

Curriculum Vitae

Name: Chantana Mekseepralard

Academic position: Associate Professor

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Education:

2002: Ph.D. (Microbiology), The University of Newcastle upon Tyne, England.

1989: M.Sc. (Medical Microbiology), Chulalongkorn University, Bangkok, Thailand.

1983: B.Sc. (Medical Technology), Mahidol University, Bangkok, Thailand.

Working experience:

2012-present: Associate Professor of Microbiology, Department of Microbiology, Faculty of Medicine, Srinakharinwirot University, Bangkok, Thailand.

1997-2012: Assistant Professor of Microbiology, Department of Microbiology, Faculty of Medicine, Srinakharinwirot University, Bangkok, Thailand.

1990-1996: Lecturer, Department of Microbiology, Faculty of Medicine, Srinakharinwirot University, Bangkok, Thailand.

Scholarship/ Fellowship:

1. The Royal Thai Government Scholarship for Ph.D. Programme in Microbiology, 1997-2002.
2. Visiting Scientist, Department of Microbiology and Immunology, The Medical School, University of Newcastle upon Tyne, England, 5 April 2004 – 22 May 2004.
3. Biosensors Short Training Course, Silsoe campus of Cranfield University, England, 4 - 8 April 2005.

Experienced/Skill: Molecular Biology
Western blotting
Antimicrobial activity

Publications:

1. Roongruangchai K, Mekseepralard C, Pumeechockchai W, Thanomsub B, Bureerug T, Tripinyopap N, Utrarachkij S. Survey on gastro-intestinal tract infection of the personnel involved with food in the canteen of Srinakharinwirot University, Prasarnmit campus. Srinakharinwirot R&D Journal. 1994;7(3):8-15.
2. Santiwatanakul S, Mekseepralard C, Sawatpunyachote W, Susasin S. Modified GC medium for identification of Group B Streptococci. J Med Assoc Thai. 2005;88(suppl 1):S1-4.
3. Mekseepralard C, Toms GL, Routledge EG. Protection of mice against Human respiratory syncytial virus by wild-type and aglycosyl mouse-human chimaeric IgG antibodies to subgroup-conserved epitopes on the G glycoprotein. J Gen Virol. 2006;87:1267-73.
4. Mekseepralard C, Boriboonkaset S, Kamkaen N. Screening of antimicrobial activity of *Kaempferia galanga* and *Quercus infectoria* against eight reference strain microorganisms. (Abstract) Planta Med. 2007;73: 866.
5. Mekseepralard C, Poonpon P, Kamkaen N. Antibacterial activities of *Coptis chinensis* and *Glycyrrhiza glabra* against seven bacteria associated with human gastrointestinal infections. (Abstract) Planta Med. 2007;73:867.

6. Busarakumtragul P, Daengwilai N, Turagitwannagran W, Mekseepralard C. Effect of acute submaximal aerobic exercise on serum brain derived neurotrophic factor protein and verbal short term memory in Thai male sedentary non-medical students. *Thai J Physiol Sci.* 2009;21(2):63-7.
7. Laosrisin N, Thongsiri C, Sirisoontorn I, Mekseepralard C. Level of osteoprotegerin in GCF after using essential oil solution as coolant during piezoelectric ultrasonic root debridement. *Thai J Periodont.* 2009;1:37-48.
8. Mekseepralard C, Kamkaen N, Wilkinson JM. Antimicrobial and antioxidant activities of traditional Thai herbal remedies for aphthous ulcers. *Phytother Res.* 2010;24(10):1514-9.
9. Busarakumtragul P, Mekseepralard C, Sukhumsirichart W, Neruntarat C. Effects of obstructive sleep apnea on serum brain derived neurotrophic factor protein, cortisol, and lipid levels. *Sleep and Breathing* 2010; published Online First 24 September 2010, DOI: 10.1007/s11325-010-0415-7.
10. Chaidee D, Matsathit U, Mekseepralard C, Chonmaitree P, Ratanachamnong P, Wattanasirichaigoon S, Phivthongngam L. Effects of steam aerosolization on heat shock protein 70 expression in rats. *Thai J Pharmacol.* 2012;34(1):106-12.
11. Turakitwanakan W, Mekseepralard C, Busarakumtragul. Effects of mindfulness meditation on serum cortisol of medical students. *J Med Assoc Thai.* 2013;96 (Suppl.1):S90-S95.
12. Seesom W, Jaratrungtawee A, Suksamran S, Mekseepralard C, Ratananukul, Sukhumsirichart W. Antileptospiral activity of xanthenes from *Garcinia mangostana* and synergy of gamma-mangosteen with penicillin G. *BMC Complementary & Alternative Medicine.* 2013;13:182-7.

Poster Presentations:

1. The importance of Fc-region glycosylation in the protective effect of a human IgG1 chimaeric anti-RS virus monoclonal antibody. The Tenth International Conference on Human Antibodies & Hybridomas; 2003 Oct 8-10; Osaka, Japan.
2. Screening of antimicrobial activity of *Kaempferia galanga* and *Quercus infectoria* against eight reference strain microorganisms. The 55th International Congress & Annual Meeting of the Society for Medicinal Plant research; 2007 Sep 2-6; Graz, Austria.
3. Antibacterial activities of *Coptis chinensis* and *Glycyrrhiza glabra* against seven bacterial associated with human gastrointestinal infections. The 55th International Congress & Annual Meeting of the Society for Medicinal Plant research; 2007 Sep 2-6; Graz, Austria.
4. Effects of *Moringa Oleifera* Lam. on atherosclerotic development in hypercholesterolemic rabbits. The 10th Congress of the European Association for Clinical Pharmacology and Therapeutics; 2011 Jun 26-29; Budapest, Hungary.
5. Steam aerosolization improved vasoconstriction response in lipopolysaccharide-induced septic rats. The 10th Congress of the European Association for Clinical Pharmacology and Therapeutics; 2011 Jun 26-29; Budapest, Hungary.
6. Effect of stem aerosolization on heat shock protein expression in rats. The 10th Congress of the European Association for Clinical Pharmacology and Therapeutics; 2011 Jun 26-29; Budapest, Hungary.
7. Susceptibility of leptospira to xanthenes and synergistic effects with antibiotics. The 11th Congress of the European Association for Clinical Pharmacology and Therapeutics; 2013 Aug 28-31; Geneva, Switzerland.

Oral Presentations: -

Awards: -

Research of interest: Production and genetic engineering of monoclonal antibodies for diagnostic and therapeutic applications

- Antigenic analysis using immunoblotting
- Detection of antimicrobial activity

- Phage antibody display

Proceedings and Books: -

Patent of research invention

1. Toms GL, Routledge EG, Meksepralard C. Antibody. Application number PCT/GB 2004/001239. Filing date 22/03/2004.