</i> SOO in relation to diarrhea	Assist.Prof. Yuvadee Mahakunkijcharoen
Microbiology and Immunology	Miss Kanlaya Boonpen	Detection of anti-pyruvate: ferredoxin oxidoreductase (PFOR) antibody against <i>Entamoeba histolytica</i> in sera of amebiasis patients by using Western blotting	Assoc.Prof. Nittaya Thammapalerd
Microbiology and Immunology	Miss Oranuch Kongpechsatit	Characterization of rifampicin resistant <i>Mycobacterium avium</i> complex from Thailand using molecular techniques	Assist.Prof. Pongrama Ramasoota
Microbiology and Immunology	Mr. Chalermpon Kaewjai	Detection of <i>Acanthamoeba</i> spp. by using polymerase chain reaction (PCR) assays	Assoc.Prof. Nittaya Thammapalerd
Microbiology and Immunology	Miss Jaruwadee Rattanadakul	Analyses of natural killer T(NKT) cell subset in patients with severe and uncomplicated falciparum malaria	Assist.Prof. Varee Wongchotigul
Social and Environmental Medicine	Miss Pannumthip Pitaksajakul	Rapid detection of aerosol <i>Mycobacterium tuberculosis</i> and rifampicin resistant tuberculosis from hospitals using filtered air sampling and molecular techniques	Assist.Prof. Pongrama Ramasoota
Social and Environmental Medicine	Miss Yoko Oshima	Molecular epidemiology of <i>Aeromonas</i> spp. by using ERIC-PCR.	Assist.Prof. Pongrama Ramasoota

M.Sc. (Trop. Med.) 4th year students

Department	Name	Title of Thesis	Advisor
Helminthology	Mr. Krasae Kanakupt	Evaluation of excretory-secretory and partially purified antigens of adult <i>Toxocara canis</i> against human toxocariasis by ELISA and immunoblot	Assoc. Prof. Malinee Thairungroj
Tropical Nutrition & Food Science	Miss Tanyalak Khuntamoon	Seasonal variation of fresh, sterilized and pasteurized cow milk	Assoc. Prof. Supranee Changbumrung
Tropical Nutrition & Food Science	Miss Busaba Tantithavorn	Homocysteine, folic acid and cobalamin in subjects with coronary heart disease and healthy controls	Assoc. Prof. Supranee Changbumrung
Helminthology	Miss Pennapa Yutayong	<i>Toxocara canis</i> larval antigens for serodiagnosis of human toxocarosis	Assoc. Prof. Wichit Rojekittikhun
Microbiology and Immunology	Miss Matukorn Na Ubol	Virulenced genes of <i>Vibrio cholerae</i> Thailand isolates	Prof. Wanpen Chaicumpa
Medical Entomology	Miss Ladawan Wasinpiyamongkol	Morphological variations for susceptibility and transovarial transmission of dengue virus in <i>Aedes aegypti</i>	Assoc. Prof. Chamnarn Apiwathnasorn
Tropical Nutrition & Food Science	Mr. Sasipon Pumkumarn	Antioxidant enzymes and trace elements in subjects with coronary heart disease and healthy controls	Assoc. Prof. Supranee Changbumrung
Microbiology and Immunology	Miss Saichon Chimsumang	Indirect immunoperoxidase test for dual serodiagnosis of scrub typhus and leptospirosis	Assist. Prof. Varee Wongchotikul

M.Sc. (Trop. Med.) 5th year students

Department	Name	Title of Thesis	Advisor
Tropical Hygiene	Miss Nahathai Chulakavat	Sputum conversion among newly adult positive-smear pulmonary tuberculosis patients	Assoc. Prof. Pratap Singhasivanon
Helminthology	Lt. Tossapon Chaiyasith	Gnathostomiasis in Nakhon Nayok Province: prevalence and intensity of infection in fish caught for local consumption and the seasonal variation of infection in swamp eels	Assoc. Prof. Wichit Rojekittikhun
Microbiology and Immunology	Miss Piyaporn Suebtrakul	Seroprevalence of antibodies to <i>Orientia tsutsugamushi</i> in primary school children at Saiyoke District, Kanchanaburi	Assist. Prof. Varee Wongchotikul

Ph.D (Trop. Med.) 2nd year students

Department	Name	Title of Thesis	Advisor
Medical Entomology	Mr. Norong Nitatpattana	Risk of Japanese encephalitis virus domestic transmission in Thailand: virological and entomological approach	Assoc.Prof. Chamnarn Apiwathnasorn
Microbiology and Immunology	Miss Piyada Wongroongsarb	Molecular characterization of <i>Leptospira</i> isolates in Thailand	Dr. Thareerat Kalambaheti

Ph.D (Trop. Med.) 3rd year students

Department	Name	Title of Thesis	Advisor
Tropical Nutrition and Food science	Miss Siriporn Chanchay	Resistin and insulin in type II diabetes mellitus obese Thais	Assoc.Prof.Rungsun Tungtrongchitr
Tropical Medicine	Miss Pannapa Susomboon	Studying endothelial cell activation following <i>Plasmodium falciparum</i> infection erythrocyte binding <i>in vitro</i>	Prof. Sornchai Looareesuwan
Helminthology	Mrs. Dounggrat Riyong	Comparison of <i>Dirofilaria immitis</i> antigens for serodiagnosis of Bancroftian filariasis	Assoc.Prof. Jitra Waikagul
Tropical Nutrition and Food science	Mr. Surapon Tangvorasittichai	Mutagenicity and antimutagenicity of fractions of some plant extracts and their molecular formulas	Assoc.Prof. Supranee Changbumrung
Tropical Nutrition and Food science	Miss Sunanta Chariyalertsuk	Determination of genetic alterations in cholangiocarcinoma using arbitrarily primed polymerase chain reaction and gene cloning	Assoc.Prof. Songsak Petmitr
Tropical Hygiene	Dr. Sompong Srisaenpang	Burden and trend of infectious tuberculosis patients, their treatment outcomes and the associated factors for treatment success at Khon Kaen Medical School, 1997-2001	Assoc.Prof. Pratap Singhasivanon
Microbiology and Immunology	Miss Piyatida Tangteerawatana	Cytokine gene polymorphisms in severe malaria	Prof. Srisin Khusmith
Tropical Nutrition and Food Science	Mrs. Sirimon Chaikate	Serum C reactive protein, interleukin-6, tumour necrosis factor- α , lipid profiles and anthropometric assessment in overweight Thais and healthy controls	Assoc.Prof. Supranee Changbumrung
Medical Entomology	Miss Sirima Kitvatanachai	Laboratory determination of lead toxicity in <i>Culex quinquefasciatus</i>	Assoc.Prof. Chamnarn Apiwathanasorn

Ph.D (Trop. Med.) 3rd year students (Continued)

Department	Name	Title of Thesis	Advisor
Microbiology and Immunology	Mrs. Panita Gosi	Gene polymorphic analysis of <i>Plasmodium vivax</i> buffy binding protein of Thai isolates and their functional capacity in B and T cell activation	Prof. Srisin Khusmith
Medical Entomology	Miss Pruksa Nawtaisong	Analysis of ribozyme strategies for suppression of dengue virus in transgenic " <i>Aedes albopictus</i> "	Assist.Prof. Narumon Komalamisra

Ph.D. (Trop.Med.) 4th year students

Department	Name	Title of Thesis	Advisor
Microbiology and Immunology	Miss Petchara Tussana	Serogrouping of <i>Leptospira</i> spp. by DNA technology	Assist.Prof. Thareerat Kalambaheti
Microbiology and Immunology	Mr. Rongdej Tungtrakanpoung	Leptospirosis vaccine designed using T7 phage display technique	Assist. Prof. Pongrama Ramasoota
Helminthology	Mrs. Tippayarat Yoonuan	<i>Paragonimus mexicanus</i> and its difference from some Asian species	Assoc. Prof. Jitra Waikagul
Tropical Nutrition & Food Science	Mr. Tanett Pakeetoot	Identification of genetic alterations in breast cancer by arbitrarily primed polymerase chain reaction and gene cloning	Assoc. Prof. Songsak Petmitr
Social and Environmental Medicine	Mr. Songpol Tornee	Tuberculosis infection among household contacts under 15 years old in Bangkok, Thailand	Assist. Prof. Jaranit Kaewkungwal
Microbiology and Immunology	Miss Sirichit Wongkamchai	Development of immunodiagnostic assay for Brugian filariasis	Prof. Wanpen Chaicumpa
Microbiology and Immunology	Miss Chutima Kamkhaek	Analysis of sequence polymorphism of T-cell epitope regions, Th 2R and Th 3, on <i>Plasmodium falciparum</i> circumsporozoite proteins in Thai isolates	Prof. Srisin Khusmith

Ph.D. (Trop.Med.) 5th year students

Department	Name	Title of Thesis	Advisor
Microbiology and Immunology	Miss Nantika Panutdaporn	Genotypic and phenotypic analysis of clinical and environmental Shiga toxin producing <i>Escherichia coli</i> (STEC) to identify pathogenic clones and their pathogenic mechanism	Prof. Wanpen Chaicumpa

Ph.D. (Trop.Med.) 5th year students (Continued)

Department	Name	Title of Thesis	Advisor
Protozoology	Mrs. Prapa Nunthawarasilp	Purification and characterization of DNA polymerase b from <i>Plasmodium falciparum</i>	Assoc. Prof. Porntip Petmitr
Microbiology and Immunology	Mr. Piyanan Taweethavonsawat	Development of specific serological test(s) for diagnosis of strongyloidiasis and genetic variation of <i>Strongyloides stercoralis</i> Thailand isolates	Prof. Wanpen Chaicumpa
Microbiology and Immunology	Miss Pornphan Diraphat	Production of recombinant cockroach allergens	Prof. Wanpen Chaicumpa
Protozoology	Miss Pattra Suntornthiticharoen	Purification and characterization of DNA helicase from <i>Plasmodium falciparum</i>	Assoc. Prof. Porntip Petmitr
Tropical Nutrition & Food Science	Mr. Yuttana Sudjaroen	The isolation and characterization of phenolic antioxidants (potential cancer chemopreventive agents) in by-products of tropical fruits from Thailand	Assoc. Prof. Supranee Changbumrung
Microbiology and Immunology	Mrs. Ratee Leelawongtawon	Role of liposome and bacterial CpG DNA in immune response to oral cholera vaccine	Prof. Wanpen Chaicumpa
Clinical Tropical Medicine	Miss Waraphon Phimpraphi	Host genetic susceptibility to clinical malaria	Prof. Sornchai Looareesuwan
Medical Entomology	Miss Walairut Tuntaprasart	Study on critical indices of <i>Aedes aegypti</i> correlated to transmission of dengue viruses	Assoc. Prof. Somjai Leemingsawat
Tropical Pathology	Mrs. Oranan Prommano	A quantitative ultrastructural study of the pathology of falciparum malaria in human heart, lung, liver and spleen	Assoc. Prof. Emsri Pongponratn
Tropical Hygiene	Mr. Rajendra Kumar	Epidemiological pattern in relation to gender difference in leprosy case detection, and case holding with treatment compliance in the top hyper-endemic district of Nepal	Assoc. Prof. Pratap Singhasivanon
Tropical Nutrition & Food Science	Miss Panee Chaksangchaichot	Identification of genetic alterations in colon cancer by arbitrarily primed polymerase chain reaction and gene cloning	Assoc. Prof. Songsak Petmitr

Ph.D. (Trop.Med.) 6th year students

Department	Name	Title of Thesis	Advisor
Social and Environmental Medicine	Mrs. Kleebkaew Pitasawad	Environmental health model of pesticide utilization for sustainable agriculture in Donka Subdistrict, Bang Pae District, Ratchaburi Province	Assoc. Prof. Piyarat Butraporn
Social and Environmental Medicine	Mrs. Prapin Tharnpoophasiam	Simultaneous determination of T, T-muonic acid and S-phenyl mercapturic acid and its application in monitoring of occupational benzene exposure	Prof. Dwip Kitayaporn
Medical Entomology	Miss Pungasem Paeporn	Temephos resistance in <i>Aedes aegypti</i> and its significance to the mechanism and dengue infection	Assist. Prof. Narumol Komalamisra
Social and Environmental Medicine	Mrs. Yupadee Sirisinsuk	Access and patterns of health service utilization among insured persons under the Social Security Act, 1990	Assoc. Prof. Wijitr Fungladda
Tropical Nutrition & Food Science	Miss Wanida Pongstaporn	Identification of genetic alterations in ovarian cancer by arbitrarily primed polymerase chain reaction and gene cloning	Assoc. Prof. Songsak Petmitr
Tropical Hygiene	Miss Sawanee Tengrungsun	Survival analysis of Thai adult AIDS patients in the tertiary care hospital, Thailand	Assoc. Prof. Pratap Singhasivanon
Medical Entomology	Miss Yuwadee Trongtokit	Promising insecticidal activity of Thai phytochemical plants for control of mosquito vectors of diseases	Assist. Prof. Narumol Komalamisra

Ph.D (Trop.Med) 8th year students

Department	Name	Title of Thesis	Advisor
Social and Environmental Medicine	Mr. Ruangyuth Chaiworaporn	Studies on <i>Schistosoma spindale</i> Montgomery, 1906: the effects of antiparasitic drugs on <i>Schistosoma spindale</i> in mice and the resistance to reinfection after treatment	Assoc. Prof. Yaowapa Maneerat

Ph.D. (Clin.Trop.Med.)

Department	Name	Title of Thesis	Advisor
Clinical Tropical Medicine	Dr. Yoshinari Moriyama	The clinical relevances of cytokines on severe malaria patients and effects of prostaglandin derivatives	Prof. Polrat Wilairatana