

## CURRICULUM VITAE



**NAME** PRATAP SINGHASIVANON

**DATE OF BIRTH** December 12, 1953

**POSITION** Dean, Faculty of Tropical Medicine, Mahidol University  
Director, SEAMEO TROPMED Regional Centre for Tropical Medicine (TROPMED/Thailand)  
Secretary General/ Coordinator of SEAMEO TROPMED Network

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### ACADEMIC AND PROFESSIONAL QUALIFICATIONS

1980 M.B.B.S., Kasturba Medical College, Manipal, Mangalore, India

1982 D.T.M. & H., Bangkok School of Tropical Medicine, Mahidol University, Bangkok

1985 M.P.H., Harvard School of Public Health, Harvard University, Boston, USA

1991 Dr.P.H., School of Public Health, Department of Epidemiology, The University of Michigan, Ann Arbor, USA

### RESEARCH TRAINING AND APPOINTMENTS

1981-1982 Intern, Siriraj Hospital, Mahidol University

1982-1983 Medical Staff, Hospital for Tropical Diseases, Faculty of Tropical Medicine, Mahidol University

1983-1992 Lecturer, Department of Tropical Hygiene, Faculty of Tropical Medicine, Mahidol University

1991-1993 Deputy Head, Department of Tropical Hygiene, Faculty of Tropical Medicine, Mahidol University

1992-2001 Assistant Professor, Department of Tropical Hygiene, Faculty of Tropical Medicine, Mahidol University

Oct 1993-2001 Head, Department of Tropical Hygiene, Faculty of Tropical Medicine, Mahidol University

Oct 1997-2010 Director, Vaccine Trial Centre, Faculty of Tropical Medicine, Mahidol University

Sep 2001-Present Associate Professor, Department of Tropical Hygiene, Faculty of Tropical Medicine, Mahidol University

2001-2002	Deputy Dean for Policy and Development, Faculty of Tropical Medicine, Mahidol University
Dec 2002-2004	Deputy Dean for International Relations and Information Technology, Faculty of Tropical Medicine, Mahidol University
Dec 2002-2004	Deputy Director, SEAMEO TROPMED Thailand
Oct 2004-2012	Director, SEAMEO TROPMED Regional Centre for Tropical Medicine (TROPMED/Thailand)
Oct 2004-2012	Dean, Faculty of Tropical Medicine, Mahidol University
Oct 2007-Present	Secretary General/ Coordinator of SEAMEO TROPMED Network
Oct 2016- Present	Dean, Faculty of Tropical Medicine, Mahidol University
Oct 2016- Present	Director, SEAMEO TROPMED Regional Centre for Tropical Medicine (TROPMED/Thailand)
May 2016-Present	Technical Advisory Group (TAG) of Asia Pacific Strategy for Emerging Diseases (APSED)
May 2016-Present	Thailand-ROK Advisory Group on Science, Technology and Innovation (STI)

## **AWARDS**

1982	SEAMEO TROPMED Fellowship for training in Diploma in Tropical Medicine and Hygiene
1984-1986	UNDP/World/Bank./WHO Special Program for Research
1990-1991	Training in Tropical Diseases Grant for Doctoral Program in Epidemiology
1999	Mahidol University's Outstanding Lecturer Award
2004	SEAMEO Outstanding Service Awards in appreciation of the achievement and dedication to work for the Southeast Asian Ministers of Education Organization
2013	The National Award for Outstanding Preventive Medicine Physician
2015	Mahidol University Awards for 2014 for their teaching
2018	The National Award for Outstanding Preventive Medicine Physician

## **MEMBERSHIPS**

1991-2004	Member of the Committee of Graduate Studies of M.Sc. & Ph.D. (Trop.Med.) Programme, Faculty of Tropical Medicine
1992-2004	Member of the Committee of Graduate Studies of D.T.M.&H. Programme, Faculty of Tropical Medicine
1993-2004	Member and Secretary of the Steering Committee on Asian Short Course in Tropical Epidemiology

1992-2009	Course director of the Epidemiology Programme for Master of Primary Health Care and Management, Faculty of Graduate Studies
1993-2009	Course director of the SEAMEO Short Courses in Epidemiology for Participants from Indochina Countries
1994-2004	Chairman of the Committee of M.Sc. Programme in Medical Epidemiology, Faculty of Graduate Studies, Mahidol University
1994-2009	Member of the Committee of Ph.D. Programme in Clinical Epidemiology, Faculty of Graduate Studies
December 1994	Course director of the SEAMEO-France Short Course in Border Malaria for Participants from Indochina and China
November 1997	Organizer of the SEAMEO-France Short Course in Geographical Information System
August 1998	Course director of the WHO/TDR Regional Workshop on Design, Conduct and Reporting of Clinical Trials in Asia
June 2002	Course Director, Application of GIS in Public Health for Cambodia, Lao PDR and Vietnam (supported by EU-RMCP)
June 2004	Course Director, Partnership Building for Healthy Borders for Mekong Countries and Bangladesh (supported by DTEC)
August 2003	WHO Temporary Advisors on Malaria and GIS
2006-2009	Member of the PDVI (Pediatric Dengue Vaccine Initiative) Board of Counselors
2006-Present	Member of Asia-Pacific Dengue Prevention Board
2012-present	Chairman, Committee of M.Sc. Programme in Biomedical and Health Informatics, Faculty of Tropical Medicine, Mahidol University
2012-present	Executive Member, SEAOHUN (RESPOND/USAID-supported "One Health" Network in Southeast Asia)
2013-Present	Chair, WHO SEARO'S MALARIA RTAG

## **PUBLIC SERVICES**

Programme Director of the Funds for Tropical Diseases chaired by Her Royal Highness Princess Galyani Vadhana

## **RESEARCH ACTIVITY AND INTEREST**

Epidemiology of Tropical Diseases / Data Processing and Computer Utilization in Medical Researches / Application of GIS in Monitoring Multi-drug Resistant Malaria in Greater Mekong Sub-Region of Southeast Asia

## PUBLICATIONS

1. von Seidlein L, Peto TJ, Landier J, Nguyen TN, Tripura R, Phommasone K, Pongvongsa T, Lwin KM, Keereecharoen L, Kajeechiwa L, Thwin MM, Parker DM, Wiladphaingern J, Nosten S, Proux S, Corbel V, Tuong-Vy N, Phuc-Nhi TL, Son DH, Huong-Thu PN, Tuyen NTK, Tien NT, Dong LT, Hue DV, Quang HH, Nguon C, Davoeung C, Rekol H, Adhikari B, Henriques G, Phongmany P, Suangkanarat P, Jeeyapant A, Vihokhern B, van der Pluijm RW, Lubell Y, White LJ, Aguas R, Promnarate C, Sirithiranont P, Malleret B, Rénia L, Onsjö C, Chan XH, Chalk J, Miotto O, Patumrat K, Chotivanich K, Hanboonkunupakarn B, Jittmala P, Kaehler N, Cheah PY, Pell C, Dhorda M, Imwong M, Snounou G, Mukaka M, Peerawaranun P, Lee SJ, Simpson JA, Pukrittayakamee S, **Singhasivanon P**, Grobusch MP, Cobelens F, Smithuis F, Newton PN, Thwaites GE, Day NPJ, Mayxay M, Hien TT, Nosten FH, Dondorp AM, White NJ. The impact of targeted malaria elimination with mass drug administrations on *falciparum malaria* in Southeast Asia: A cluster randomised trial. *PLoS Med.* 2019 Feb 15;16(2):e1002745. doi: 10.1371/journal.pmed.1002745.
2. Opasawatchai A, Amornsupawat P, Jiravejchakul N, Chan-In W, Spoerk NJ, Manopwisedjaroen K, **Singhasivanon P**, Yingtaweesak T, Suraamornkul S, Mongkolsapaya J, Sakuntabhai A, Matangkasombut P, Loison F. Neutrophil Activation and Early Features of NET Formation Are Associated With Dengue Virus Infection in Human. *Front Immunol.* 2019 Jan 11;9:3007. doi: 10.3389/fimmu.2018.03007.
3. Pongvongsa T, Phommasone K, Adhikari B, Henriques G, Chotivanich K, Hanboonkunupakarn B, Mukaka M, Peerawaranun P, von Seidlein L, Day NPJ, White NJ, Dondorp AM, Imwong M, Newton PN, **Singhasivanon P**, Mayxay M, Pukrittayakamee S. The dynamic of asymptomatic *Plasmodium falciparum* infections following mass drug administrations with dihydroartemisinin-piperazine plus a single low dose of primaquine in Savannakhet Province, Laos. *Malar J.* 2018 Nov 3;17(1):405. doi: 10.1186/s12936-018-2541-9.
4. Metcalf T, Soria J, Montano SM, Ticona E, Evans CA, Huaroto L, Kasper M, Ramos ES, Mori N, Jittamala P, Chotivanich K, Chavez IF, **Singhasivanon P**, Pukrittayakamee S, Zunt JR. Evaluation of the GeneXpert MTB/RIF in patients with presumptive tuberculous meningitis. *PLoS One.* 2018 Jun 18;13(6):e0198695. doi:10.1371/journal.pone.0198695. eCollection 2018.
5. Yamin F, Kaewkungwal J, **Singhasivanon P**, Lawpoolsri S. Women's Perceptions of Using Mobile Phones for Maternal and Child Health Support in Afghanistan: Cross-Sectional Survey. *JMIR Mhealth Uhealth.* 2018 Apr 10;6(4):e76. doi:10.2196/mhealth.9504.
6. Gilder ME, Hanpithakphong W, Hoglund RM, Tarning J, Win HH, Hilda N, Chu CS, Bancone G, Carrara VI, **Singhasivanon P**, White NJ, Nosten F, McGready R. Primaquine Pharmacokinetics in Lactating Women and Breastfed Infant Exposures. *Clin Infect Dis.* 2018 Sep 14;67(7):1000-1007. doi: 10.1093/cid/ciy235.
7. Haddawy P, Hasan AHMI, Kasantikul R, Lawpoolsri S, Sa-Angchai P, Kaewkungwal J, **Singhasivanon P**. Spatiotemporal Bayesian networks for malaria prediction. *Artif Intell Med.* 2018 Jan;84:127-138. doi: 10.1016/j.artmed.2017.12.002.
8. Nguitragool W, Mueller I, Kumpitak C, Saeseu T, Bantuchai S, Yorsaeng R, Yimsamran S, Maneeboonyang W, Sa-Angchai P, Chaimungkun W, Rukmanee P, Puangsa-Art S, Thanyavanich N, Koepfli C, Felger I, Sattabongkot J, **Singhasivanon P**. Very high carriage of gametocytes in asymptomatic low-density *Plasmodium falciparum* and *P. vivax* infections in western Thailand. *Parasit Vectors.* 2017 Oct 24;10(1):512. doi: 10.1186/s13071-017-2407-y.
9. Panda S, Swaminathan S, Hyder KA, Christophel EM, Pendse RN, Sreenivas AN, Laksono SJ, Srivastava R, Nair GB, Aditama TY, **Singhasivanon P**, Thapa AB, Sarkar SK. Drug resistance in malaria, tuberculosis, and HIV in South East Asia: biology, programme, and policy considerations. *BMJ.* 2017 Sep 5;358:j3545. doi:10.1136/bmj.j3545.
10. Busby GB, Band G, Si Le Q, Jallow M, Bougama E, Mangano VD, Amenga-Etego LN, Enimil A, Apinjoh T, Ndila CM, Manjurano A, Nyirongo V, Doumba O, Rockett KA, Kwiatkowski DP,

Spencer CC; **Malaria Genomic Epidemiology Network**. Admixture into and within sub-Saharan Africa. *Elife*. 2016 Jun 21;5. pii: e15266. doi:10.7554/eLife.15266.

11. Canavati SE, Lawpoolsri S, Quintero CE, Nguon C, Ly P, Pukrittayakamee S, Sintasath D, **Singhasivanon P**, Peeters Grietens K, Whittaker MA. Village malaria worker performance key to the elimination of artemisinin-resistant malaria: a Western Cambodia health system assessment. *Malar J*. 2016 May 20;15(1):282. doi: 10.1186/s12936-016-1322-6.
12. Kosoltanapiwat N, Yindee M, Chavez IF, Leungwutiwong P, Adisakwattana P, **Singhasivanon P**, Thawornkuno C, Thippornchai N, Rungruengkitkun A, Soontorn J, Pearsiriwuttipong S. Genetic variations in regions of bovine and bovine-like enteroviral 5'UTR from cattle, Indian bison and goat feces. *Virology*. 2016 Jan 25;13(1):13. doi: 10.1186/s12985-016-0468-8.
13. Imwong M, Stepniewska K, Tripura R, Peto TJ, Lwin KM, Vihokhern B, Wongsan K, von Seidlein L, Dhorda M, Snounou G, Keereecharoen L, **Singhasivanon P**, Sirithiranont P, Chalk J, Nguon C, Day NP, Nosten F, Dondorp A, White NJ. Numerical Distributions of Parasite Densities During Asymptomatic Malaria. *J Infect Dis*. 2015 Dec 17. pii: jiv596.
14. Van Bruggen R, Gualtieri C, Iliescu A, Louicharoen Cheepsunthorn C, Mungkalasut P, Trape JF, Modiano D, Sodiomon Sirima B, **Singhasivanon P**, Lathrop M, Sakuntabhai A, Bureau JF, Gros P. Modulation of Malaria Phenotypes by Pyruvate Kinase (PKLR) Variants in a Thai Population. *PLoS One*. 2015 Dec 14;10(12):e0144555. doi: 10.1371/journal.pone.0144555. eCollection 2015.
15. White LJ, Lee SJ, Stepniewska K, Simpson JA, Dwell SL, Arunjerdja R, **Singhasivanon P**, White NJ, Nosten F, McGready R. Correction to 'Estimation of gestational age from fundal height: a solution for resource-poor settings'. *J R Soc Interface*. 2015 Dec 6;12(113). pii: 20150978. doi: 10.1098/rsif.2015.0978.
16. Marahatta SB, Adhikari B, Mishra SR, Raut S, Ramasoota P, Malla P, Kaewkungwal J, **Singhasivanon P**. Association of Previous Smoking Habit and Perceived Social Discrimination with the Risk of Multi-Drug Resistant Tuberculosis in Central Nepal. *J Nepal Health Res Council*. 2015 Jan-Apr;13(29):95-101.
17. Imwong M, Nguyen TN, Tripura R, Peto TJ, Lee SJ, Lwin KM, Suangkanarat P, Jeeyapant A, Vihokhern B, Wongsan K, Van Hue D, Dong le T, Nguyen TU, Lubell Y, von Seidlein L, Dhorda M, Promnarate C, Snounou G, Malleret B, Rénia L, Keereecharoen L, **Singhasivanon P**, Sirithiranont P, Chalk J, Nguon C, Hien TT, Day N, White NJ, Dondorp A, Nosten F. The epidemiology of subclinical malaria infections in South-East Asia: findings from cross-sectional surveys in Thailand-Myanmar border areas, Cambodia, and Vietnam. *Malar J*. 2015 Sep 30;14:381. doi: 10.1186/s12936-015-0906-x.
18. Suwanpakdee S, Kaewkungwal J, White LJ, Asensio N, Ratanakorn P, **Singhasivanon P**, Day NP, Pan-Ngum W. Spatio-temporal patterns of leptospirosis in Thailand: is flooding a risk factor? *Epidemiol Infect*. 2015 Mar 17:1-10.
19. Chantratita N, Tandhavanant S, Myers ND, Chierakul W, Robertson JD, Mahavanakul W, **Singhasivanon P**, Emond MJ, Peacock SJ, West TE. Screen of whole blood responses to flagellin identifies TLR5 variation associated with outcome in melioidosis. *Genes Immun*. 2014 Mar;15(2):63-71.
20. Monyarit S, Pan-ngum W, Lawpoolsri S, Yimsamran S, Pongnumkul S, Kaewkungwal J, **Singhasivanon P**. Advantages of using voiced questionnaire and image capture application for data collection from a minority group in rural areas along the Thailand-Myanmar border. *Inform Prim Care*. 2014;21(4):179-88.
21. Charusabha C, Thongpakdee K, Rakmanee N, **Singhasivanon P**, Lawpoolsri S. Major health problems of expressway workers in Thailand: an 8-year cohort study. *J Med Assoc Thai*. 2014 Feb;97(2):241-9.
22. Lawpoolsri S, Khamsiriwatchara A, Liulark W, Taweeseeneepitch K, Sangvichean A, Thongprarong W, Kaewkungwal J, **Singhasivanon P**. Real-time monitoring of school

absenteeism to enhance disease surveillance: a pilot study of a mobile electronic reporting system. *JMIR Mhealth Uhealth*. 2014 May 12;2(2):e22.

23. McGready R, Prakash JA, Benjamin SJ, Watthanaworawit W, Anantatat T, Tanganuchitcharnchai A, Ling CL, Tan SO, Ashley EA, Pimanpanarak M, Blacksell SD, Day NP, **Singhasivanon P**, White NJ, Nosten F, Paris DH. Pregnancy outcome in relation to treatment of murine typhus and scrub typhus infection: a fever cohort and a case series analysis. *PLoS Negl Trop Dis*. 2014 Nov 20;8(11):e3327.
24. Sasayama M, Benjathummarak S, Kawashita N, Rukmanee P, Sangmukdanun S, Masrinoul P, Pitaksajakul P, Puiptom O, Wuthisen P, Kurosu T, Chaichana P, Maneekan P, Ikuta K, Ramasoota P, Okabayashi T, **Singhasivanon P**, Luplertlop N. Chikungunya virus was isolated in Thailand, 2010. *Virus Genes*. 2014 Dec;49(3):485-9.
25. Carrara VI, Lwin KM, Phyo AP, Ashley E, Wiladphaingern J, Sriprawat K, Rijken M, Boel M, McGready R, Proux S, Chu C, **Singhasivanon P**, White N, Nosten F. Malaria burden and artemisinin resistance in the mobile and migrant population on the Thai-Myanmar border, 1999-2011: an observational study. *PLoS Med*. 2013;10(3):e1001398.
26. Boel ME, Rijken MJ, Leenstra T, Phyo AP, Pimanpanarak M, Keereecharoen NL, Proux S, Laochan N, Imwong M, **Singhasivanon P**, White NJ, McGready R, Nosten FH. Malaria in the post-partum period; a prospective cohort study. *PLoS One*. 2013;8(3):e57890.
27. Douglas NM, Simpson JA, Phyo AP, Siswantoro H, Hasugian AR, Kenangalem E, Poespoprodjo JR, **Singhasivanon P**, Anstey NM, White NJ, Tjitra E, Nosten F, Price RN. Gametocyte dynamics and the role of drugs in reducing the transmission potential of *Plasmodium vivax*. *J Infect Dis*. 2013 Sep 1;208(5):801-12.
28. Thaipadungpanit J, Wuthiekanun V, Chantratita N, Yimsamran S, Amornchai P, Boonsilp S, Maneeboonyang W, Tharnpoophasiam P, Saiprom N, Mahakunkijcharoen Y, Day NP, **Singhasivanon P**, Peacock SJ, Limmathurotsakul D. *Leptospira* species in floodwater during the 2011 floods in the Bangkok Metropolitan Region, Thailand. *Am J Trop Med Hyg*. 2013 Oct;89(4):794-6.
29. Ngaosuwankul N, Thippornchai N, Yamashita A, Vargas RE, Tunyong W, Mahakunkijchareon Y, Ikuta K, **Singhasivanon P**, Okabayashi T, Leungwutiwong P. Detection and characterization of enteric viruses in flood water from the 2011 Thai flood. *Jpn J Infect Dis*. 2013;66(5):398-403.
30. **Singhasivanon P**. Towards malaria elimination in the Greater Mekong Subregion. *Southeast Asian J Trop Med Public Health*. 2013;44 Suppl 1:iii-iv.
31. Jaenisch T; IDAMS, Sakuntabhai A; DENFREE, Wilder-Smith A; DengueTools. Dengue research funded by the European Commission-scientific strategies of three European dengue research consortia. *PLoS Negl Trop Dis*. 2013 Dec 12;7(12):e2320.
32. Hanvoravongchai P, Chavez I, Rudge JW, Touch S, Putthasri W, Chau PN, Phommasack B, **Singhasivanon P**, Coker R; AsiaFluCap Project Consortium. An analysis of health system resources in relation to pandemic response capacity in the Greater Mekong Subregion. *Int J Health Geogr*. 2012 Dec 14;11:53.
33. Tarning J, Chotsiri P, Jullien V, Rijken MJ, Bergstrand M, Cammas M, McGready R, **Singhasivanon P**, Day NP, White NJ, Nosten F, Lindegardh N. Population pharmacokinetic and pharmacodynamic modeling of amodiaquine and desethylamodiaquine in women with *Plasmodium vivax* malaria during and after pregnancy. *Antimicrob Agents Chemother*. 2012 Nov;56(11):5764-73.
34. Satimai W, Sudathip P, Vijaykadga S, Khamsiriwatchara A, Sawang S, Potithavoranan T, Sangvichean A, Delacollette C, **Singhasivanon P**, Kaewkungwal J, Lawpoolsri S. Artemisinin resistance containment project in Thailand. II: Responses to mefloquine-artesunate combination therapy among *falciparum* malaria patients in provinces bordering Cambodia. *Malar J*. 2012 Aug 28;11:300.

35. Phyo AP, Nkhoma S, Stepniewska K, Ashley EA, Nair S, McGready R, Ier Moo C, Al-Saai S, Dondorp AM, Lwin KM, **Singhasivanon P**, Day NP, White NJ, Anderson TJ, Nosten F. Emergence of artemisinin-resistant malaria on the western border of Thailand: a longitudinal study. *Lancet*. 2012 May 26;379(9830):1960-6.
36. McGready R, Boel M, Rijken MJ, Ashley EA, Cho T, Moo O, Paw MK, Pimanpanarak M, Hkirijareon L, Carrara VI, Lwin KM, Phyo AP, Turner C, Chu CS, van Vugt M, Price RN, Luxemburger C, ter Kuile FO, Tan SO, Proux S, **Singhasivanon P**, White NJ, Nosten FH. Effect of early detection and treatment on malaria related maternal mortality on the north-western border of Thailand 1986-2010. *PLoS One*. 2012;7(7):e40244.
37. Khamsiriwatchara A, Sudathip P, Sawang S, Vijakadge S, Potithavoranan T, Sangvichean A, Satimai W, Delacollette C, **Singhasivanon P**, Lawpoolsri S, Kaewkungwal J. Artemisinin resistance containment project in Thailand. (I): Implementation of electronic-based malaria information system for early case detection and individual case management in provinces along the Thai-Cambodian border. *Malar J*. 2012 Jul 29;11:247.
38. Chotivanich K, Mungthin M, Ruengweerayuth R, Udomsangpetch R, Dondorp AM, **Singhasivanon P**, Pukrittayakamee S, White NJ. The effects of serum lipids on the in vitro activity of lumefantrine and atovaquone against *Plasmodium falciparum*. *Malar J*. 2012 May 28;11:177.
39. McGready R, Phyo AP, Rijken MJ, Tarning J, Lindegardh N, Hanpithakpon W, Than HH, Hlaing N, Zin NT, **Singhasivanon P**, White NJ, Nosten F. Artesunate/dihydroartemisinin pharmacokinetics in acute falciparum malaria in pregnancy: absorption, bioavailability, disposition and disease effects. *Br J Clin Pharmacol*. 2012 Mar;73(3):467-77.
40. White LJ, Lee SJ, Stepniewska K, Simpson JA, Dwell SL, Arunjerdja R, **Singhasivanon P**, White NJ, Nosten F, McGready R. Estimation of gestational age from fundal height: a solution for resource-poor settings. *J R Soc Interface*. 2012 Mar 7;9(68):503-10.
41. Lwin KM, Phyo AP, Tarning J, Hanpithakpong W, Ashley EA, Lee SJ, Cheah P, **Singhasivanon P**, White NJ, Lindegårdh N, Nosten F. Randomized, double-blind, placebo-controlled trial of monthly versus bimonthly dihydroartemisinin-piperaquine chemoprevention in adults at high risk of malaria. *Antimicrob Agents Chemother*. 2012 Mar;56(3):1571-7.
42. McGready R, Lee SJ, Wiladphaingern J, Ashley EA, Rijken MJ, Boel M, Simpson JA, Paw MK, Pimanpanarak M, Mu O, **Singhasivanon P**, White NJ, Nosten FH. Adverse effects of falciparum and vivax malaria and the safety of antimalarial treatment in early pregnancy: a population-based study. *Lancet Infect Dis*. 2012 May;12(5):388-96.
43. Rijken MJ, McGready R, Phyo AP, Lindegardh N, Tarning J, Laochan N, Than HH, Mu O, Win AK, **Singhasivanon P**, White N, Nosten F. Pharmacokinetics of dihydroartemisinin and piperaquine in pregnant and nonpregnant women with uncomplicated falciparum malaria. *Antimicrob Agents Chemother*. 2011 Dec;55(12):5500-6.
44. Phyo AP, Lwin KM, Price RN, Ashley EA, Russell B, Sriprawat K, Lindegardh N, **Singhasivanon P**, White NJ, Nosten F. Dihydroartemisinin-piperaquine versus chloroquine in the treatment of *Plasmodium vivax* malaria in Thailand: a randomized controlled trial. *Clin Infect Dis*. 2011 Nov;53(10):977-84.
45. Shamsuzzaman M, **Singhasivanon P**, Kaewkungwal J, Lawpoolsri S, Tangkijvanich P, Gibbons RV, Rahman M, Alamgir AS, Mahtab MA. Hepatitis B among pregnant women attending health care facilities in rural Bangladesh. *Southeast Asian J Trop Med Public Health*. 2011 Nov;42(6):1410-3.
46. Annerberg A, Lwin KM, Lindegardh N, Khrutsawadchai S, Ashley E, Day NP, **Singhasivanon P**, Tarning J, White NJ, Nosten F. A small amount of fat does not affect piperaquine exposure in patients with malaria. *Antimicrob Agents Chemother*. 2011 Sep;55(9):3971-6.

47. Rijken MJ, McGready R, Jullien V, Tarning J, Lindegardh N, Phyo AP, Win AK, Hsi P, Cammas M, **Singhasivanon P**, White NJ, Nosten F. Pharmacokinetics of amodiaquine and desethylamodiaquine in pregnant and postpartum women with *Plasmodium vivax* malaria. *Antimicrob Agents Chemother*. 2011 Sep;55(9):4338-42.
48. Pukrittayakamee S, Jittamala P, Stepniewska K, Lindegardh N, Chueasuwanchai S, Leowattana W, Phakdeeraj A, Permpunpanich S, Hanpithakpong W, Pan-Ngum W, Fukuda C, Panapipat S, **Singhasivanon P**, White NJ, Day NP. An open-label crossover study to evaluate potential pharmacokinetic interactions between oral oseltamivir and intravenous zanamivir in healthy Thai adults. *Antimicrob Agents Chemother*. 2011 Sep;55(9):4050-7.
49. Myint NW, Kaewkungwal J, **Singhasivanon P**, Chaisiri K, Ponpet P, Siriwan P, Mallik AK, Thet KW. Community awareness and perceptions of health sector preparedness and response to Cyclone Nargis. *Southeast Asian J Trop Med Public Health*. 2011 Jul;42(4):1014-21.
50. Lindegardh N, Hanpithakpong W, Kamanikom B, Pattayaso J, **Singhasivanon P**, White NJ, Day NP. Quantification of dihydroartemisinin, artesunate and artemisinin in human blood: overcoming the technical challenge of protecting the peroxide bridge. *Bioanalysis*. 2011 Jul;3(14):1613-24.
51. Myint NW, Kaewkungwal J, **Singhasivanon P**, Chaisiri K, Panjapiyakul P, Siriwan P, Mallik AK, Nyein SL, Mu TT. Are there any changes in burden and management of communicable diseases in areas affected by Cyclone Nargis? *Confl Health*. 2011 Jun 28;5(1):9.
52. Rijken MJ, Boel ME, Russell B, Imwong M, Leimanis ML, Phyo AP, Muehlenbachs A, Lindegardh N, McGready R, Rénia L, Snounou G, **Singhasivanon P**, Nosten F. Chloroquine resistant vivax malaria in a pregnant woman on the western border of Thailand. *Malar J*. 2011 May 5;10:113.
53. Eyoer PC, **Singhasivanon P**, Kaewkungwal J, Apisarnthanarak A. Human avian influenza in Indonesia: are they really clustered? *Southeast Asian J Trop Med Public Health*. 2011 May;42(3):583-95.
54. Wangdi K, Kaewkungwal J, **Singhasivanon P**, Silawan T, Lawpoolsri S, White NJ. Spatio-temporal patterns of malaria infection in Bhutan: a country embarking on malaria elimination. *Malar J*. 2011 Apr 16;10:89.
55. Douglas NM, Nosten F, Ashley EA, Phaiphun L, van Vugt M, **Singhasivanon P**, White NJ, Price RN. *Plasmodium vivax* recurrence following falciparum and mixed species malaria: risk factors and effect of antimalarial kinetics. *Clin Infect Dis*. 2011 Mar 1;52(5):612-20.
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