

**Publications of Mayfong Mayxay**  
**(Until Jun 14<sup>th</sup> 2024: 259 publications)**

1. Rotejanaprasert C, Malaphone V, [Mayxay M](#), Chindavongsa K, Banouvong V, Khamlome B, Vilay P, Vanisavaeth V, Maude RJ. [Malaria epidemiology, surveillance and response for elimination in Lao PDR](#). *Infect Dis Poverty*. 2024 May 23;13(1):35. doi: 10.1186/s40249-024-01202-7.PMID: 38783374 **Free PMC article**. Review.
2. Citarella BW, Kartsonaki C, Ibáñez-Prada ED, Gonçalves BP, Baruch J, Escher M, Pritchard MG, Wei J, Philippy F, Dagens A, Hall M, Lee J, Kutsogiannis DJ, Wils EJ, Fernandes MA, Tirupakuzhi Vijayaraghavan BK, Panda PK, Martin-Loeches I, Ohshimo S, Fatoni AZ, Horby P, Dunning J, Rello J, Merson L, Rojek A, Vaillant M, Olliaro P, Reyes LF. Characteristics and outcomes of COVID-19 patients admitted to hospital with and without respiratory symptoms. ISARIC Clinical Characterisation Group.Heliyon. 2024 May 4;10(10):e29591. doi: 10.1016/j.heliyon.2024.e29591. eCollection 2024 May 30.PMID: 38779000 **Free PMC article**.
3. Phomsisavath V, Roberts T, Seupsanith A, Robinson MT, Nammaninh P, Chanthavong S, Chansamouth V, Vongsouvath M, Theppangna W, Christensen P, Blacksell SD, [Mayxay M](#), Ashley EA. Investigation of *Escherichia coli* isolates from pigs and humans for colistin resistance in Lao PDR- a cross-sectional study. *One Health*. 2024 Apr 30;18:100745. doi: 10.1016/j.onehlt.2024.100745. eCollection 2024 Jun.PMID: 38725959 **Free PMC article**.
4. Wongnak P, Schilling WHK, Jittamala P, Boyd S, Luvira V, Siripoon T, Ngamprasertchai T, Batty EM, Singh S, Kouhathong J, Pagornrat W, Khanthagan P, Hanboonkunupakarn B, Poovorawan K, [Mayxay M](#), Chotivanich K, Imwong M, Pukrittayakamee S, Ashley EA, Dondorp AM, Day NPJ, Teixeira MM, Piyaphanee W, Phumratanaprapin W, White NJ, Watson JA; PLATCOV Collaborative Group. Temporal changes in SARS-CoV-2 clearance kinetics and the optimal design of antiviral pharmacodynamic studies: an individual patient data meta-analysis of a randomised, controlled, adaptive platform study (PLATCOV). *Lancet Infect Dis*. 2024 Apr 24:S1473-3099(24)00183-X. doi: 10.1016/S1473-3099(24)00183-X. Online ahead of print.PMID: 38677300 **Free article**.
5. WWARN ACT Malaria and Malnutrition Study Group. Does acute malnutrition in young children increase the risk of treatment failure following artemisinin-based combination therapy? A WWARN individual patient data meta-analysis. *Lancet Glob Health*. 2024 Apr;12(4):e631-e640. doi: 10.1016/S2214-109X(24)00003-2.PMID: 38485430 **Free PMC article**.
6. Newton PN, Chesson LA, [Mayxay M](#), Dondorp A, Taberner P, Howa JD, Cerling TE. Forensic investigation of falsified antimalarials using isotope ratio mass spectrometry: a pilot investigation. *Sci Rep*. 2024 Feb 18;14(1):3995. doi: 10.1038/s41598-024-54168-9.PMID: 38369604 **Free PMC article**.
7. GRAM Typhoid Collaborators. Estimating the subnational prevalence of antimicrobial resistant *Salmonella enterica* serovars Typhi and Paratyphi A infections in 75 endemic countries, 1990-2019: a modelling study. *Lancet Glob Health*. 2024 Mar;12(3):e406-e418. doi: 10.1016/S2214-109X(23)00585-5.PMID: 38365414 **Free PMC article**.
8. Chansamouth V, Inlorkham P, Keohavong B, Bellingham K, van Doorn HR, [Mayxay M](#), Newton PN, Turner P, Day NPJ, Ashley EA. [Implementing the WHO AWaRe antibiotic book guidance in lower-resource settings: the case of the Lao PDR](#). *JAC Antimicrob Resist*. 2024 Jan 22;6(1):dlac004. doi: 10.1093/jacamr/dlac004. eCollection 2024 Feb.PMID: 38259905 **Free PMC article**. Review.
9. Liverani M, Phongluxa K, Phommasone K, Chew R, Chandna A, Pongvongsa T, [Mayxay M](#), Kounnavong S, Ashley E, Lubell Y. Prospects for the development of community-based care in remote rural areas: a stakeholder analysis in Laos. *BMC Health Serv Res*. 2024 Jan 11;24(1):55. doi: 10.1186/s12913-023-10523-6.PMID: 38212788 **Free PMC article**.
10. Larkins A, Vannamahaxay S, Puttana V, Chittavong M, Southammavong F, [Mayxay M](#), Boyd D, Bruce M, Ash A. Scaling up One Health: A network analysis in Lao PDR. *One*

11. Fang Y, Li JX, Duangdany D, Li Y, Guo XL, Phamisith C, Yu B, Shen MY, Luo B, Wang YZ, Liu SJ, Zhao FF, Xu CC, Qiu XH, Yan R, Gui YZ, Pei RJ, Wang J, Shen H, Guan WX, Li HW, **Mayxay M**. Safety, immunogenicity, and efficacy of a modified COVID-19 mRNA vaccine, SW-BIC-213, in healthy people aged 18 years and above: a phase 3 double-blinded, randomized, parallel controlled clinical trial in Lao PDR (Laos). *EclinicalMedicine*. 2023 Dec 13;67:102372. doi: 10.1016/j.eclinm.2023.102372. eCollection 2024  
Jan.PMID: 38169790 **Free PMC article.**
12. Camirand-Lemyre F, Merson L, Tirupakuzhi Vijayaraghavan BK, Burrell AJC, Citarella BW, Domingue MP, Lévesque S, Usuf E, Wils EJ, Ohshimo S, Martin-Loeches I, Sandulescu O, Laake JH, Lamontagne F; ISARIC Clinical Characterisation Group. Implementation of Recommendations on the Use of Corticosteroids in Severe COVID-19. *JAMA Netw Open*. 2023 Dec 1;6(12):e2346502. doi:10.1001/jamanetworkopen.2023.46502.  
PMID: 38147336 **Free PMC article.**
13. Soukavong M, Luangasanatip N, Chanthavilay P, Teerawattananon Y, Dabak SV, Pan-Ngum W, Roberts T, Ashley EA, **Mayxay M**. Cost-effectiveness analysis of typhoid vaccination in Lao PDR. *BMC Public Health*. 2023 Nov 17;23(1):2270. doi: 10.1186/s12889-023-17221-2.PMID: 37978481 **Free PMC article.**
14. Senvanpan N, Phimolsarnnousith V, Rattanavong S, **Mayxay M**, Reinharz D, Fine AE, Horwood PF, Dussart P, Blacksell SD, Pruvot M, Newton PN, Robinson MT. Longitudinal comparison of bacterial pathogen seropositivity among wet market vendors in the Lao People's Democratic Republic. *One Health*. 2023 Aug 25;17:100618. doi: 10.1016/j.onehlt.2023.100618. eCollection 2023 Dec.PMID: 37811399 **Free PMC article.**
15. Schilling WHK, Jittamala P, Watson JA, Boyd S, Luvira V, Siripoon T, Ngamprasertchai T, Batty EM, Cruz C, Callery JJ, Singh S, Saroj M, Kruabkontho V, Ngernseng T, Tanglakmankhong N, Tubprasert J, Abdad MY, Madmanee W, Kouhathong J, Suwannasin K, Pagornrat W, Piaraksa N, Hanboonkunupakarn P, Hanboonkunupakarn B, Poovorawan K, Potaporn M, Srisubat A, Loharjun B, Taylor WRJ, Chotivanich V, Chotivanich K, Imwong M, Pukrittayakamee S, Dondorp AM, Day NPJ, Teixeira MM, Piyaphanee W, Phumratanaprapin W, White NJ; PLATCOV Collaborative Group. Antiviral efficacy of molnupiravir versus ritonavir-boosted nirmatrelvir in patients with early symptomatic COVID-19 (PLATCOV): an open-label, phase 2, randomised, controlled, adaptive trial. *Lancet Infect Dis*. 2024 Jan;24(1):36-45. doi: 10.1016/S1473-3099(23)00493-0. Epub 2023 Sep 28.PMID: 37778363 **Free PMC article.** Clinical Trial.
16. Gonçalves BP, Jassat W, Baruch J, Hashmi M, Rojek A, Dasgupta A, Martin-Loeches I, Reyes LF, Piubelli C, Citarella BW, Kartsonaki C, Lefèvre B, López Revilla JW, Lunn M, Harrison EM, Kraemer MUG, Shrapnel S, Horby P, Bisoffi Z, Olliaro PL, Merson L; ISARIC Clinical Characterisation Group. A multi-country analysis of COVID-19 hospitalizations by vaccination status. *Med*. 2023 Nov 10;4(11):797-812.e2. doi: 10.1016/j.medj.2023.08.005. Epub 2023 Sep 21.PMID: 37738979 **Free article.**
17. Nguyen ALT, Slavkovsky R, Phan HT, Nguyen HTT, Vannachone S, Le DH, Dubot-Pérès A, Vongsouvath M, Dinh ST, Marfin AA, Letson GW, Vu HM, Tham DC, **Mayxay M**, Ashley EA, Pham TQ, Pecenka C. Estimating the cost of illness of acute Japanese encephalitis and sequelae care in Vietnam and Laos: A cross-sectional study. *PLOS Glob Public Health*. 2023 Jun 13;3(6):e0001873. doi: 10.1371/journal.pgph.0001873. eCollection 2023.PMID: 37310946 **Free PMC article.**
18. Bharucha T, Gangadharan B, Kumar A, Myall AC, Ayhan N, Pastorino B, Chanthongthip A, Vongsouvath M, **Mayxay M**, Sengvilaipaseuth O, Phonemixay O, Rattanavong S, O'Brien DP, Vendrell I, Fischer R, Kessler B, Turtle L, de Lamballerie X, Dubot-Pérès A, Newton PN, Zitzmann N, SEAE Consortium. Deep Proteomics Network and Machine Learning Analysis of Human Cerebrospinal Fluid in Japanese Encephalitis Virus Infection. *J Proteome Res*. 2023 Jun 2;22(6):1614-1629. doi: 10.1021/acs.jproteome.2c00563. Epub 2023 May 23.  
PMID: 37219084 **Free PMC article.**

19. Perrone C, Schilling W, Callery JJ, Ashley EA, Chambers M, Chase H, Dahal P, Kanthawang N, Nedsuwan S, Hanboonkunupakarn B, Intralawan D, Karkey A, [Mayxay M](#), Souvong V, Tran Minh H, Udas Shakya S, Sharma SK, Uranw S, Vannachione S, Woodrow C, White NJ, Cheah PY. Good participatory practice for coronavirus disease 2019 (COVID-19) research: the case of a COVID-19 prevention study. *Wellcome Open Res.* 2022 Dec 1;6:216. doi: 10.12688/wellcomeopenres.16880.3. eCollection 2021.PMID: 36866279 **Free PMC article.**
20. MalariaGEN; Abdel Hamid MM, Abdelraheem MH, Acheampong DO, Ahouidi A, Ali M, Almagro-Garcia J, Amambua-Ngwa A, Amaratunga C, Amenga-Etego L, Andagalu B, Anderson T, Andrianarajaka V, Aniebo I, Aninagyei E, Ansah F, Ansah PO, Apinjoh T, Arnaldo P, Ashley E, Auburn S, Awandare GA, Ba H, Baraka V, Barry A, Bejon P, Bertin GI, Boni MF, Borrmann S, Bousema T, Bouyou-Akotet M, Branch O, Bull PC, Cheah H, Chindavongsa K, Chookajorn T, Chotivanich K, Claessens A, Conway DJ, Corredor V, Courtier E, Craig A, D'Alessandro U, Dama S, Day N, Denis B, Dhorda M, Diakite M, Djimde A, Dolecek C, Dondorp A, Doumbia S, Drakeley C, Drury E, Duffy P, Echeverry DF, Egwang TG, Enosse SMM, Erko B, Fairhurst RM, Faiz A, Fanello CA, Fleharty M, Forbes M, Fukuda M, Gamboa D, Ghansah A, Golassa L, Goncalves S, Harrison GLA, Healy SA, Hendry JA, Hernandez-Koutoucheva A, Hien TT, Hill CA, Hombhanje F, Hott A, Htut Y, Hussein M, Imwong M, Ishengoma D, Jackson SA, Jacob CG, Jeans J, Johnson KJ, Kamaliddin C, Kamau E, Keatley J, Kochakarn T, Konate DS, Konaté A, Kone A, Kwiatkowski DP, Kyaw MP, Kyle D, Lawniczak M, Lee SK, Lemnge M, Lim P, Lon C, Loua KM, Mandara CI, Marfurt J, Marsh K, Maude RJ, [Mayxay M](#)...See abstract for full author list → Pf7: an open dataset of *Plasmodium falciparum* genome variation in 20,000 worldwide samples. *Wellcome Open Res.* 2023 Jan 16;8:22. doi: 10.12688/wellcomeopenres.18681.1. eCollection 2023.PMID: 36864926 **Free PMC article.**
21. Zafar S, Overgaard HJ, Pongvongsa T, Vannavong N, Phommachanh S, Shipin O, Rocklöv J, Paul RE, Rahman MS, [Mayxay M](#). Epidemiological profile of dengue in Champasak and Savannakhet provinces, Lao People's Democratic Republic, 2003-2020. *Western Pac Surveill Response J.* 2022 Nov 23;13(4):1-13. doi: 10.5365/wpsar.2022.13.4.932. eCollection 2022 Oct-Dec.PMID: 36817500 **Free PMC article.** No abstract available.
22. Rao AM, Popper SJ, Gupta S, Davong V, Vaidya K, Chanthongthip A, Dittrich S, Robinson MT, Vongsouvath M, [Mayxay M](#), Nawtaisong P, Karmacharya B, Thair SA, Bogoch I, Sweeney TE, Newton PN, Andrews JR, Relman DA, Khatri P. A robust host-response-based signature distinguishes bacterial and viral infections across diverse global populations. *Cell Rep Med.* 2022 Dec 20;3(12):100842. doi: 10.1016/j.xcrm.2022.100842. PMID: 36543117 **Free PMC article.**
23. Srisutham S, Madmanee W, Kouhathong J, Sutawong K, Tripura R, Peto TJ, van der Pluijm RW, Callery JJ, Dysoley L, [Mayxay M](#), Newton PN, Pongvongsa T, Hongvanthong B, Day NPJ, White NJ, Dondorp AM, Imwong M. Ten-year persistence and evolution of *Plasmodium falciparum* antifolate and anti-sulfonamide resistance markers pfdhfr and pfdhps in three Asian countries. *PLoS One.* 2022 Dec 16;17(12):e0278928. doi: 10.1371/journal.pone.0278928. eCollection 2022.PMID: 36525403 **Free PMC article.**
24. Wasakul V, Disratthakit A, [Mayxay M](#), Chindavongsa K, Sengsavath V, Thuy-Nhien N, Pearson RD, Phalivong S, Xayvanchang S, Maude RJ, Gonçalves S, Day NP, Newton PN, Ashley EA, Kwiatkowski DP, Dondorp AM, Miotto O. Malaria outbreak in Laos driven by a selective sweep for *Plasmodium falciparum* kelch13 R539T mutants: a genetic epidemiology analysis. *Lancet Infect Dis.* 2022 Nov 30:S1473-3099(22)00697-1. doi: 10.1016/S1473-3099(22)00697-1. Online ahead of print.PMID: 36462526 **Free article.**
25. Luciani L, Lapidus N, Amroun A, Falchi A, Souksakhone C, [Mayxay M](#), Dubot-Pères A, Villarroel PMS, Diarra I, Koita O, Gallian P, de Lamballerie X. Orthopoxvirus Seroprevalence and Infection Susceptibility in France, Bolivia, Laos, and Mali. *Emerg Infect Dis.* 2022 Dec;28(12):2463-2471. doi: 10.3201/eid2812.221136. Epub 2022 Nov 7.PMID: 36343384 **Free PMC article.**
26. Lazarus JV, Romero D, Kopka CJ, Karim SA, Abu-Raddad LJ, Almeida G, Baptista-Leite R, Barocas JA, Barreto ML, Bar-Yam Y, Bassat Q, Batista C, Bazilian M, Chiou ST, Del Rio C, Dore GJ, Gao GF, Gostin LO, Hellard M, Jimenez JL, Kang G, Lee N, Matičić M, McKee M, Nsanzimana S, Oliu-Barton M, Pradeliski B, Pyzik O, Rabin K, Raina S, Rashid SF, Rathe M,

- Saenz R, Singh S, Trock-Hempler M, Villapol S, Yap P, Binagwaho A, Kamarulzaman A, El-Mohandes A; [Mayxay M](#) in COVID-19 Consensus Statement Panel. A multinational Delphi consensus to end the COVID-19 public health threat. *Nature*. 2022 Nov;611(7935):332-345. doi: 10.1038/s41586-022-05398-2. Epub 2022 Nov 3. PMID: 36329272 **Free PMC article**.
27. Gonçalves BP, Hall M, Jassat W, Balan V, Murthy S, Kartsonaki C, Semple MG, Rojek A, Baruch J, Reyes LF, Dasgupta A, Dunning J, Citarella BW, Pritchard M, Martín-Quiros A, Sili U, Baillie JK, Aryal D, Arabi Y, Rashan A, Angheben A, Caoili J, Carrier FM, Harrison EM, Gómez-Junyent J, Figueiredo-Mello C, Douglas JJ, Mat Nor MB, Chow YP, Wong XC, Bertagnolio S, Thwin SS, Streinu-Cercel A, Salazar L, Rishu A, Rangappa R, Ong DSY, Hashmi M, Carson G, Diaz J, Fowler R, Kraemer MUG, Wils EJ, Horby P, Merson L, Olliaro PL; [Mayxay M](#) in ISARIC Clinical Characterisation Group. An international observational study to assess the impact of the Omicron variant emergence on the clinical epidemiology of COVID-19 in hospitalised patients. *Elife*. 2022 Oct 5;11:e80556. doi: 10.7554/eLife.80556. PMID: 36197074 **Free PMC article**.
  28. Kounnavong S, Yan W, Sihavong A, Sychareun V, Eriksen J, Hanson C, Chaleunvong K, Keohavong B, Vongsouvath M, [Mayxay M](#), Brauner A, Stålsby Lundborg C, Machowska A. Antibiotic knowledge, attitudes and reported practice during pregnancy and six months after birth: a follow-up study in Lao PDR. *BMC Pregnancy Childbirth*. 2022 Sep 12;22(1):701. doi: 10.1186/s12884-022-05018-x. PMID: 36096811
  29. Sitbounlang P, Deharo E, Latthaphasavang V, Marchio A, Soukhsakhone C, Soinxay V, [Mayxay M](#), Steenkeste N, Vincelot P, Bertani S, Palamy S, Paboriboune P, Pineau P. Estimating the burden of hepatitis B virus infection in Laos between 2020 and 2021: A cross-sectional seroprevalence survey. *EClinicalMedicine*. 2022 Jul 29;52:101582. doi: 10.1016/j.eclinm.2022.101582. eCollection 2022 Oct. PMID: 35923426 **Free PMC article**.
  30. ISARIC Clinical Characterization Group, [Mayxay M](#), Garcia-Gallo E, Merson L, Kennon K, Kelly S, Citarella BW, Fryer DV, Shrapnel S, Lee J, Duque S, Fuentes YV, Balan V, Smith S, Wei J, Gonçalves BP, Russell CD, Sigfrid L, Dagens A, Olliaro PL, Baruch J, Kartsonaki C, Dunning J, Rojek A, Rashan A, Beane A, Murthy S, Reyes LF. ISARIC-COVID-19 dataset: A Prospective, Standardized, Global Dataset of Patients Hospitalized with COVID-19. *Sci Data*. 2022 Jul 30;9(1):454. doi: 10.1038/s41597-022-01534-9. PMID: 35908040 **Free PMC article**.
  31. Chansamouth V, Chommanam D, Roberts T, Keomany S, Paphasiri V, Phamisith C, Sengsavang S, Detleuxay K, Phoutsavath P, Bouthavong S, Douangnouvong A, Vongsouvath M, Rattana S, Keohavong B, Day NPJ, Turner P, van Doorn HR, [Mayxay M](#), Ashley EA, Newton PN. Evaluation of trends in hospital antimicrobial use in the Lao PDR using repeated point-prevalence surveys-evidence to improve treatment guideline use. *Lancet Reg Health West Pac*. 2022 Jul 9;27:100531. doi: 10.1016/j.lanwpc.2022.100531. eCollection 2022 Oct. PMID: 35846979 **Free PMC article**.
  32. Sychareun V, Phounsavath P, Sihavong A, Kounnavong S, Chaleunvong K, Machowska A, Keohavong B, [Mayxay M](#), Eriksen J, Hanson C, Vongsouvath M, Brauner A, Durham J, Stålsby Lundborg C. Perceptions and reported practices of pregnant women and mothers of children under two years of age regarding antibiotic use and resistance in Vientiane province, Lao PDR: a qualitative study. *BMC Pregnancy Childbirth*. 2022 Jul 16;22(1):569. doi: 10.1186/s12884-022-04894-7. PMID: 35842597 **Free PMC article**.
  33. Pommier JD, Gorman C, Crabol Y, Bleakley K, Sothy H, Santy K, Tran HTT, Nguyen LV, Bunnakea E, Hlaing CS, Aye AMM, Cappelle J, Herrant M, Piola P, Rosset B, Chevalier V, Tarantola A, Channa M, Honnorat J, Pinto AL, Rattanavong S, Vongsouvath M, [Mayxay M](#), Phangmanixay S, Phongsavath K, Tin OS, Kyaw LL, Tin HH, Linn K, Tran TMH, Pérot P, Thuy NTT, Hien N, Phan PH, Buchy P, Dussart P, Laurent D, Eloit M, Dubot-Pères A, Lortholary O, de Lamballerie X, Newton PN, Lecuit M; SEAE Consortium. Childhood encephalitis in the Greater Mekong region (the SouthEast Asia Encephalitis Project): a multicentre prospective study. *Lancet Glob Health*. 2022 Jul;10(7):e989-e1002. doi: 10.1016/S2214-109X(22)00174-7. PMID: 35714649 **Free PMC article**.

34. Cutts JC, O'Flaherty K, Zaloumis SG, Ashley EA, Chan JA, Onyamboko MA, Fanello C, Dondorp AM, Day NP, Phyo AP, Dhorda M, Imwong M, Fairhurst RM, Lim P, Amaratunga C, Pukrittayakamee S, Hien TT, Htut Y, [Mayxay M](#), Faiz MA, Takashima E, Tsuboi T, Beeson JG, Nosten F, Simpson JA, White NJ, Fowkes FJI. Comparison of Antibody Responses and Parasite Clearance in Artemisinin Therapeutic Efficacy Studies in the Democratic Republic of Congo and Asia. *J Infect Dis.* 2022 Aug 24;226(2):324-331. doi: 10.1093/infdis/jiac232.PMID: 35703955
35. Kc S, Faradiba D, Sittimart M, Isaranuwatthai W, Ananthakrishnan A, Rachatan C, Dabak S, Shafie AA, Guerrero AM, Suwantika A, Kang G, Ahn J, Hsu LY, [Mayxay M](#), Howard N, Wattanasri P, Nakamura R, George TK, Teerawattananon Y. Factors associated with the opposition to COVID-19 vaccination certificates: A multi-country observational study from Asia. *Travel Med Infect Dis.* 2022 May 18;48:102358. doi: 10.1016/j.tmaid.2022.102358. Online ahead of print.PMID: 35595199 Free PMC article.
36. Bharucha T, Ayhan N, Pastorino B, Rattanavong S, Vongsouvath M, [Mayxay M](#), Changthongthip A, Sengvilapaseuth O, Phonemixay O, Pommier JD, Gorman C, Zitzmann N, Newton PN, de Lamballerie X, Dubot-Pérès A. Immunoglobulin M seroneutralization for improved confirmation of Japanese encephalitis virus infection in a flavivirus-endemic area. *Trans R Soc Trop Med Hyg.* 2022 May 18:trac036. doi: 10.1093/trstmh/trac036. Online ahead of print.PMID: 35593182
37. O'Flaherty K, Chan JA, Cutts JC, Zaloumis SG, Ashley EA, Phyo AP, Drew DR, Dondorp AM, Day NP, Dhorda M, Fairhurst RM, Lim P, Amaratunga C, Pukrittayakamee S, Hien TT, Htut Y, [Mayxay M](#), Faiz MA, Mokuolu OA, Onyamboko MA, Fanello C, Takashima E, Tsuboi T, Theisen M, Nosten F, Beeson JG, Simpson JA, White NJ, Fowkes FJI. Anti-Gametocyte Antigen Humoral Immunity and Gametocytemia During Treatment of Uncomplicated *Falciparum* Malaria: A Multi-National Study. *Front Cell Infect Microbiol.* 2022 Apr 7;12:804470. doi: 10.3389/fcimb.2022.804470. eCollection 2022.
38. Yan W, Machowska A, Sihavong A, Sychareun V, Chaleunvong K, Keohavong B, Eriksen J, Hanson C, Vongsouvath M, Brauner A, [Mayxay M](#), Kounnavong S, Stålsby Lundborg C. Antibiotic Prescribing in Connection to Childbirth: An Observational Study in Two Districts in Lao PDR. *Antibiotics (Basel).* 2022 Mar 25;11(4):448. doi: 10.3390/antibiotics11040448.PMID: 35453200
39. Uy CE, [Mayxay M](#), Harrison R, Al-Diwani A, Jacobson L, Rattanavong S, Dubot-Pérès A, Vongsouvath M, Davong V, Chansamouth V, Phommasone K, Waters P, Irani SR, Newton PN. Detection and significance of neuronal autoantibodies in patients with meningoencephalitis in Vientiane, Lao PDR. *Trans R Soc Trop Med Hyg.* 2022 Apr 6:trac023. doi: 10.1093/trstmh/trac023. Online ahead of print.PMID: 35385878
40. Zhu L, van der Pluijm RW, Kucharski M, Nayak S, Tripathi J, White NJ, Day NPJ, Faiz A, Phyo AP, Amaratunga C, Lek D, Ashley EA, Nosten F, Smithuis F, Ginsburg H, von Seidlein L, Lin K, Imwong M, Chotivanich K, [Mayxay M](#), Dhorda M, Nguyen HC, Nguyen TNT, Miotto O, Newton PN, Jittamala P, Tripura R, Pukrittayakamee S, Peto TJ, Hien TT, Dondorp AM, Bozdech Z. Artemisinin resistance in the malaria parasite, *Plasmodium falciparum*, originates from its initial transcriptional response. *Commun Biol.* 2022 Mar 28;5(1):274. doi: 10.1038/s42003-022-03215-0.PMID: 35347215 **Free PMC article.**
41. WorldWide Antimalarial Resistance Network Methodology Study Group. Temporal distribution of *Plasmodium falciparum* recrudescence following artemisinin-based combination therapy: an individual participant data meta-analysis. *Malar J.* 2022 Mar 24;21(1):106. doi: 10.1186/s12936-021-03980-z.PMID: 35331243 **Free PMC article.**
42. Chandna A, Chew R, Shwe Nwe Htun N, Peto TJ, Zhang M, Liverani M, Brummaier T, Phommasone K, Perrone C, Pyae Phyo A, Sattabongkot J, Roobsoong W, Nguitragool W, Sen A, Ibna Zaman S, Sandar Zaw A, Batty E, Waithira N, Abdad MY, Blacksell SD, Bodhidatta L, Callery JJ, Fagnark W, Huangsuranun W, Islam S, Lertcharoenchoke S, Lohavittayavikant S, Mukaka M, Moul V, Kumer Neogi A, Nedsuwan S, Pongvongsa T, Ponsap P, Richard-Greenblatt M, Schilling WHK, Thaipadungpanit J, Tripura R, Dondorp AM, [Mayxay M](#), White NJ, Nosten F, Smithuis F, Ashley EA, Maude RJ, Day NPJ, Lubell Y. Defining the burden of febrile illness in rural South and Southeast Asia: an open letter to announce the

- launch of the Rural Febrile Illness project. Wellcome Open Res. 2022 Mar 10;6:64. doi: 10.12688/wellcomeopenres.16393.2. eCollection 2021.PMID: 34017924 **Free PMC article.**
43. WorldWide Antimalarial Resistance Network Falciparum Haematology Study Group. Haematological consequences of acute uncomplicated falciparum malaria: a WorldWide Antimalarial Resistance Network pooled analysis of individual patient data. BMC Med. 2022 Mar 7;20(1):85. doi: 10.1186/s12916-022-02265-9.PMID: 35249546 **Free PMC article.**
  44. Hart JD, Choekhepaibulkit K, **Mayxay M**, Ong-Lim ALT, Saketa ST, Russell FM. COVID-19 vaccine boosters in the Asia-Pacific region in the context of Omicron.
  45. Lancet Reg Health West Pac. 2022 Mar;20:100404. doi: 10.1016/j.lanwpc.2022.100404. Epub 2022 Feb 16.PMID: 35187510 **Free PMC article.** No abstract available.
  46. **Mayxay M**, Paboriboune P, Xaipasong X et al. (2021). A pilot study to investigate the risk of SARS-CoV-2 household transmission following hospital discharge of confirmed cases in Vientiane Capital, Lao PDR. Lao Medical Journal 12: 67-70.
  47. Taberero P, Swamidoss I, **Mayxay M**, Khanthavong M, Phonlavong C, Vilayhong C, Sichanh C, Sengaloundeth S, Green MD, Newton PN. A random survey of the prevalence of falsified and substandard antibiotics in the Lao PDR. J Antimicrob Chemother. 2022 Feb 7;dkab435. doi: 10.1093/jac/dkab435. Online ahead of print.PMID: 35137095
  48. Phommasone K, Xaiyaphet X, Garcia-Rivera JA, Hontz RD, Pathavongsa V, Keomoukda P, Vongsouvath M, **Mayxay M**, Vongsouvath M, Newton PN, Ashley EA, Dubot-Pères A. A case-control study of the causes of acute respiratory infection among hospitalized patients in Northeastern Laos. Sci Rep. 2022 Jan 18;12(1):939. doi: 10.1038/s41598-022-04816-9.PMID: 35042900 **Free PMC article.** Clinical Trial.
  49. Phyo AP, Dahal P, **Mayxay M**, Ashley EA. Clinical impact of vivax malaria: A collection review. PLoS Med. 2022 Jan 18;19(1):e1003890. doi: 10.1371/journal.pmed.1003890. eCollection 2022 Jan.PMID: 35041650 **Free PMC article.** Review.
  50. Jongdeepaisal M, Inthasone S, Khonputsas P, Malaphone V, Pongsoipetch K, Pongvongsa T, **Mayxay M**, Chindavongsa K, Pell C, Maude RJ. Forest malaria and prospects for anti-malarial chemoprophylaxis among forest goers: findings from a qualitative study in Lao PDR. Malar J. 2022 Jan 5;21(1):8. doi: 10.1186/s12936-021-04027-z.PMID: 34983549 **Free PMC article.**
  51. Grillová L, Robinson MT, Chanthongthip A, Vincent AT, Nieves C, Oppelt J, Mariet JF, Lorigou C, Vongsouvath M, **Mayxay M**, Phonemexay O, Rattanavong S, Phommasone K, Douangnouvong A, Šmajš D, Veyrier FJ, Newton PN, Picardeau M. Genetic diversity of Leptospira isolates in Lao PDR and genome analysis of an outbreak strain. PLoS Negl Trop Dis. 2021 Dec 28;15(12):e0010076. doi: 10.1371/journal.pntd.0010076. eCollection 2021 Dec.PMID: 34962921 **Free PMC article.**
  52. Sychareun V, Sihavong A, Machowska A, Onthongdee X, Chaleunvong K, Keohavong B, Eriksen J, Hanson C, Vongsouvath M, Marrone G, Brauner A, **Mayxay M**, Kounnavong S, Lundborg CS. Knowledge, Attitudes, Perception and Reported Practices of Healthcare Providers on Antibiotic Use and Resistance in Pregnancy, Childbirth and Children under Two in Lao PDR: A Mixed Methods Study. Antibiotics (Basel). 2021 Nov 27;10(12):1462. doi: 10.3390/antibiotics10121462.PMID: 34943674 **Free PMC article.**
  53. Chansamouth V, **Mayxay M**, Dance DA, Roberts T, Phetsouvanh R, Vannachone B, Vongsouvath M, Davong V, Inthavong P, Khounsy S, Keohavong B, Keoluangkhot V, Choumlivong K, Day NP, Turner P, Ashley EA, van Doorn HR, Newton PN. Antimicrobial use and resistance data in human and animal sectors in the Lao PDR: evidence to inform policy. BMJ Glob Health. 2021 Nov;6(12):e007009. doi: 10.1136/bmjgh-2021-007009.PMID: 34853032 **Free PMC article.**
  54. Imwong M, Suwannasin K, Srisutham S, Vongprommek R, Promnarate C, Saejeng A, Phyo AP, Proux S, Pongvongsa T, Chea N, Miotto O, Tripura R, Nguyen Hoang C, Dysoley L, Ho Dang Trung N, Peto TJ, Callery JJ, van der Pluijm RW, Amaratunga C, Mukaka M, von Seidlein L, **Mayxay M**, Thuy-Nhien NT, Newton PN, Day NPJ, Ashley EA, Nosten FH, Smithuis FM, Dhorda M, White NJ, Dondorp AM. Evolution of Multidrug Resistance in Plasmodium

falciparum: a Longitudinal Study of Genetic Resistance Markers in the Greater Mekong Subregion. *Antimicrob Agents Chemother.* 2021 Nov 17;65(12):e0112121. doi: 10.1128/AAC.01121-21. Epub 2021 Sep 13. PMID: 34516247 **Free PMC article.**

55. Taylor WR, Hoglund RM, Peerawaranun P, Nguyen TN, Hien TT, Tarantola A, von Seidlein L, Tripura R, Peto TJ, Dondorp AM, Landier J, H Nosten F, Smithuis F, Phommasone K, **Mayxay M**, Kheang ST, Say C, Neeraj K, Rithea L, Dysoley L, Kheng S, Muth S, Rocafeltrer A, Debackere M, Fairhurst RM, Song N, Buchy P, Menard D, White NJ, Tarning J, Mukaka M. Development of weight and age-based dosing of daily primaquine for radical cure of vivax malaria. *Malar J.* 2021 Sep 9;20(1):366. doi: 10.1186/s12936-021-03886-w. PMID: 34503519 **Free PMC article.**
56. Zafar S, Shipin O, Paul RE, Rocklöv J, Haque U, Rahman MS, **Mayxay M**, Pientong C, Aromseree S, Poolphol P, Pongvongsa T, Vannavong N, Overgaard HJ. Development and Comparison of Dengue Vulnerability Indices Using GIS-Based Multi-Criteria Decision Analysis in Lao PDR and Thailand. *Int J Environ Res Public Health.* 2021 Sep 6;18(17):9421. doi: 10.3390/ijerph18179421. PMID: 34502007 **Free PMC article.**
57. Xongmixay P, **Mayxay M**, Chanthavilay. Examining the impact of aging and interventions towards burden of diabetes mellitus in Lao population: a model-based study. *Lao Medical Journal* 2021, (12): 3-13.
58. Mukaka M, Peerawaranun P, Parker DM, Kajechiwa L, Nosten FH, Nguyen TN, Hien TT, Tripura R, Peto TJ, Phommasone K, **Mayxay M**, Newton PN, Imwong M, Day NPJ, Dondorp AM, White NJ, von Seidlein L. Clustering of malaria in households in the Greater Mekong Subregion: operational implications for reactive case detection. *Malar J.* 2021 Aug 26;20(1):351. doi: 10.1186/s12936-021-03879-9. PMID: 34446009 **Free PMC article.**
59. Roberts T, Parker DM, Bulterys PL, Rattanavong S, Elliott I, Phommasone K, **Mayxay M**, Chansamouth V, Robinson MT, Blacksell SD, Newton PN. A spatio-temporal analysis of scrub typhus and murine typhus in Laos; implications from changing landscapes and climate. *PLoS Negl Trop Dis.* 2021 Aug 25;15(8):e0009685. doi: 10.1371/journal.pntd.0009685. eCollection 2021 Aug. PMID: 34432800 **Free PMC article.**
60. von Mollendorf C, Lim R, Choummanivong M, Sychareun V, Vilivong K, Lai JYR, Chan J, Dunne EM, Phommachanh S, Moore KA, Ortika BD, Gray A, Weaver R, **Mayxay M**, Phetsouvanh R, Datta SS, Fox K, Newton PN, Mulholland KE, Nguyen CD, Dance DAB, Satzke C, Russell FM. Evaluation strategies for measuring pneumococcal conjugate vaccine impact in low-resource settings. *Expert Rev Vaccines.* 2021 Aug 11. doi: 10.1080/14760584.2021.1965474. Online ahead of print. PMID: 34378467
61. Xongmixay P, **Mayxay M**, Soysouvanh S, Chanphothong V, Meksithong A, Manhavong N, Phommalath T, Yang Leeyounjera, Chang K, Chanthavilay P. Evaluation of village-level childhood immunization coverage in the Lao People's Democratic Republic: measles an indicator? *Lao Medical Journal* 2021 (12): 41-52.
62. Jacob CG, Thuy-Nhien N, **Mayxay M**, Maude RJ, Quang HH, Hongvanthong B, Vanisaveth V, Ngo Duc T, Rekol H, van der Pluijm R, von Seidlein L, Fairhurst R, Nosten F, Hossain MA, Park N, Goodwin S, Ringwald P, Chindavongsa K, Newton P, Ashley E, Phalivong S, Maude R, Leang R, Huch C, Dong LT, Nguyen KT, Nhat TM, Hien TT, Nguyen H, Zdrojewski N, Canavati S, Sayeed AA, Uddin D, Buckee C, Fanello CI, Onyamboko M, Peto T, Tripura R, Amaratunga C, Myint Thu A, Delmas G, Landier J, Parker DM, Chau NH, Lek D, Suon S, Callery J, Jittamala P, Hanboonkunupakarn B, Pukrittayakamee S, Phyo AP, Smithuis F, Lin K, Thant M, Hlaing TM, Satpathi P, Satpathi S, Behera PK, Tripura A, Baidya S, Valecha N, Anvikar AR, Ul Islam A, Faiz A, Kunasol C, Drury E, Kekre M, Ali M, Love K, Rajatileka S, Jeffreys AE, Rowlands K, Hubbart CS, Dhorda M, Vongpromek R, Kotanan N, Wongnak P, Almagro Garcia J, Pearson RD, Ariani CV, Chookajorn T, Malangone C, Nguyen T, Stalker J, Jeffery B, Keatley J, Johnson KJ, Muddyman D, Chan XHS, Sillitoe J, Amato R, Simpson V, Gonçalves S, Rockett K, Day NP, Dondorp AM, Kwiatkowski DP, Miotto O. Genetic surveillance in the Greater Mekong subregion and South Asia to support malaria control and elimination.

63. Chandna A, Osborn J, Bassat Q, Bell D, Burza S, D'Acremont V, Fernandez-Carballo BL, Kain KC, [Mayxay M](#), Wiens M, Dittrich S. Anticipating the future: prognostic tools as a complementary strategy to improve care for patients with febrile illnesses in resource-limited settings. *BMJ Glob Health*. 2021 Jul;6(7):e006057. doi: 10.1136/bmjgh-2021-006057.PMID: 34330761
64. MalariaGEN, Ahouidi A, Ali M, Almagro-Garcia J, Amambua-Ngwa A, Amaratunga C, Amato R, Amenga-Etego L, Andagalu B, Anderson TJC, Andrianarajaka V, Apinjoh T, Ariani C, Ashley EA, Auburn S, Awandare G, Ba H, Baraka V, Barry AE, Bejon P, Bertin GI, Boni MF, Borrmann S, Bousema T, Branch O, Bull PC, Busby GBJ, Chookajorn T, Chotivanich K, Claessens A, Conway D, Craig A, D'Alessandro U, Dama S, Day NP, Denis B, Diakite M, Djimdé A, Dolecek C, Dondorp AM, Drakeley C, Drury E, Duffy P, Echeverry DF, Egwang TG, Erko B, Fairhurst RM, Faiz A, Fanello CA, Fukuda MM, Gamboa D, Ghansah A, Golassa L, Goncalves S, Hamilton WL, Harrison GLA, Hart L, Henrichs C, Hien TT, Hill CA, Hodgson A, Hubbart C, Imwong M, Ishengoma DS, Jackson SA, Jacob CG, Jeffery B, Jeffreys AE, Johnson KJ, Jyothi D, Kamaliddin C, Kamau E, Kekre M, Kluczynski K, Kochakarn T, Konaté A, Kwiatkowski DP, Kyaw MP, Lim P, Lon C, Loua KM, Maïga-Ascofaré O, Malangone C, Manske M, Marfurt J, Marsh K, [Mayxay M](#), Miles A, Miotto O, Mobegi V, Mokuolu OA, Montgomery J, Mueller I, Newton PN, Nguyen T, Nguyen TN, Noedl H, Nosten F, Noviyanti R, Nzila A, Ochola-Oyier LI, Ocholla H, Oduro A, Omedo I, Onyamboko MA, Ouedraogo JB, Oyebola K, Pearson RD, Peshu N, Phyto AP, Plowe CV, Price RN, Pukrittayakamee S, Randrianarivelojosia M, Rayner JC, Ringwald P, Rockett KA, Rowlands K, Ruiz L, Saunders D, Shayo A, Siba P, Simpson VJ, Stalker J, Su XZ, Sutherland C, Takala-Harrison S, Tavul L, Thathy V, Tshefu A, Verra F, Vinetz J, Wellem TE, Wendler J, White NJ, Wright I, Yavo W, Ye H. An open dataset of *Plasmodium falciparum* genome variation in 7,000 worldwide samples. *Wellcome Open Res*. 2021 Feb 24;6:42. doi: 10.12688/wellcomeopenres.16168.1. eCollection 2021.PMID: 33824913 **Free PMC article**.
65. Paolee Y, Foocharoen C, Charoensri S, [Mayxay M](#), Mahakkanukrauh A, Suwannaroj S, Nanagara R. The prevalence and clinical features associated of hypothyroidism among Thai systemic sclerosis patients. *Sci Rep*. 2021 Jul 21;11(1):14902. doi: 10.1038/s41598-021-94371-6.
66. Lim C, Ashley EA, Hamers RL, Turner P, Kesteman T, Akech S, Corso A, [Mayxay M](#), Okeke IN, Limmathurotsakul D, van Doorn HR. Surveillance strategies using routine microbiology for antimicrobial resistance in low- and middle-income countries. *Clin Microbiol Infect*. 2021 Jun 7:S1198-743X(21)00285-8. doi: 10.1016/j.cmi.2021.05.037. Online ahead of print.
67. Chandna A, Shwe Nwe Htun N, Peto TJ, Liverani M, Brummaier T, Phommasone K, Ibna Zaman S, Sandar Zaw A, Batty E, Waithira N, Richard-Greenblatt M, Blacksell SD, Bodhidatta L, Callery JJ, Fagnark W, Islam S, Lertcharoenchoke S, Mukaka M, Pongvongsa T, Schilling WH, Thaipadungpanit J, Tripura R, Dondorp AM, [Mayxay M](#), White NJ, Nosten F, Smithuis F, Ashley EA, Maude RJ, Day NP, Lubell Y. Defining the burden of febrile illness in rural South and Southeast Asia: an open letter to announce the launch of the Rural Febrile Illness project. *Wellcome Open Res*. 2021 Mar 26;6:64. doi: 10.12688/wellcomeopenres.16393.1. eCollection 2021.PMID: 34017924
68. Carr OJJ, Vilivong K, Bounvilay L, Dunne EM, Lai JYR, Chan J, Vongsakid M, Chanthongthip A, Siladeth C, Ortika B, Nguyen C, [Mayxay M](#), Newton PN, Mulholland K, Do LAH, Dubot-Pérés A, Satzke C, Dance DAB, Russell FM. Nasopharyngeal Pneumococcal Colonization Density is Associated with Severe Pneumonia in Young Children in the Lao PDR. *J Infect Dis*. 2021 May 11:jiab239. doi: 10.1093/infdis/jiab239. Online ahead of print.
69. Sihalath D, Sithounlang P, Vannarath S, Rasachak B, Bertani S, [Mayxay M](#), Deharo E, Paboriboune P. Performance of three commercial rapid diagnostic tests for the detection of hepatitis B surface antigen (HBs Ag) in Lao PDR. *Lao Medical Journal* 2021 (12): 53-58.
70. Phommachanh S, Essink DR, Wright PE, Broerse JEW, [Mayxay M](#). Maternal health literacy on mother and child health care: A community cluster survey in two southern provinces in Laos. *PLoS One*. 2021 Mar 29;16(3):e0244181. doi: 10.1371/journal.pone.0244181. eCollection 2021.PMID: 33780460 **Free PMC article**.



71. Sharma M, Teerawattananon Y, Dabak SV, Isaranuwatthai W, Pearce F, Pilasant S, Sabirin J, [Mayxay M](#), Guerrero M, Phuong NK, Sastroasmoro S, Htoo TS. A landscape analysis of health technology assessment capacity in the Association of South-East Asian Nations region. *Health Res Policy Syst.* 2021 Feb 11;19(1):19. doi: 10.1186/s12961-020-00647-0.PMID: 33573676 **Free PMC article.**
72. Doum D, Overgaard HJ, [Mayxay M](#), Suttiprapa S, Saichua P, Ekalaksananan T, Tongchai P, Rahman MS, Haque U, Phommachanh S, Pongvongsa T, Rocklöv J, Paul R, Pientong C. Correction: Doum, D., et al. Dengue Seroprevalence and Seroconversion in Urban and Rural Populations in Northeastern Thailand and Southern Laos. *Int. J. Environ. Res. Public Health* 2020, 17, 9134. *Int J Environ Res Public Health.* 2021 Feb 4;18(4):1439. doi: 10.3390/ijerph18041439.PMID: 33557444 **Free PMC article.**
73. Corwin A, Pliapat T, Phetsouvanh R, [Mayxay M](#), Xangsayarath P, Quynh Mai LT, Oum S, Kuddus MA. The Impact of Preparedness in Defying COVID-19 Pandemic Expectations in the Lower Mekong Region: A Case Study. *Am J Trop Med Hyg.* 2021 Jan 28;tpmd201499. doi: 10.4269/ajtmh.20-1499. Online ahead of print.PMID: 33534744
74. Chandna A, Aderie EM, Ahmad R, Arguni E, Ashley EA, Cope T, Dat VQ, Day NPJ, Dondorp AM, Illanes V, De Jesus J, Jimenez C, Kain K, Suy K, Koshiaris C, Lasry E, [Mayxay M](#), Mondal D, Perera R, Pongvongsa T, Rattanavong S, Rekart M, Richard-Greenblatt M, Shomik M, Souvannasing P, Tallo V, Turner C, Turner P, Waithira N, Watson JA, Yosia M, Burza S, Lubell Y. Prediction of disease severity in young children presenting with acute febrile illness in resource-limited settings: a protocol for a prospective observational study. *BMJ Open.* 2021 Jan 25;11(1): e045826. doi: 10.1136/bmjopen-2020-045826.PMID: 33495264 **Free PMC article.**
75. Machowska A, Sihavong A, Eriksen J, Vongsouvath M, Marrone G, Sychareun V, Hanson C, Keohavong B, Brauner A, [Mayxay M](#), Kounnavong S, Lundborg CS. Containment of Antibiotic REsistance-measures to improve antibiotic use in pregnancy, childbirth and young children (CAREChild): a protocol of a prospective, quasiexperimental interventional study in Lao PDR. *BMJ Open.* 2020 Nov 19;10(11):e040334. doi: 10.1136/bmjopen-2020-040334.PMID: 33427692 **Free PMC article.**
76. Chanthavilay P, [Mayxay M](#), Xongmixay P, Roberts T, Rattanavong S, Vongsouvath M, Newton PN, Crump JA. Estimation of Incidence of Typhoid and Paratyphoid Fever in Vientiane, Lao People's Democratic Republic. *Am J Trop Med Hyg.* 2020 Apr;102(4):744-748. doi: 10.4269/ajtmh.19-0634.PMID: 32124730 **Free PMC article.**
77. [Mayxay M](#), Douangdala P, Vilayhong C, Phommasone K, Chansamouth V, Vongsouvath M, Rattanavong S, Chang K, Sengvilaipaseuth O, Chanthongthip A, Thongpaseuth S, Newton PN, Dubot-Pérès A. Outcome of Japanese Encephalitis Virus (JEV) Infection in Pediatric and Adult Patients at Mahosot Hospital, Vientiane, Lao PDR. *Am J Trop Med Hyg.* 2020 Dec 21;104(2):567-75. doi: 10.4269/ajtmh.20-0581. Online ahead of print.PMID: 33350379 **Free PMC article.**
78. Doum D, Overgaard HJ, [Mayxay M](#), Suttiprapa S, Saichua P, Ekalaksananan T, Tongchai P, Rahman MS, Haque U, Phommachanh S, Pongvongsa T, Rocklöv J, Paul R, Pientong C. Dengue Seroprevalence and Seroconversion in Urban and Rural Populations in Northeastern Thailand and Southern Laos. *Int J Environ Res Public Health.* 2020 Dec 7;17(23):9134. doi:10.3390/ijerph17239134.PMID: 33297445 **Free PMC article.**
79. Elders PND, Dhawan S, Tanganuchitcharnchai A, Phommasone K, Chansamouth V, Day NPJ, Garcia-Rivera JA, Hertz JC, [Mayxay M](#), Vongsouvath M, Dubot-Pérès A, Robinson MT, Newton PN, Blacksell SD. Diagnostic accuracy of an in-house Scrub Typhus enzyme linked immunoassay for the detection of IgM and IgG antibodies in Laos. *PLoS Negl Trop Dis.* 2020 Dec 7;14(12):e0008858. doi: 10.1371/journal.pntd.0008858. eCollection 2020 Dec.PMID: 33284807 **Free PMC article.**
80. Rahman MS, Overgaard HJ, Pientong C, [Mayxay M](#), Ekalaksananan T, Aromseree S, Phanthanawiboon S, Zafar S, Shipin O, Paul RE, Phommachanh S, Pongvongsa T, Vannavong N, Haque U. Knowledge, attitudes, and practices on climate change and dengue in

Lao People's Democratic Republic and Thailand. Environ Res. 2021 Feb;193:110509. doi: 10.1016/j.envres.2020.110509. Epub 2020 Nov 24. PMID: 33245883 **Free article.**

81. Hossain MS, Commons RJ, Douglas NM, Thriemer K, Alemayehu BH, Amaratunga C, Anvikar AR, Ashley EA, Asih PBS, Carrara VI, Lon C, D'Alessandro U, Davis TME, Dondorp AM, Edstein MD, Fairhurst RM, Ferreira MU, Hwang J, Janssens B, Karunajeewa H, Kiechel JR, Ladeia-Andrade S, Laman M, **Mayxay M**, McGready R, Moore BR, Mueller I, Newton PN, Thuy-Nhien NT, Noedl H, Nosten F, Phyo AP, Poespoprodjo JR, Saunders DL, Smithuis F, Spring MD, Stepniewska K, Suon S, Suputtamongkol Y, Syafruddin D, Tran HT, Valecha N, Van Herp M, Van Vugt M, White NJ, Guerin PJ, Simpson JA, Price RN. The risk of Plasmodium vivax parasitaemia after P. falciparum malaria: An individual patient data meta-analysis from the WorldWide Antimalarial Resistance Network. PLoS Med. 2020 Nov 19;17(11):e1003393. doi: 10.1371/journal.pmed.1003393. eCollection 2020 Nov. PMID: 33211712 **Free PMC article.**
82. Lim C, Miliya T, Chansamouth V, Aung MT, Karkey A, Teparrukkul P, Rahul B, Lan NPH, Stelling J, Turner P, Ashley E, van Doorn HR, Lin HN, Ling C, Hinjoy S, Iamsirithaworn S, Dunachie S, Wangrangsamakul T, Hantrakun V, Schilling W, Yen LM, Tan LV, Hlaing HH, **Mayxay M**, Vongsouvath M, Basnyat B, Edgeworth J, Peacock SJ, Thwaites G, Day NP, Cooper BS, Limmathurotsakul D. Automating the Generation of Antimicrobial Resistance Surveillance Reports: Proof-of-Concept Study Involving Seven Hospitals in Seven Countries. J Med Internet Res. 2020 Oct 2;22(10):e19762. doi: 10.2196/19762. PMID: 33006570 **Free PMC article.**
83. Taylor AJ, Talwar D, Lee SJ, Cox L, **Mayxay M**, Newton PN. Comparison of Thiamin Diphosphate High-Performance Liquid Chromatography and Erythrocyte Transketolase Assays for Evaluating Thiamin Status in Malaria Patients without Beriberi. Am J Trop Med Hyg. 2020 Dec;103(6):2600-2604. doi: 10.4269/ajtmh.20-0479. Epub 2020 Sep 24. PMID: 32996449 **Free PMC article.**
84. Philavong C, Pruvot M, Reinharz D, **Mayxay M**, Khammavong K, Milavong P, Rattanavong S, Horwood PF, Dussart P, Douangngeun B, Theppangna W, Fine AE, Robinson MT, Newton PN. Perception of health risks in Lao market vendors. Zoonoses Public Health. 2020 Nov;67(7):796-804. doi: 10.1111/zph.12759. Epub 2020 Aug 19. PMID: 32812389 **Free PMC article.**
85. Hopkins H, Bassat Q, Chandler CI, Crump JA, Feasey NA, Ferrand RA, Kranzer K, Lalloo DG, **Mayxay M**, Newton PN, Mabey D; FIEBRE Consortium. Febrile Illness Evaluation in a Broad Range of Endemicities (FIEBRE): protocol for a multisite prospective observational study of the causes of fever in Africa and Asia. BMJ Open. 2020 Jul 21;10(7):e035632. doi: 10.1136/bmjopen-2019035632. PMID: 32699131 **Free PMC article.**
86. Imwong M, Dhorda M, Myo Tun K, Thu AM, Phyo AP, Proux S, Suwannasin K, Kunasol C, Srisutham S, Duanguppama J, Vongpromek R, Promnarate C, Saejeng A, Khantikul N, Sugaram R, Thanapongpichat S, Sawangjaroen N, Sutawong K, Han KT, Htut Y, Linn K, Win AA, Hlaing TM, van der Pluijm RW, **Mayxay M**, Pongvongsa T, Phommasone K, Tripura R, Peto TJ, von Seidlein L, Nguon C, Lek D, Chan XHS, Rekol H, Leang R, Huch C, Kwiatkowski DP, Miotto O, Ashley EA, Kyaw MP, Pukrittayakamee S, Day NPJ, Dondorp AM, Smithuis FM, Nosten FH, White NJ. Molecular epidemiology of resistance to antimalarial drugs in the Greater Mekong subregion: an observational study. Lancet Infect Dis. 2020 Dec;20(12):1470-1480. doi: 10.1016/S1473-3099(20)30228-0. Epub 2020 Jul PMID: 32679084 **Free PMC article.**
87. Wootton CI, Sodaly MK, Billamay SX, English JSC, **Mayfong M**. Patch test results in paediatric patients with atopic dermatitis in Laos. PLoS One. 2020 Apr 14;15(4): e0231455. doi: 10.1371/journal.pone.0231455. eCollection 2020.
88. Chanthavilay P, Soukavong M, Aung YN, Tun STT, White LJ, **Mayxay M**. Comparing the potential effectiveness of interventions against coronavirus 2019 outbreak in the Lao PDR: a mathematical modeling approach. Lao Medical Journal 2020, 11: 03-07.

89. Wootton CI, Soukavong M, Kidoikhammouan S, Samountry B, English JSC, [Mayfong M](#). Patch testing in Lao medical students. *PLoS One*. 2020 Jul 9;15(7):e0236214. doi: 10.1371/journal.pone.0236214. eCollection 2020. PMID: 32645103 **Free PMC article**.
90. Rattanavong S, Dubot-Pérès A, [Mayxay M](#), Vongsouvath M, Lee SJ, Cappelle J, Newton PN, Parker DM. Spatial epidemiology of Japanese encephalitis virus and other infections of the central nervous system infections in Lao PDR (2003-2011): A retrospective analysis. *PLoS Negl Trop Dis*. 2020 May 26;14(5):e0008333. doi: 10.1371/journal.pntd.0008333. eCollection 2020 May. PMID: 32453806 **Free PMC article**.
91. Stresman G, Sepúlveda N, Fornace K, Grignard L, Mwesigwa J, Achan J, Miller J, Bridges DJ, Eisele TP, Mosha J, Lorenzo PJ, Macalinao ML, Espino FE, Tadesse F, Stevenson JC, Quispe AM, Siqueira A, Lacerda M, Yeung S, Sovannaroath S, Pothin E, Gallay J, Hamre KE, Young A, Lemoine JF, Chang MA, Phommasone K, [Mayxay M](#), Landier J, Parker DM, Von Seidlein L, Nosten F, Delmas G, Dondorp A, Cameron E, Battle K, Bousema T, Gething P, D'Alessandro U, Drakeley C. Association between the proportion of *Plasmodium falciparum* and *Plasmodium vivax* infections detected by passive surveillance and the magnitude of the asymptomatic reservoir in the community: a pooled analysis of paired health facility and community data. *Lancet Infect Dis*. 2020 Aug;20(8):953-963. doi: 10.1016/S1473-3099(20)30059-1. Epub 2020 Apr 8. PMID: 32277908 **Free PMC article**.
92. Bharucha T, Shearer FM, Vongsouvath M, [Mayxay M](#), de Lamballerie X, Newton PN, Zitzmann N, Gould E, Dubot-Pérès A. A need to raise the bar - A systematic review of temporal trends in diagnostics for Japanese encephalitis virus infection, and perspectives for future research. *Int J Infect Dis*. 2020 Jun;95:444-456. doi: 10.1016/j.ijid.2020.03.039. Epub 2020 Mar 20. PMID: 32205287 **Free PMC article**.
93. van der Pluijm RW, Tripura R, Hoglund RM, Pyae Phyo A, Lek D, Ul Islam A, Anvikar AR, Satpathi P, Satpathi S, Behera PK, Tripura A, Baidya S, Onyamboko M, Chau NH, Sovann Y, Suon S, Sreng S, Mao S, Oun S, Yen S, Amaratunga C, Chutasmit K, Saelow C, Runcharern R, Kaewmok W, Hoa NT, Thanh NV, Hanboonkunupakarn B, Callery JJ, Mohanty AK, Heaton J, Thant M, Gantait K, Ghosh T, Amato R, Pearson RD, Jacob CG, Gonçalves S, Mukaka M, Waithira N, Woodrow CJ, Grobusch MP, van Vugt M, Fairhurst RM, Cheah PY, Peto TJ, von Seidlein L, Dhorda M, Maude RJ, Winterberg M, Thuy-Nhien NT, Kwiatkowski DP, Imwong M, Jittamala P, Lin K, Hlaing TM, Chotivanich K, Huy R, Fanello C, Ashley E, [Mayxay M](#), Newton PN, Hien TT, Valecha N, Smithuis F, Pukrittayakamee S, Faiz A, Miotto O, Tarning J, Day NPJ, White NJ, Dondorp AM; Tracking Resistance to Artemisinin Collaboration. Triple artemisinin-based combination therapies versus artemisinin-based combination therapies for uncomplicated *Plasmodium falciparum* malaria: a multicentre, open-label, randomised clinical trial. *Lancet*. 2020 Apr 25;395(10233):1345-1360. doi: 10.1016/S0140-6736(20)30552-3. Epub 2020 Mar 11. PMID: 32171078 **Free article**. Clinical Trial.
94. Chang K, Rattanavong S, [Mayxay M](#), Keoulangkhot V, Davong V, Vongsouvath M, Luangraj M, Simpson AJH, Newton PN, Dance DAB. Bacteremia Caused by Extended-Spectrum Beta-Lactamase-Producing Enterobacteriaceae in Vientiane, Lao PDR: A 5-Year Study. *Am J Trop Med Hyg*. 2020 May;102(5):1137-1143. doi: 10.4269/ajtmh.19-0304. PMID: 32157990 **Free PMC article**.
95. Chanthavilay P, [Mayxay M](#), Xongmixay P, Roberts T, Rattanavong S, Vongsouvath M, Newton PN, Crump JA. Estimation of Incidence of Typhoid and Paratyphoid Fever in Vientiane, Lao People's Democratic Republic. *Am J Trop Med Hyg*. 2020 Apr;102(4):744-748. doi: 10.4269/ajtmh.19-0634. PMID: 32124730 **Free PMC article**.
96. Phommasone K, van Leth F, Peto TJ, Landier J, Nguyen TN, Tripura R, Pongvongsa T, Lwin KM, Kajeechiwa L, Thwin MM, Parker DM, Wiladphaingern J, Nosten S, Proux S, Nguon C, Davoeung C, Rekol H, Adhikari B, Promnarate C, Chotivanich K, Hanboonkunupakarn B, Jittamala P, Cheah PY, Dhorda M, Imwong M, Mukaka M, Peerawaranun P, Pukrittayakamee S, Newton PN, Thwaites GE, Day NPJ, [Mayxay M](#), Hien TT, Nosten FH, Cobelens F, Dondorp AM, White NJ, von Seidlein L. Mass drug administrations with dihydroartemisinin-piperazine and single low dose primaquine to eliminate *Plasmodium falciparum* have only a transient impact on *Plasmodium vivax*: Findings from randomised controlled trials. *PLoS One*. 2020 Feb 5;15(2):e0228190. doi: 10.1371/journal.pone.0228190. eCollection 2020. PMID: 32023293 **Free PMC article**. Clinical Trial.

97. Roberts T, Rattanavong S, Phommasone K, Chansamouth V, Davong V, Keoluangkhot V, Hongsakhone S, Bounsavath N, [Mayxay M](#), Vongsouvath M, Dance DAB, Newton PN. Typhoid in Laos: An 18-Year Perspective. *Am J Trop Med Hyg.* 2020 Apr;102(4):749. doi: 10.4269/ajtmh.19-0637.PMID: 31989918 **Free PMC article.**
98. Phommasone K, van Leth F, Imwong M, Henriques G, Pongvongsa T, Adhikari B, Peto TJ, Promnarate C, Dhorda M, Sirithiranont P, Mukaka M, Peerawaranun P, Day NPJ, Cobelens F, Dondorp AM, Newton PN, White NJ, von Seidlein L, [Mayxay M](#). The use of ultrasensitive quantitative-PCR to assess the impact of primaquine on asymptomatic relapse of *Plasmodium vivax* infections: a randomized, controlled trial in Lao PDR. *Malar J.* 2020 Jan 3;19(1):4. doi: 10.1186/s12936-019-3091-5.PMID: 31900172 **Free PMC article.** *Clinical Trial.*
99. Syvilay S and [Mayxay M](#). Comparative efficacy of rectal acetaminophen plus tepid sponge versus rectal acetaminophen plus fever cooling sheet in fever management among children 2 months to 5 years, presenting at Emergency Department, Children Hospital, Vientiane Capital, Lao PDR. *Lao Medical Journal* 2019, 10: 53-60.
100. von Seidlein L, Peerawaranun P, Mukaka M, Nosten FH, Nguyen TN, Hien TT, Tripura R, Peto TJ, Pongvongsa T, Phommasone K, [Mayxay M](#), Imwong M, Watson J, Pukrittayakamee S, Day NPJ, Dondorp AM. The probability of a sequential *Plasmodium vivax* infection following asymptomatic *Plasmodium falciparum* and *P. vivax* infections in Myanmar, Vietnam, Cambodia, and Laos. *Malar J.* 2019 Dec 30;18(1):449. doi: 10.1186/s12936-019-3087-1.PMID: 31888643 **Free PMC article.**
101. Peerawaranun P, Landier J, Nosten FH, Nguyen TN, Hien TT, Tripura R, Peto TJ, Phommasone K, [Mayxay M](#), Day NPJ, Dondorp A, White N, von Seidlein L, Mukaka M. Intracluster correlation coefficients in the Greater Mekong Subregion for sample size calculations of cluster randomized malaria trials. *Malar J.* 2019 Dec 18;18(1):428. doi: 10.1186/s12936-019-3062x.PMID: 31852499 **Free PMC article.**
102. Pettersson JH, Piorkowski G, [Mayxay M](#), Rattanavong S, Vongsouvath M, Davong V, Alfsnes K, Eldholm V, de Lamballerie X, Holmes EC, Newton PN, Dubot-Pérès A. Meta-transcriptomic identification of hepatitis B virus in cerebrospinal fluid in patients with central nervous system disease. *Diagn Microbiol Infect Dis.* 2019 Dec;95(4):114878. doi: 10.1016/j.diagmicrobio.2019.114878. Epub 2019 Aug 1.PMID: 31451314 **Free PMC article.**
103. Accounting for aetiology: can regional surveillance data alongside host biomarker guided antibiotic therapy improve treatment of febrile illness in remote settings? Chandna A, White LJ, Pongvongsa T, [Mayxay M](#), Newton PN, Day NPJ, Lubell Y. *Wellcome Open Res.* 2019 Aug 5;4:1. doi: 10.12688/wellcomeopenres.14976.2. eCollection 2019.PMID: 31245630 **Free PMC article.**
104. Haenssger MJ, Charoenboon N, Zanella G, [Mayxay M](#), Reed-Tsochas F, Lubell Y, Wertheim H, Lienert J, Xayavong T, Khine Zaw Y, Thepkhamkong A, Sithongdeng N, Khamsoukthavong N, Phanthavong C, Boualaiseng S, Vongsavang S, Wibunjak K, Chai-In P, Thavethanutthanawin P, Althaus T, Greer RC, Nedsuwan S, Wangrangsimakul T, Limmathurotsakul D, Elliott E, Ariana P. Antibiotic knowledge, attitudes and practices: new insights from cross-sectional rural health behaviour surveys in low-income and middle-income South-East Asia. *BMJ Open.* 2019 Aug 20;9(8):e028224. doi: 10.1136/bmjopen-2018-028224.PMID: 31434769 **Free PMC article.**
105. Nanthavongsa S, Rasvong K and [Mayxay M](#). Value of C-reactive protein for predicting neonatal sepsis hospitalized in NICU, Mahosot Hospital, Lao PDR. *Lao Medical Journal* 2019, 10: 45-52.
106. Nakahara S, Hoang BH, [Mayxay M](#), Pattanarattanamolee R, Jayatilleke AU, Ichikawa M, Sakamoto T. Development of an emergency medical system model for resource-constrained settings. *Trop Med Int Health.* 2019 Oct;24(10):1140-1150. doi: 10.1111/tmi.13301. Epub 2019 Sep 1.PMID: 31390114 **Free article.**
107. Hamilton WL, Amato R, van der Pluijm RW, Jacob CG, Quang HH, Thuy-Nhien NT, Hien TT, Hongvanthong B, Chindavongsa K, [Mayxay M](#), Huy R, Leang R, Huch C, Dysoley L, Amaratunga C, Suon S, Fairhurst RM, Tripura R, Peto TJ, Sovann Y, Jittamala P,

- Hanboonkunupakarn B, Pukrittayakamee S, Chau NH, Imwong M, Dhorda M, Vongpromek R, Chan XHS, Maude RJ, Pearson RD, Nguyen T, Rockett K, Drury E, Gonçalves S, White NJ, Day NP, Kwiatkowski DP, Dondorp AM, Miotto O. Evolution and expansion of multidrug-resistant malaria in southeast Asia: a genomic epidemiology study. *Lancet Infect Dis.* 2019 Jul 22. pii: S1473-3099(19)30392-5. doi: 10.1016/S1473-3099(19)30392-5.
108. Sychanh C, [Mayxay M](#), Syhakhang L, Keohavong B, Newton P and Caillet C. Poor-quality medicine: a global threat to health. *Lao Medical Journal* 2019, 10: 03-11.
109. Phommachanh S, Essink DR, Jansen M, Broerse JEW, Wright P, [Mayxay M](#). Improvement of Quality of Antenatal Care (ANC) Service Provision at the Public Health Facilities in Lao PDR: Perspective and Experiences of Supply and Demand Sides. *BMC Pregnancy Childbirth.* 2019 Jul 22;19(1):255.
110. Phommachanh S, Essink DR, Wright EP, Broerse JEW, [Mayxay M](#). Do health care providers give sufficient information and good counseling during ante-natal care in Lao PDR?: an observational study. *BMC Health Serv Res.* 2019 Jul 4;19(1):449.
111. Chandna A, White LJ, Pongvongsa T, [Mayxay M](#), Newton PN, Day NPJ, Lubell Y. Accounting for aetiology: can regional surveillance data alongside host biomarker-guided antibiotic therapy improve treatment of febrile illness in remote settings? *Wellcome Open Res.* 2019 Jan 2;4:1. doi: 10.12688/wellcomeopenres.14976.1. eCollection 2019.
112. O'Flaherty K, Ataíde R, Zaloumis SG, Ashley EA, Powell R, Feng G, Reiling L, Dondorp AM, Day NP, Dhorda M, Fairhurst RM, Lim P, Amaratunga C, Pukrittayakamee S, Hien TT, Htut Y, [Mayxay M](#), Faiz MA, Beeson JG, Nosten F, Simpson JA, White NJ, Fowkes FJI. The contribution of functional antimalarial immunity to measures of parasite clearance in therapeutic efficacy studies of artemisinin derivatives. *J Infect Dis.* 2019 May 10. pii: jiz247. doi: 10.1093/infdis/jiz247.
113. Phommachanh S, Soysouvanh S, Keovoravong O, Keovoravong A and [Mayxay M](#). Prevention of Metamphetamine use relapse through improving effective information, education and communication (IED): an open cluster-randomized-controlled trial. *Lao Medical Journal* 2019, 10: 19-27.
114. Pruvot M, Khammavong K, Milavong P, Philavong C, Reinharz D, [Mayxay M](#), Rattanavong S, Horwood P, Dussart P, Douangneun B, Theppangna W, Fine AE, Olson SH, Robinson M, Newton P. Toward a quantification of risks at the nexus of conservation and health: The case of bushmeat markets in Lao PDR. *Sci Total Environ.* 2019 Aug 1;676:732-745.
115. Nguyen VH, Russell FM, Dance DA, Vilivong K, Phommachanh S, Syladeth C, Lai J, Lim R, Morpeth M, [Mayxay M](#), Newton PN, De Lamballerie X, Dubot-Pères A. Nasal or throat sampling is adequate for the detection of the human respiratory syncytial virus in children with acute respiratory infections. *J Med Virol.* 2019 Sep;91(9):1602-1607. Doi
116. Taberero P, Swamidoss I, [Mayxay M](#), Khanthavong M, Phonlavong C, Vilayhong C, Yeuchaixiong S, Sichanh C, Sengaloundeth S, Green MD, Newton PN. A random survey of the prevalence of falsified and substandard antibiotics in the Lao PDR. *J Antimicrob Chemother.* 2019 Aug 1;74(8):2417-2425.
117. Adhikari B, Phommasone K, Pongvongsa T, Koummarasy P, Soundala X, Henriques G, Sirithiranont P, Parker DM, von Seidlein L, White NJ, Day NPJ, Dondorp AM, Newton PN, Cheah PY, Pell C, [Mayxay M](#). Treatment-seeking behaviour for febrile illnesses and its implications for malaria control and elimination in Savannakhet Province, Lao PDR (Laos): a mixed method study. *BMC Health Serv Res.* 2019 Apr 24;19(1):252
118. Dubot-Pères A, [Mayxay M](#), Phetsouvanh R, Lee SJ, Rattanavong S, Vongsouvath M, Davong V, Chansamouth V, Phommasone K, Moore C, Dittrich S, Lattana O, Sirisouk J, Phoumin P, Panyanivong P, Sengduangphachanh A, Sibounheuang B, Chanthongthip A, Simmalavong M, Sengdatka D, Seubsanith A, Keoluangkot V, Phimmasone P, Sisout K, Detleuxay K, Luangxay K, Phouangsouvanh I, Craig SB, Tulsiani SM, Burns MA, Dance DAB, Blacksell SD, de Lamballerie X, Newton PN. Management of Central Nervous System Infections, Vientiane, Laos, 2003-2011. *Emerg Infect Dis.* 2019 May;25(5):898-910. Doi

119. Pell CL, Adhikari B, Myo Thwin M, Kajeechiwa L, Nosten S, Nosten FH, Sahan KM, Smithuis FM, Nguyen TN, Hien TT, Tripura R, Peto TJ, Sanann N, Nguon C, Pongvongsa T, Phommasone K, [Mayxay M](#), Mukaka M, Peerawaranun P, Kaehler N, Cheah PY, Day NPJ, White NJ, Dondorp AM, von Seidlein L. Community engagement, social context and coverage of mass anti-malarial administration: Comparative findings from multi-site research in the Greater Mekong sub-Region. *PLoS One*. 2019 Mar 25;14(3):e0214280.
120. von Seidlein L, Peto TJ, Landier J, Nguyen TN, Tripura R, Phommasone K, Pongvongsa T, Lwin KM, Keerecharoen 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.
121. Pastorino B, Sengvilaipaseuth O, Chanthongthip A, Vongsouvath M, Souksakhone C, [Mayxay M](#), Thirion L, Newton PN, de Lamballerie X, Dubot-Pères A. Low Zika Virus Seroprevalence in Vientiane, Laos, 2003-2015. *Am J Trop Med Hyg*. 2019 Mar;100(3):639-642.
122. Bancone G, Menard D, Khim N, Kim S, Canier L, Nguong C, Phommasone K, [Mayxay M](#), Dittrich S, Vongsouvath M, Fievet N, Le Hesran JY, Briand V, Keomany S, Newton PN, Gorsawun G, Tardy K, Chu CS, Rattanapalroj O, Dong LT, Quang HH, Tam-Uyen N, Thuy-Nhien N, Hien TT, Kalnoky M, Nosten F. Molecular characterization and mapping of glucose-6-phosphate dehydrogenase (G6PD) mutations in the Greater Mekong Subregion. *Malar J*. 2019 Jan 23;18(1):20. doi: 10.1186/s12936-019-2652-y.
123. WWARN K13 Genotype-Phenotype Study Group. Association of mutations in the *Plasmodium falciparum* Kelch13 gene (Pf3D7\_1343700) with parasite clearance rates after artemisinin-based treatments—a WWARN individual patient data meta-analysis. *BMC Med*. 2019 Jan 17;17(1):1.
124. Adhikari B, Phommasone K, Pongvongsa T, Soundala X, Koummarasy P, Henriques G, Peto TJ, Seidlein LV, White NJ, Day NPJ, Dondorp AM, Newton PN, Cheah PY, [Mayxay M](#), Pell C. Perceptions of asymptomatic malaria infection and their implications for malaria control and elimination in Laos. *PLoS One*. 2018 Dec 11;13(12):e0208912.
125. Zhu L, Tripathi J, Rocamora FM, Miotto O, van der Pluijm R, Voss TS, Mok S, Kwiatkowski DP, Nosten F, Day NPJ, White NJ, Dondorp AM, Bozdech Z; Tracking Resistance to Artemisinin Collaboration I. The origins of malaria artemisinin resistance defined by a genetic and transcriptomic background. *Nat Commun*. 2018 Dec 4;9(1):5158.
126. Wootton CI, Bell S, Philavanh A, Phommachack K, Soukavong M, Kidoikhammouan S, Walker SL, [Mayxay M](#). Assessing skin disease and associated health-related quality of life in a rural Lao community. *BMC Dermatol*. 2018 Dec 4;18(1):11.
127. 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-piperaquine plus a single low dose of primaquine in Savannakhet Province, Laos. *Malar J*. 2018 Nov 3;17(1):405.
128. Bulterys PL, Bulterys MA, Phommasone K, Luangraj M, [Mayxay M](#), Klopogge S, Miliya T, Vongsouvath M, Newton PN, Phetsouvanh R, French CT, Miller JF, Turner P, Dance DAB. Climatic drivers of melioidosis in Laos and Cambodia: a 16-year case series analysis. *Lancet Planet Health*. 2018 Aug;2(8):e334-e343.

129. Newton PN, Keoulouangkhot V, Lee SJ, Choumlivong K, Sisouphone S, Choumlivong K, Vongsouvath M, **Mayxay M**, Chansamouth V, Davong V, Phommasone K, Sirisouk J, Blacksell SD, Nawtaisong P, Moore CE, Castonguay-Vanier J, Dittrich S, Rattanavong S, Chang K, Darasavath C, Rattanavong O, Paris DH, Phetsouvanh R. A Prospective, Open-label, Randomized Trial of Doxycycline Versus Azithromycin for the Treatment of Uncomplicated Murine Typhus. *Clin Infect Dis*. 2019 Feb 15;68(5):738-747.
130. Saralamba N, **Mayxay M**, Newton PN, Smithuis F, Nosten F, Archasuksan L, Pukrittayakamee S, White NJ, Day NPJ, Dondorp AM, Imwong M. Genetic polymorphisms in the circumsporozoite protein of *Plasmodium malariae* show a geographical bias. *Malar J*. 2018 Jul 16;17(1):269.
131. Henriques G, Phommasone K, Tripura R, Peto TJ, Raut S, Snethlage C, Sambo I, Sanann N, Nguon C, Adhikari B, Pongvongsa T, Imwong M, von Seidlein L, Day NP, White NJ, Dondorp AM, Newton P, Ley B, **Mayxay M**. Comparison of glucose-6 phosphate dehydrogenase status by fluorescent spot test and rapid diagnostic test in Lao PDR and Cambodia. *Malar J*. 2018 Jun 22;17(1):243. doi: 10.1186/s12936-018-2390-6.
132. Klopogge F, Workman L, Borrmann S, Tékété M, Lefèvre G, Hamed K, Piola P, Ursing J, Kofoed PE, Mårtensson A, Ngasala B, Björkman A, Ashton M, Friberg Hietala S, Aweeka F, Parikh S, Mwai L, Davis TME, Karunajeewa H, Salman S, Checchi F, Fogg C, Newton PN, **Mayxay M**, Deloron P, Faucher JF, Nosten F, Ashley EA, McGready R, van Vugt M, Proux S, Price RN, Karbwang J, Ezzet F, Bakshi R, Stepniewska K, White NJ, Guerin PJ, Barnes KI, Tarning J. Artemether-lumefantrine dosing for malaria treatment in young children and pregnant women: A pharmacokinetic-pharmacodynamic meta-analysis. *PLoS Med*. 2018 Jun 12;15(6):e1002579. doi: 10.1371/journal.pmed.1002579. eCollection 2018 Jun.
133. Haenssger MJ, Charoenboon N, Zanello G, **Mayxay M**, Reed-Tsochas F, Jones COH, Kosaikanont R, Praphattong P, Manohan P, Lubell Y, Newton PN, Keomany S, Wertheim HFL, Lienert J, Xayavong T, Warapikuptanun P, Khine Zaw Y, U-Thong P, Benjaroon P, Sangkham N, Wibunjak K, Chai-In P, Chailert S, Thavethanuthanawin P, Promsutt K, Thepkhamkong A, Sithongdeng N, Keovilayvanh M, Khamsoukthavong N, Phanthasomchit P, Phanthavong C, Boualaiseng S, Vongsavang S, Greer RC, Althaus T, Nedsuwan S, Intralawan D, Wangrangsimakul T, Limmathurotsakul D, Ariana P. Antibiotics and activity spaces: protocol of an exploratory study of behaviour, marginalisation and knowledge diffusion. *BMJ Glob Health*. 2018 Mar 28;3(2):e000621. doi: 10.1136/bmjgh-2017-000621. eCollection 2018.
134. Dittrich S, Boutthasavong L, Keokhamhoung D, Phuklia W, Craig SB, Tulsiani SM, Burns MA, Weier SL, Dance DAB, Davong V, Vongsouvath M, **Mayxay M**, Phetsouvanh R, Newton PN, Woods K. A Prospective Hospital Study to Evaluate the Diagnostic Accuracy of Rapid Diagnostic Tests for the Early Detection of Leptospirosis in Laos. *Am J Trop Med Hyg*. 2018 Apr;98(4):1056-1060. doi: 10.4269/ajtmh.17-0702. Epub 2018 Feb 22.
135. Castonguay-Vanier J, Klitting R, Sengvilaipaseuth O, Piorkowski G, Baronti C, Sibounheuang B, Vongsouvath M, Chanthongthip A, Thongpaseuth S, **Mayxay M**, Phommasone K, Douangdala P, Inthalath S, Souvannasing P, Newton PN, de Lamballerie X, Dubot-Pérès A. Molecular epidemiology of dengue viruses in three provinces of Lao PDR, 2006-2010. *PLoS Negl Trop Dis*. 2018 Jan 29;12(1):e0006203. doi: 10.1371/journal.pntd.0006203. eCollection 2018 Jan.
136. Srisutham S, Saralamba N, Sriprawat K, **Mayxay M**, Smithuis F, Nosten F, Pukrittayakamee S, Day NPJ, Dondorp AM, Imwong M. Genetic diversity of three surface protein genes in *Plasmodium malariae* from three Asian countries. *Malar J*. 2018 Jan 11;17(1):24. doi: 10.1186/s12936-018-2176-x.
137. Adhikari B, Phommasone K, Kommarasy P, Soundala X, Souvanthong P, Pongvongsa T, Henriques G, Newton PN, White NJ, Day NPJ, Dondorp AM, von Seidlein L, **Mayxay M**, Cheah PY, Pell C. Why do people participate in mass anti-malarial administration? Findings from a qualitative study in Nong District, Savannakhet Province, Lao PDR (Laos). *Malar J*. 2018 Jan 9;17(1):15. doi: 10.1186/s12936-017-2158-4.

138. Chansamouth V, McGready R, Chommanam D, Homsombath S, [Mayxay M](#), Newton PN. Enrolling pregnant women in research: ethical challenges encountered in Lao PDR (Laos). *Reprod Health*. 2017 Dec 14;14(Suppl 3):167. doi: 10.1186/s12978-017-0428-9.
139. Phouangsouvanh S, [Mayxay M](#), Keoluangkhot V, Vongsouvath M, Davong V, Dance DAB. Antimicrobial susceptibility of *Neisseria gonorrhoeae* isolates in Vientiane, Lao PDR. *J Glob Antimicrob Resist*. 2017 Dec 8;13:91-93. doi: 10.1016/j.jgar.2017.12.001. [Epub ahead of print]
140. Tun STT, von Seidlein L, Pongvongsa T, [Mayxay M](#), Saralamba S, Kyaw SS, Chanthavilay P, Celhay O, Nguyen TD, Tran TN, Parker DM, Boni MF, Dondorp AM, White LJ. Towards malaria elimination in Savannakhet, Lao PDR: mathematical modelling driven strategy design. *Malar J*. 2017 Nov 28;16(1):483. doi: 10.1186/s12936-017-2130-3.
141. Adhikari B, Phommasone K, Pongvongsa T, Kommarasy P, Soundala X, Henriques G, White NJ, Day NPJ, Dondorp AM, von Seidlein L, Cheah PY, Pell C, [Mayxay M](#). Factors associated with population coverage of targeted malaria elimination (TME) in southern Savannakhet Province, Lao PDR. *Malar J*. 2017 Oct 23;16(1):424. doi: 10.1186/s12936-017-2070-y.
142. Adhikari B, Pell C, Phommasone K, Soundala X, Kommarasy P, Pongvongsa T, Henriques G, Day NPJ, [Mayxay M](#), Cheah PY. Elements of effective community engagement: lessons from a targeted malaria elimination study in Lao PDR (Laos). *Glob Health Action*. 2017;10(1):1366136. doi: 10.1080/16549716.2017.1366136.
143. Nguyen VH, Dubot-Pérès A, Russell FM, Dance DAB, Vilivong K, Phommachan S, Syladeth C, Lai J, Lim R, Morpeth M, [Mayxay M](#), Newton PN, Richet H, De Lamballerie X. Acute respiratory infections in hospitalized children in Vientiane, Lao PDR - the importance of Respiratory Syncytial Virus. *Sci Rep*. 2017 Aug 24;7(1):9318. doi: 10.1038/s41598-017-09006-6.
144. Caillet C, Sichanh C, Assemet G, Malet-Martino M, Sommet A, Bagheri H, Sengxeu N, Mongkhonmath N, [Mayxay M](#), Syhakhang L, Lapeyre-Mestre M, Newton PN, Roussin A. Role of Medicines of Unknown Identity in Adverse Drug Reaction-Related Hospitalizations in Developing Countries: Evidence from a Cross-Sectional Study in a Teaching Hospital in the Lao People's Democratic Republic. *Drug Saf*. 2017 May 20. doi: 10.1007/s40264-017-0544-z. [Epub ahead of print]
145. Wada T, Nakahara S, Bounta B, Phommahaxay K, Phonelervong V, Phommachanh S, [Mayxay M](#), Manivong T, Phoutsavath P, Ichikawa M, Kimura A. Road traffic injury among child motorcyclists in Vientiane Capital, Laos: a cross-sectional study using a hospital-based injury surveillance database. *Int J Inj Contr Saf Promot*. 2017 Jun;24(2):152-157. doi: 10.1080/17457300.2015.1080728. Epub 2015 Sep 1.
146. Ataide R, Ashley EA, Powell R, Chan JA, Malloy MJ, O'Flaherty K, Takashima E, Langer C, Tsuboi T, Dondorp AM, Day NP, Dhorda M, Fairhurst RM, Lim P, Amaratunga C, Pukrittayakamee S, Hien TT, Htut Y, [Mayxay M](#), Faiz MA, Beeson JG, Nosten F, Simpson JA, White NJ, Fowkes FJ. Host immunity to *Plasmodium falciparum* and the assessment of emerging artemisinin resistance in a multinational cohort. *Proc Natl Acad Sci U S A*. 2017 Mar 28;114(13):3515-3520. doi: 10.1073/pnas.1615875114. Epub 2017 Mar 13.
147. Imwong M, Suwannasin K, Kunasol C, Sutawong K, [Mayxay M](#), Rekol H, Smithuis FM, Hlaing TM, Tun KM, van der Pluijm RW, Tripura R, Miotto O, Menard D, Dhorda M, Day NP, White NJ, Dondorp AM. The spread of artemisinin-resistant *Plasmodium falciparum* in the Greater Mekong Subregion: a molecular epidemiology observational study. *Lancet Infect Dis*. 2017 Feb 1. pii: S1473-3099(17)30048-8. doi: 10.1016/S1473-3099(17)30048-8. [Epub ahead of print]
148. Sengvilaipaseuth O, Phommasone K, de Lamballerie X, Vongsouvath M, Phonemixay O, Blacksell SD, [Mayxay M](#), Keomany S, Souvannasing P, Newton PN, Dubot-Pérès A. Temperature of a Dengue Rapid Diagnostic Test under Tropical Climatic Conditions: A Follow Up Study. *PLoS One*. 2017 Jan 27;12(1):e0170359. doi: 10.1371/journal.pone.0170359. Erratum in: *PLoS One*. 2017 Feb 16;12(2):e0172658.



149. Bell D, Bwanika JB, Cunningham J, Gatton M, González IJ, Hopkins H, Kibira SP, Kyabayinze DJ, [Mayxay M](#), Ndawula B, Newton PN, Phommasone K, Streat E, Umlauf R; Malaria RDT Positive Control Well Field Study Group. Prototype Positive Control Wells for Malaria Rapid Diagnostic Tests: Prospective Evaluation of Implementation Among Health Workers in Lao People's Democratic Republic and Uganda. *Am J Trop Med Hyg.* 2017 Feb 8;96(2):319-329. doi: 10.4269/ajtmh.16-0498.
150. Grist EP, Flegg JA, Humphreys G, Mas IS, Anderson TJ, Ashley EA, Day NP, Dhorda M, Dondorp AM, Faiz MA, Gething PW, Hien TT, Hlaing TM, Imwong M, Kindermans JM, Maude RJ, [Mayxay M](#), McDew-White M, Menard D, Nair S, Nosten F, Newton PN, Price RN, Pukrittayakamee S, Takala-Harrison S, Smithuis F, Nguyen NT, Tun KM, White NJ, Witkowski B, Woodrow CJ, Fairhurst RM, Sibley CH, Guerin PJ. Optimal health and disease management using spatial uncertainty: a geographic characterization of emergent artemisinin-resistant *Plasmodium falciparum* distributions in Southeast Asia. *Int J Health Geogr.* 2016 Oct 24;15(1):37.
151. Cheah PY, Newton PN, [Mayxay M](#). The first Science Café in Laos. *Lancet.* 2016 Oct 1;388(10052):1376. doi: 10.1016/S0140-6736(16)31742-1. No abstract available.
152. Saralamba N, Nakeesathit S, [Mayxay M](#), Newton PN, Osorio L, Kim JR, White NJ, Day NP, Dondorp AM, Imwong M. Geographic distribution of amino acid mutations in DHFR and DHPS in *Plasmodium vivax* isolates from Lao PDR, India and Colombia. *Malar J.* 2016 Sep 21;15(1):484.
153. Chanthavilay P, Reinharz D, [Mayxay M](#), Phongsavan K, Marsden DE, Moore L, White LJ. Economic Evaluation of Screening Strategies Combined with HPV Vaccination of Preadolescent Girls for the Prevention of Cervical Cancer in Vientiane, Lao PDR. *PLoS One.* 2016 Sep 15;11(9):e0162915. doi: 10.1371/journal.pone.0162915.
154. Briand V, Le Hesran JY, [Mayxay M](#), Newton PN, Bertin G, Houzé S, Keomany S, Inthavong Y, Vannavong N, Chindavongsa K, Hongvanthong B, Fievet N. Prevalence of malaria in pregnancy in southern Laos: a cross-sectional survey. *Malar J.* 2016 Aug 26;15(1):436. doi: 10.1186/s12936-016-1492-2.
155. Chanthavilay P, Reinharz D, [Mayxay M](#), Phongsavan K, Marsden DE, Moore L, White LJ. The economic evaluation of human papillomavirus vaccination strategies against cervical cancer in women in Lao PDR: a mathematical modelling approach. *BMC Health Serv Res.* 2016 Aug 22;16(1):418. doi: 10.1186/s12913-016-1662-5.
156. Goh YS, Peng K, Chia WN, Siau A, Chotivanich K, Gruner AC, Preiser P, [Mayxay M](#), Pukrittayakamee S, Sriprawat K, Nosten F, White NJ, Renia L. Neutralizing Antibodies against *Plasmodium falciparum* Associated with Successful Cure after Drug Therapy. *PLoS One.* 2016 Jul 18;11(7):e0159347. doi: 10.1371/journal.pone.0159347.
157. Phommasone K, Adhikari B, Henriques G, Pongvongsa T, Phongmany P, von Seidlein L, White NJ, Day NP, M Dondorp A, Newton PN, Imwong M, [Mayxay M](#). Asymptomatic *Plasmodium* infections in 18 villages of southern Savannakhet Province, Lao PDR (Laos). *Malar J.* 2016 May 27;15(1):296. doi: 10.1186/s12936-016-1336-0.
158. WWARN Gametocyte Study Group. Gametocyte carriage in uncomplicated *Plasmodium falciparum* malaria following treatment with artemisinin combination therapy: a systematic review and meta-analysis of individual patient data. *BMC Med.* 2016 May 24;14:79. doi: 10.1186/s12916-016-0621-7. Review.
159. Vongsouvath M, Phommasone K, Sengvilaipaseuth O, Kosoltanapiwat N, Chantratita N, Blacksell SD, Lee SJ, de Lamballerie X, [Mayxay M](#), Keomany S, Newton PN, Dubot-Pères A. Using Rapid Diagnostic Tests as a Source of Viral RNA for Dengue Serotyping by RT-PCR - A Novel Epidemiological Tool. *PLoS Negl Trop Dis.* 2016 May 9;10(5):e0004704. doi: 10.1371/journal.pntd.0004704.
160. Vongsouvath M, Phommasone K, Sengvilaipaseuth O, Kosoltanapiwat N, Chantratita N, Blacksell SD, Lee SJ, de Lamballerie X, [Mayxay M](#), Keomany S, Newton PN, Dubot-Pères A. Using Rapid Diagnostic Tests as a Source of Viral RNA for Dengue Serotyping by RT-

- PCR - A Novel Epidemiological Tool. *PLoS Negl Trop Dis*. 2016 May 9;10(5):e0004704. doi: 10.1371/journal.pntd.0004704.
161. Taberner P, Parker M, Ravinetto R, Phanouvong S, Yeung S, Kitutu FE, Cheah PY, [Mayxay M](#), Guerin PJ, Newton PN. Ethical challenges in designing and conducting medicine quality surveys. *Trop Med Int Health*. 2016 Jun;21(6):799-806. doi: 10.1111/tmi.12707.
162. Phommachanh S, Ichikawa M, Nakahara S, [Mayxay M](#), Kimura A. Student motorcyclists' mobile phone use while driving in Vientiane, Laos. *Int J Inj Contr Saf Promot*. 2016 Apr 20:1-6. [Epub ahead of print]
163. Lubell Y, Althaus T, Blacksell SD, Paris DH, [Mayxay M](#), Pan-Ngum W, White LJ, Day NP, Newton PN. Modelling the Impact and Cost-Effectiveness of Biomarker Tests as Compared with Pathogen-Specific Diagnostics in the Management of Undifferentiated Fever in Remote Tropical Settings. *PLoS One*. 2016 Mar 30;11(3):e0152420. doi:10.1371/journal.pone.0152420.
164. Beardsley J, Wolbers M, Kibengo FM, Ggayi AB, Kamali A, Cuc NT, Binh TQ, Chau NV, Farrar J, Merson L, Phuong L, Thwaites G, Van Kinh N, Thuy PT, Chierakul W, Siriboon S, Thiansukhon E, Onsanit S, Supphamongkholchaikul W, Chan AK, Heyderman R, Mwinjiwa E, van Oosterhout JJ, Imran D, Basri H, [Mayxay M](#), Dance D, Phimmasone P, Rattanavong S, Laloo DG, Day JN; CryptoDex Investigators. Adjunctive Dexamethasone in HIV-Associated Cryptococcal Meningitis. *N Engl J Med*. 2016 Feb 11;374(6):542-54. doi: 10.1056/NEJMoa1509024.
165. Phommasone K, Althaus T, Souvanthong P, Phakhounthong K, Soyvienvong L, Malapheth P, [Mayxay M](#), Pavlicek RL, Paris DH, Dance D, Newton P, Lubell Y. Accuracy of commercially available c-reactive protein rapid tests in the context of undifferentiated fevers in rural Laos. *BMC Infect Dis*. 2016 Feb 4;16:61. doi: 10.1186/s12879-016-1360-2.
166. Cheeseman IH, Miller B, Tan JC, Tan A, Nair S, Nkhoma SC, De Donato M, Rodolfo H, Dondorp A, Branch OH, Mesia LR, Newton P, [Mayxay M](#), Amambua-Ngwa A, Conway DJ, Nosten F, Ferdig MT, Anderson TJ. Population Structure Shapes Copy Number Variation in Malaria Parasites. *Mol Biol Evol*. 2016 Mar;33(3):603-20. doi: 10.1093/molbev/msv282.
167. Lubell Y, Blacksell SD, Dunachie S, Tanganuchitcharnchai A, Althaus T, Watthanaworawit W, Paris DH, [Mayxay M](#), Peto TJ, Dondorp AM, White NJ, Day NP, Nosten F, Newton PN, Turner P. Performance of C-reactive protein and procalcitonin to distinguish viral from bacterial and malarial causes of fever in Southeast Asia. *BMC Infect Dis*. 2015 Nov 11;15:511. doi: 10.1186/s12879-015-1272-6.
168. WWARN Parasite Clearance Study Group. Abdulla S, Ashley EA, Bassat Q, Bethell D, Björkman A, Borrmann S, D'Alessandro U, Dahal P, Day NP, Diakite M, Djimde AA, Dondorp AM, Duong S, Edstein MD, Fairhurst RM, Faiz MA, Falade C, Flegg JA, Fogg C, Gonzalez R, Greenwood B, Guérin PJ, Guthmann JP, Hamed K, Hien TT, Htut Y, Juma E, Lim P, Mårtensson A, [Mayxay M](#), Mokuolu OA, Moreira C, Newton P, Noedl H, Nosten F, Ogutu BR, Onyamboko MA, Owusu-Agyei S, Phyto AP, Premji Z, Price RN, Pukrittayakamee S, Ramharter M, Sagara I, Se Y, Suon S, Stepniewska K, Ward SA, White NJ, Winstanley PA. Baseline data of parasite clearance in patients with falciparum malaria treated with an artemisinin derivative: an individual patient data meta-analysis. *Malar J*. 2015 Sep 22;14:359. doi: 10.1186/s12936-015-0874-1.
169. WorldWide Antimalarial Resistance Network (WWARN) Lumefantrine PK/PD Study Group. Artemether-lumefantrine treatment of uncomplicated Plasmodium falciparum malaria: a systematic review and meta-analysis of day 7 lumefantrine concentrations and therapeutic response using individual patient data. *BMC Med*. 2015 Sep 18;13:227. doi: 10.1186/s12916-015-0456-7. Review. Erratum in: *BMC Med*. 2016 Dec 20;14 (1):214.
170. Chanthavilay P, [Mayxay M](#), Phongsavan K, Marsden DE, White LJ, Moore L, Reinharz D. Accuracy of Combined Visual Inspection with Acetic Acid and Cervical Cytology Testing as a Primary Screening Tool for Cervical Cancer: a Systematic Review and Meta-Analysis. *Asian Pac J Cancer Prev*. 2015;16(14):5889-97.

171. [Mayxay M](#), Sengvilaipaseuth O, Chanthongthip A, Dubot-Pérès A, Rolain JM, Parola P, Craig SB, Tulsiani S, Burns MA, Khanthavong M, Keola S, Pongvongsa T, Raoult D, Dittrich S, Newton PN. Causes of Fever in Rural Southern Laos. *Am J Trop Med Hyg*. 2015 Jul 6. pii: 14-0772.
172. Caillet C, Sichanh C, Syhakhang L, Delpierre C, Manithip C, [Mayxay M](#), Lapeyre-Mestre M, Newton PN, Roussin A. Population awareness of risks related to medicinal product use in Vientiane Capital, Lao PDR: a cross-sectional study for public health improvement in low and middle income countries. *BMC Public Health*. 2015 Jun 27;15:590. doi: 10.1186/s12889-015-1948-2.
173. Taberner P, [Mayxay M](#), Culzoni MJ, Dwivedi P, Swamidoss I, Allan EL, Khanthavong M, Phonlavong C, Vilayhong C, Yeuchaixiong S, Sichanh C, Sengaloundeth S, Kaur H, Fernández FM, Green MD, Newton PN. A Repeat Random Survey of the Prevalence of Falsified and Substandard Antimalarials in the Lao PDR: A Change for the Better. *Am J Trop Med Hyg*. 2015 Apr 20. pii: 15-0057.
174. Keita AK, Dubot-Pérès A, Phommasone K, Sibounheuang B, Vongsouvath M, [Mayxay M](#), Raoult D, Newton PN, Fenollar F. High prevalence of *Tropheryma whipplei* in Lao kindergarten children. *PLoS Negl Trop Dis*. 2015 Feb 20;9(2):e0003538. doi: 10.1371/journal.pntd.0003538.
175. Miotto O, Amato R, Ashley EA, MacInnis B, Almagro-Garcia J, Amaratunga C, Lim P, Mead D, Oyola SO, Dhorda M, Imwong M, Woodrow C, Manske M, Stalker J, Drury E, Campino S, Amenga-Etego L, Thanh TN, Tran HT, Ringwald P, Bethell D, Nosten F, Phyto AP, Pukrittayakamee S, Chotivanich K, Chuor CM, Nguon C, Suon S, Sreng S, Newton PN, [Mayxay M](#), Khanthavong M, Hongvanthong B, Htut Y, Han KT, Kyaw MP, Faiz MA, Fanello CI, Onyamboko M, Mokuolu OA, Jacob CG, Takala-Harrison S, Plowe CV, Day NP, Dondorp AM, Spencer CC, McVean G, Fairhurst RM, White NJ, Kwiatkowski DP. Genetic architecture of artemisinin-resistant *Plasmodium falciparum*. *Nat Genet*. 2015 Mar;47(3):226-34. doi: 10.1038/ng.3189. Epub 2015 Jan 19.
176. [Mayxay M](#), Soukaloun D, Newton PN (2014) A two-month-old Lao girl with dysnoea, irritability, poor breastfeeding and grunting. In: *Clinical Cases in Tropical Medicine*, Ed. Camilla Rothe, Elsevier-Saunders, pp. 185-187.
177. Newton PN, Keoluangkhot V, [Mayxay M](#), Michael D Green, Facundo M Fernández (2014) A 30-year-old male Chinese trader with fever. In: *Clinical Cases in Tropical Medicine*, Ed. Camilla Rothe, Elsevier-Saunders, pp. 168- 170.
178. Brown TS, Jacob CG, Silva JC, Takala-Harrison S, Djimdé A, Dondorp AM, Fukuda M, Noedl H, Nyunt MM, Kyaw MP, [Mayxay M](#), Hien TT, Plowe CV, Cummings MP. *Plasmodium falciparum* field isolates from areas of repeated emergence of drug resistant malaria show no evidence of hypermutator phenotype. *Infect Genet Evol*. 2015 Mar;30:318-22. doi: 10.1016/j.meegid.2014.12.010. Epub 2014 Dec 13.
179. Rattanavong S, Fournier PE, Chu V, Frichitthavong K, Kesone P, [Mayxay M](#), Mirabel M, Newton PN. *Bartonella henselae* endocarditis in Laos - 'the unsought will go undetected'. *PLoS Negl Trop Dis*. 2014 Dec 11;8(12):e3385. doi: 10.1371/journal.pntd.0003385. eCollection 2014 Dec.
180. Mok S, Ashley EA, Ferreira PE, Zhu L, Lin Z, Yeo T, Chotivanich K, Imwong M, Pukrittayakamee S, Dhorda M, Nguon C, Lim P, Amaratunga C, Suon S, Hien TT, Htut Y, Faiz MA, Onyamboko MA, [Mayxay M](#), Newton PN, Tripura R, Woodrow CJ, Miotto O, Kwiatkowski DP, Nosten F, Day NP, Preiser PR, White NJ, Dondorp AM, Fairhurst RM, Bozdech Z. Drug resistance. Population transcriptomics of human malaria parasites reveals the mechanism of artemisinin resistance. *Science*. 2015 Jan 23;347(6220):431-5. doi: 10.1126/science.1260403. Epub 2014 Dec 11.
181. White NJ, Ashley EA, Recht J, Delves MJ, Ruecker A, Smithuis FM, Eziefula AC, Bousema T, Drakeley C, Chotivanich K, Imwong M, Pukrittayakamee S, Prachumsri J, Chu C, Andolina C, Bancone G, Hien TT, [Mayxay M](#), Taylor WR, von Seidlein L, Price RN, Barnes KI, Djimdé A, ter Kuile F, Gosling R, Chen I, Dhorda MJ, Stepniewska K, Guérin P, Woodrow CJ, Dondorp AM, Day NP, Nosten FH. Assessment of therapeutic responses to

gametocytocidal drugs in *Plasmodium falciparum* malaria. *Malar J.* 2014 Dec 9;13:483. doi: 10.1186/1475-2875-13-483.

182. Day J, Imran D, Ganiem AR, Tjahjani N, Wahyuningsih R, Adawiyah R, Dance D, **Mayxay M**, Newton P, Phetsouvanh R, Rattanavong S, Chan AK, Heyderman R, van Oosterhout JJ, Chierakul W, Day N, Kamali A, Kibengo F, Ruzagira E, Gray A, Laloo DG, Beardsley J, Binh TQ, Chau TT, Chau NV, Cuc NT, Farrar J, Hien TT, Van Kinh N, Merson L, Phuong L, Tho LT, Thuy PT, Thwaites G, Wertheim H, Wolbers M. *CryptoDex*: a randomised, double-blind, placebo-controlled phase III trial of adjunctive dexamethasone in HIV-infected adults with cryptococcal meningitis: study protocol for a randomised control trial. *Trials.* 2014 Nov 12;15:441. doi: 10.1186/1745-6215-15-441.
183. Takala-Harrison S, Jacob CG, Arze C, Cummings MP, Silva JC, Dondorp AM, Fukuda MM, Hien TT, **Mayxay M**, Noedl H, Nosten F, Kyaw MP, Nhien NT, Imwong M, Bethell D, Se Y, Lon C, Tyner SD, Saunders DL, Arieu F, Mercereau-Puijalon O, Menard D, Newton PN, Khanthavong M, Hongvanthong B, Starzengruber P, Fuehrer HP, Swoboda P, Khan WA, Phyo AP, Nyunt MM, Nyunt MH, Brown TS, Adams M, Pepin CS, Bailey J, Tan JC, Ferdig MT, Clark TG, Miotto O, MacInnis B, Kwiatkowski DP, White NJ, Ringwald P, Plowe CV. Independent emergence of artemisinin resistance mutations among *Plasmodium falciparum* in Southeast Asia. *J Infect Dis.* 2015 Mar 1;211(5):670-9. doi: 10.1093/infdis/jiu491.
184. Ashley EA, Dhorda M, Fairhurst RM, Amaratunga C, Lim P, Suon S, Sreng S, Anderson JM, Mao S, Sam B, Sopha C, Chuor CM, Nguon C, Sovannaroeth S, Pukrittayakamee S, Jittamala P, Chotivanich K, Chutasmit K, Suchatsoonthorn C, Runcharoen R, Hien TT, Thuy-Nhien NT, Thanh NV, Phu NH, Htut Y, Han KT, Aye KH, Mokuolu OA, Olaosebikan RR, Folaranmi OO, **Mayxay M**, Khanthavong M, Hongvanthong B, Newton PN, Onyamboko MA, Fanello CI, Tshefu AK, Mishra N, Valecha N, Phyo AP, Nosten F, Yi P, Tripura R, Borrmann S, Bashraheil M, Peshu J, Faiz MA, Ghose A, Hossain MA, Samad R, Rahman MR, Hasan MM, Islam A, Miotto O, Amato R, MacInnis B, Stalker J, Kwiatkowski DP, Bozdech Z, Jeeyapant A, Cheah PY, Sakulthaew T, Chalk J, Intharabut B, Silamut K, Lee SJ, Vihokhern B, Kunasol C, Imwong M, Tarning J, Taylor WJ, Yeung S, Woodrow CJ, Flegg JA, Das D, Smith J, Venkatesan M, Plowe CV, Stepniewska K, Guerin PJ, Dondorp AM, Day NP, White NJ; Tracking Resistance to Artemisinin Collaboration (TRAC). Spread of artemisinin resistance in *Plasmodium falciparum* malaria. *N Engl J Med.* 2014 Jul 31;371(5):411-23. doi: 10.1056/NEJMoa1314981. Erratum in: *N Engl J Med.* 2014 Aug 21;371(8):786.
185. **Mayxay M**, Khanthavong M, Cox L, Sichanthongthip O, Imwong M, Pongvongsa T, Hongvanthong B, Phompida S, Vanisaveth V, White NJ, Newton PN. Thiamin supplementation does not reduce the frequency of adverse events after anti-malarial therapy among patients with *falciparum* malaria in southern Laos. *Malar J.* 2014 Jul 15;13:275. doi: 10.1186/1475-2875-13-275.
186. **Mayxay M**, Castonguay-Vanier J, Chansamouth V, Dubot-Pérès A, Paris DH, Phetsouvanh R, Tangkhabuanbutra J, Douangdala P, Inthalth S, Souvannasing P, Slesak G, Tongyoo N, Chanthongthip A, Panyanouvong P, Sibounheuang B, Phommasone K, Dohnt M, Phonekeo D, Hongvanthong B, Xayadeth S, Ketmayoon P, Blacksell SD, Moore CE, Craig SB, Burns MA, von Sonnenburg F, Corwin A, de Lamballerie X, González IJ, Christophel EM, Cawthorne A, Bell D, Newton PN. Causes of non-malarial fever in Laos: a prospective study. *Lancet Glob Health* 2013; 1: e46–54.
187. Flegg JA, Guérin PJ, Nosten F, Ashley EA, Phyo AP, Dondorp AM, Fairhurst RM, Socheat D, Borrmann S, Björkman A, Mårtensson A, **Mayxay M**, Newton PN, Bethell D, Se Y, Noedl H, Diakite M, Djimde AA, Hien TT, White NJ, Stepniewska K. Optimal sampling designs for estimation of *Plasmodium falciparum* clearance rates in patients treated with artemisinin derivatives. *Malar J.* 2013 Nov 13;12(1):411.
188. Ichikawa M, Nakahara S, Phommachanh S, **Mayxay M**, Kimura A. Roadside observation of secondary school students' commuting to school in Vientiane, Laos. *Int J Inj Contr Saf Promot.* 2013 Oct 18.
189. Phommasone K, Paris DH, Anantatat T, Castonguay-Vanier J, Keomany S, Souvannasing P, Blacksell SD, **Mayxay M**, Newton PN. Concurrent infection with murine typhus and scrub

typhus in southern Laos--the mixed and the unmixed. PLoS Negl Trop Dis. 2013 Aug 29;7(8):e2163. doi: 10.1371/journal.pntd.0002163.

190. [Mayxay M](#), Hansana V, Sengphilom B, Oulay L, Thammavongsa V, Somphet V, Taykeophithoune C, Nathavong S, Phanthady J, Chareunvong K, Chanthavilay P, Sychareun V. Respiratory illness healthcare-seeking behavior assessment in the Lao People's Democratic Republic (Laos). BMC Public Health. 2013 May 4;13:444. doi: 10.1186/1471-2458-13-444.
191. [Mayxay M](#), Cui W, Thammavong S, Khensakhou K, Vongxay V, Inthasoum L, Sychareun V, Armstrong G. Dengue in peri-urban Pak-Ngum district, Vientiane capital of Laos: a community survey on knowledge, attitudes and practices. BMC Public Health. 2013 May 3;13:434. doi: 10.1186/1471-2458-13-434.
192. Green MD, [Mayxay M](#), Beach R, Pongvongsa T, Phompida S, Hongvanthong B, Vanisaveth V, Newton PN, Vizcaino L, Swamidoss I. Evaluation of a rapid colorimetric field test to assess the effective life of long-lasting insecticide-treated mosquito nets in the Lao PDR. Malar J. 2013 Feb 7;12:57. doi: 10.1186/1475-2875-12-57.
193. Rattanavong S, Vongthongchit S, Bounphamala K, Vongphakdy P, Gubler J, [Mayxay M](#), Phetsouvanh R, Elliott I, Logan J, Hill R, Newton PN, Dance D. Actinomycetoma in SE Asia: the first case from Laos and a review of the literature. BMC Infect Dis. 2012 Dec 12;12:349. doi: 10.1186/1471-2334-12-349.
194. White LJ, Newton PN, Maude RJ, Pan-ngum W, Fried JR, [Mayxay M](#), Maude RR, Day NP. Defining disease heterogeneity to guide the empirical treatment of febrile illness in resource poor settings. PLoS One. 2012;7(9):e44545. doi: 10.1371/journal.pone.0044545.
195. Sychareun V, Phengsavanh A, Hansana V, Phommachanh S, [Mayxay M](#), Tomson T. Health policymakers' knowledge and opinions of physicians smoking and tobacco policy control in Lao PDR. BMC Public Health. 2012 Sep 21;12:816. doi: 10.1186/1471-2458-12-816.
196. Moore CE, Blacksell SD, Taojaikong T, Jarman RG, Gibbons RV, Lee SJ, Chansamouth V, Thongpaseuth S, [Mayxay M](#), Newton PN. A prospective assessment of the accuracy of commercial IgM ELISAs in diagnosis of Japanese encephalitis virus infections in patients with suspected central nervous system infections in Laos. Am J Trop Med Hyg. 2012 Jul;87(1):171-8. doi: 10.4269/ajtmh.2012.11-0729.
197. [Mayxay M](#), Khanthavong M, Chanthongthip O, Imwong M, Pongvongsa T, Hongvanthong B, Phompida S, Vanisaveth V, White NJ, Newton PN. Efficacy of artemether-lumefantrine, the nationally-recommended artemisinin combination for the treatment of uncomplicated falciparum malaria, in southern Laos. Malar J. 2012 Jun 8;11(1):184.
198. Yalcindag E, Elguero E, Arnathau C, Durand P, Akiana J, Anderson TJ, Aubouy A, Balloux F, Besnard P, Bogreau H, Carnevale P, D'Alessandro U, Fontenille D, Gamboa D, Jombart T, Le Mire J, Leroy E, Maestre A, [Mayxay M](#), Ménard D, Musset L, Newton PN, Nkoghé D, Noya O, Ollomo B, Rogier C, Veron V, Wide A, Zakeri S, Carme B, Legrand E, Chevillon C, Ayala FJ, Renaud F, Prugnolle F. Multiple independent introductions of *Plasmodium falciparum* in South America. Proc Natl Acad Sci U S A. 2012 Jan 10;109(2):511-6.
199. [Mayxay M](#), Khanthavong M, Chanthongthip O, Imwong M, Lee SJ, Stepniewska K, Soonthornsata B, Pongvongsa T, Phompida S, Hongvanthong B, Ringwald P, White NJ, Newton PN. No evidence for spread of *Plasmodium falciparum* artemisinin resistance to Savannakhet Province, Southern Laos. Am J Trop Med Hyg. 2012 Mar;86(3):403-8.
200. Xaysanavong C, Latsavong K, Boupha S, Menorath S, [Mayxay M](#). Risk factors associated with Type II diabetes mellitus among Lao patients at Out-patient Department, Setthathirath Hospital, Vientiane, Laos. Lao Medical Journal. 2012 Apr; 3: 25-31.
201. Cheeseman IH, Miller BA, Nair S, Nkhoma S, Tan A, Tan JC, Al Saai S, Phyo AP, Moo CL, Lwin KM, McGready R, Ashley E, Imwong M, Stepniewska K, Yi P, Dondorp AM, [Mayxay M](#), Newton PN, White NJ, Nosten F, Ferdig MT, Anderson TJ. A major genome region underlying artemisinin resistance in malaria. Science. 2012 Apr 6; 336(6077):79-82.

202. Hang S, Kowa T, Chongying P, Yiachao X, Boupcha S, Menorath S, [Mayxay M](#). Feedbacks by the sixth year medical students (academic year 2010-2011) on the current teaching-learning of Faculty of Medicine, University of Health Sciences, Vientiane, Laos. *Lao Medical Journal* 2012. Apr 3; 32-40.
203. Mok S, Imwong M, Mackinnon MJ, Sim J, Ramadoss R, Yi P, [Mayxay M](#), Chotivanich K, Liong KY, Russell B, Socheat D, Newton PN, Day NP, White NJ, Preiser PR, Nosten F, Dondorp AM, Bozdech Z. Artemisinin resistance in *Plasmodium falciparum* is associated with an altered temporal pattern of transcription. *BMC Genomics*. 2011 Aug 3;12:391.
204. Outthachack V, Sihavong A, [Mayxay M](#). Home care of under-5-children with diarrhea by caregivers before presenting to central hospitals, Vientiane Capital, Lao PDR. *Lao Medical Journal*. 2011 Apr 2; 33-40.
205. [Mayxay M](#). Parenteral artesunate will save ~ 200,000 children with severe malaria annually. *Lao Medical Journal*. 2012 Apr; 2: 3-8.
206. Phonphosy N, Norlinh V, Dalakone V, Bounmadila K, Boupcha S, Menorath S, [Mayxay M](#). Health-related advertisements on Lao television. *Lao Medical Journal*. 2012 Apr; 3: 41-47.
207. Khennavong M, Davone V, Vongsouvath M, Phetsouvanh R, Silisouk J, Rattana O, [Mayxay M](#), Castonguay-Vanier J, Moore CE, Strobel M, Newton PN. Urine antibiotic activity in patients presenting to hospitals in Laos: implications for worsening antibiotic resistance. *Am J Trop Med Hyg*. 2011 Aug;85(2):295-302.
208. Khounnorath S, Chamberlain K, Taylor AM, Soukaloun D, [Mayxay M](#), Lee SJ, Phengdy B, Luangxay K, Sisouk K, Soumphonphakdy B, Latsavong K, Akkhavong K, White NJ, Newton PN. Clinically unapparent infantile thiamin deficiency in Vientiane, Laos. *PLoS Negl Trop Dis*. 2011 Feb 22;5(2):e969
209. Slesak G, Mounlaphome K, Inthalad S, Phoutsavath O, [Mayxay M](#), Newton PN. Bowel obstruction from wild bananas: a neglected health problem in Laos. *Trop Doct*. 2011 Apr;41(2): 85-90.
210. [Mayxay M](#). Lao infants with vitamin B1 deficiency without apparent signs. *Lao Medical Journal*. 2011 Apr; 2: 9-14.
211. Soukaloun D, Lee SJ, Chamberlain K, Taylor AM, [Mayxay M](#), Sisouk K, Soumphonphakdy B, Latsavong K, Akkhavong K, Phommachanh D, Sengmeuang V, Luangxay K, McDonagh T, White NJ, Newton PN. Erythrocyte transketolase activity, markers of cardiac dysfunction and the diagnosis of infantile beriberi. *PLoS Negl Trop Dis*. 2011 Feb 22;5(2):e971
212. Phouangsouvanh S, Rajpho A, Phothisane S, Briayee B, [Mayxay M](#). Post-graduation expectation of final-year medical students. *Lao Medical Journal*. 2011 Apr; 2: 27-32.
213. [Mayxay M](#), Keomany S, Khanthavong M, Souvannasing P, Stepniwska K, Khomthilath T, Keola S, Pongvongsa T, Phompida S, Ubben D, Valecha N, White NJ, Newton PN. A phase III, randomized, non-inferiority trial to assess the efficacy and safety of dihydroartemisinin-piperaquine in comparison with artesunate-mefloquine in patients with uncomplicated *Plasmodium falciparum* malaria in southern Laos. *Am J Trop Med Hyg*. 2010 Dec;83(6):1221-9
214. [Mayxay M](#), Phetsouvanh R, Moore CE, Chansamouth V, Vongsouvath M, Sisouphone S, Vongphachanh P, Thaojaikong T, Thongpaseuth S, Phongmany S, Keolouangkhout V, Strobel M, Newton PN. Predictive diagnostic value of the tourniquet test for the diagnosis of dengue infection in adults. *Trop Med Int Health*. 2010 Oct 19. doi: 10.1111/j.1365-3156.2010.02641.x. [Epub ahead of print].
215. Valecha N, Phyo AP, [Mayxay M](#), Newton PN, Krudsood S, Keomany S, Khanthavong M, Pongvongsa T, Ruangveerayuth R, Uthaisil C, Ubben D, Duparc S, Bacchieri A, Corsi M, Rao BH, Bhattacharya PC, Dubhashi N, Ghosh SK, Dev V, Kumar A, Pukittayakamee S. An open-label, randomised study of dihydroartemisinin-piperaquine versus artesunate-mefloquine for falciparum malaria in Asia. *PLoS One*. 2010 Jul 30; 5(7): e11880.

216. Syhavong B, Rasachack B, Smythe L, Rolain JM, Roque-Afonso AM, Jenjaroen K, Soukkhaserm V, Phongmany S, Phetsouvanh R, Soukkhaserm S, Thammavong T, [Mayxay M](#), Blacksell SD, Barnes E, Parola P, Dussaix E, Raoult D, Humphreys I, Klenerman P, White NJ, Newton PN. The infective causes of hepatitis and jaundice amongst hospitalised patients in Vientiane, Laos. *Trans R Soc Trop Med Hyg*. 2010 Jul; 104(7): 475-83
217. Nair S, Nkhoma S, Nosten F, [Mayxay M](#), French N, Whitworth J, Anderson T. Genetic changes during laboratory propagation: copy number at the reticulocyte-binding protein 1 locus of *Plasmodium falciparum*. *Mol Biochem Parasitol*. 2010 Aug;172(2):145-8.
218. [Mayxay M](#). Malaria (Review). *Lao Medical Journal*. 2010. Sep;1:3-11.
219. Norsackprasert N, Tongsana S, Chu V, [Mayxay M](#). Risk factors associated with hypertension among Lao adults in Vientiane, Laos. *Lao Medical Journal* 2010. Sep; 1:40-45.
220. Thongphachanh I, Manivong L, [Mayxay M](#). Are all newly graduated medical doctors recruited in the government health sectors? *Lao Medical Journal* 2010. Sep; 46-52.
221. Stepniewska K, Ashley E, Lee SJ, Anstey N, Barnes KI, Binh TQ, D'Alessandro U, Day NP, de Vries PJ, Dorsey G, Guthmann JP, [Mayxay M](#), Newton PN, Olliaro P, Osorio L, Price RN, Rowland M, Smithuis F, Taylor WR, Nosten F, White NJ. *In vivo* parasitological measures of artemisinin susceptibility. *J Infect Dis*. 2010 Feb 15;201(4):570-9.
222. Nair S, Nkhoma S, Nosten F, [Mayxay M](#), French N, Whitworth J, Anderson T. Genetic changes during laboratory propagation: Copy number At the reticulocyte-binding protein 1 locus of *Plasmodium falciparum*. *Mol Biochem Parasitol*. 2010 Apr 2 [Epub ahead of print]
223. Zwang J, Ashley EA, Karema C, D'Alessandro U, Smithuis F, Dorsey G, Janssens B, [Mayxay M](#), Newton P, Singhasivanon P, Stepniewska K, White NJ, Nosten F. Safety and efficacy of dihydroartemisinin-piperaquine in falciparum malaria: a prospective multi-centre individual patient data analysis. *PLoS One*. 2009 Jul 29;4(7):e6358.
224. Slesak G, Douangdala P, Inthalad S, Silisouk J, Vongsouvath M, Sengduangphachanh A, Moore CE, [Mayxay M](#), Matsuoka H, Newton PN. Fatal *Chromobacterium violaceum* septicaemia in northern Laos, a modified oxidase test and post-mortem forensic family G6PD analysis. *Ann Clin Microbiol Antimicrob*. 2009 Jul 29;8:24.
225. Newton PN, Rolain JM, Rasachak B, [Mayxay M](#), Vathanatham K, Seng P, Phetsouvanh R, Thammavong T, Zahidi J, Suputtamongkol Y, Syhavong B, Raoult D. *Sennetsu neorickettsiosis*: a probable fish-borne cause of fever rediscovered in Laos. *Am J Trop Med Hyg*. 2009 Aug;81(2):190-4.
226. Nair S, Miller B, Barends M, Jaidee A, Patel J, [Mayxay M](#), Newton P, Nosten F, Ferdig MT, Anderson TJ. Adaptive copy number evolution in malaria parasites. *PLoS Genet*. 2008 Oct;4(10):e1000243. Epub 2008 Oct 31.
227. Lee SJ, Stepniewska K, Anstey N, Ashley E, Barnes K, Binh TQ, D'Alessandro U, Day NP, de Vries PJ, Dorsey G, Guthmann JP, [Mayxay M](#), Newton P, Nosten F, Olliaro P, Osario L, Pinoges L, Price R, Rowland M, Smithuis F, Taylor R, White NJ. The relationship between the haemoglobin concentration and the haematocrit in *Plasmodium falciparum* malaria. *Malar J*. 2008 Aug 2;7:149.
228. Keoluangkhot V, Green MD, Nyadong L, Fernández FM, [Mayxay M](#), Newton PN. Impaired clinical response in a patient with uncomplicated falciparum malaria who received poor-quality and underdosed intramuscular artemether. *Am J Trop Med Hyg*. 2008 Apr;78(4):552-5.
229. Keomany S, [Mayxay M](#), Souvannasing P, Vilayhong C, Stuart BL, Srour L, Newton PN. Toad poisoning in Laos. *Am J Trop Med Hyg*. 2007 Nov;77(5):850-3.
230. [Mayxay M](#), Khomthilat T, Souvannasing P, Phounesavath K, Vorasane B, Keomany S, Douangdala P, Philavong K, Srour L, Newton PN. Factors associated with a measles outbreak in children admitted at Mahosot Hospital, Vientiane, Laos. *BMC Public Health*. 2007 Aug 4;7:193.

231. Tanomsing N, Imwong M, Pukrittayakamee S, Chotivanich K, Looareesuwan S, **Mayxay M**, Dolecek C, Hien TT, do Rosario VE, Arez AP, Michon P, Snounou G, White NJ, Day NP. Genetic analysis of the dihydrofolate reductase-thymidylate synthase gene from geographically diverse isolates of *Plasmodium malariae*. *Antimicrob Agents Chemother*. 2007 Oct; 51(10):3523-30.
232. **Mayxay M**, Nair S, Sudimack D, Imwong M, Tanomsing N, Pongvongsa T, Phompida S, Phetsouvanh R, White NJ, Anderson TJ, Newton PN. Combined molecular and clinical assessment of *Plasmodium falciparum* antimalarial drug resistance in the Lao People's Democratic Republic (Laos). *Am J Trop Med Hyg* 2007 Jul; 77(1):36-43.
233. **Mayxay M**, Pongvongsa T, Phompida S, Phetsouvanh R, White NJ, Newton PN. Diagnosis and management of malaria by rural community health providers in the Lao People's Democratic Republic (Laos). *Trop Med Int Health* 2007 Apr;12:540-6.
234. Imwong M, Nair S, Pukrittayakamee S, Sudimack D, Williams JT, **Mayxay M**, Newton PN, Kim JR, Nandy A, Osorio L, Carlton JM, White NJ, Day NP, Anderson TJ. Contrasting genetic structure in *Plasmodium vivax* populations from Asia and South America. *Int J Parasitol* 2007 Mar 12.
235. **Mayxay M**, Taylor AM, Khanthavong M, Keola S, Pongvongsa T, Phompida S, Phetsouvanh R, White NJ, Newton PN. Thiamin deficiency and uncomplicated falciparum malaria in Laos. *Trop Med Int Health* 2007 Mar;12(3): 363-9.
236. **Mayxay M**, Barends M, Brockman A, Jaidee A, Nair S, Sudimack D, Pongvongsa T, Phompida S, Phetsouvanh R, Anderson T, White NJ, Newton PN. *In vitro* antimalarial drug susceptibility and pfcrt mutation among fresh *Plasmodium falciparum* isolates from the Lao PDR (Laos). *Am J Trop Med Hyg* 2007 Feb;76(2): 245-50.
237. Phetsouvanh R, Phongmany S, Soukaloun D, Rasachak B, Soukhaseum V, Soukhaseum S, Frichithavong K, Khounnorath S, Pengdee B, Phiasakha K, Chu V, Luangxay K, Rattanavong S, Sisouk K, Keolouangkot V, **Mayxay M**, Ramsay A, Blacksell SD, Campbell J, Martinez-Aussel B, Heuangvongsy M, Bounxouei B, Thammavong C, Syhavong B, Strobel M, Peacock SJ, White NJ, Newton PN. Causes of community-acquired bacteremia and patterns of antimicrobial resistance in Vientiane, Laos. *Am J Trop Med Hyg* 2006 Nov; 75(5): 978-85.
238. Hall KA, Newton PN, Green MD, De Veij M, Vandenabeele P, Pizzanelli D, **Mayxay M**, Dondorp A, Fernandez FM. Characterization of counterfeit artesunate antimalarial tablets from southeast Asia. *Am J Trop Med Hyg* 2006 Nov;75(5): 804-11.
239. **Mayxay M**, Thongpraseuth V, Khanthavong M, Lindegardh N, Barends M, Keola S, Pongvongsa T, Phompida S, Phetsouvanh R, Stepniewska K, White NJ, Newton PN. An open, randomized comparison of artesunate plus mefloquine vs. dihydroartemisinin-piperaquine for the treatment of uncomplicated *Plasmodium falciparum* malaria in the Lao People's Democratic Republic (Laos). *Trop Med Int Health* 2006 Aug; 11 (8):1157-65.
240. Phongmany S, Rolain JM, Phetsouvanh R, Blacksell SD, Soukhaseum V, Rasachack B, Phiasakha K, Soukhaseum S, Frichithavong K, Chu V, Keolouangkhot V, Martinez-Aussel B, Chang K, Darasavath C, Rattanavong O, Sisouphone S, **Mayxay M**, Vidamaly S, Parola P, Thammavong C, Heuangvongsy M, Syhavong B, Raoult D, White NJ, Newton PN. Rickettsial infections and fever, Vientiane, Laos. *Emerg Infect Dis* 2006 Feb;12 (2): 256-62.
241. Anderson TJ, Nair S, Sudimack D, Williams JT, **Mayxay M**, Newton PN, Guthmann JP, Smithuis FM, Tran TH, van den Broek IV, White NJ, Nosten F. Geographical distribution of selected and putatively neutral SNPs in Southeast Asian malaria parasites. *Mol Biol Evol* 2005 Dec;22(12): 2362-74.
242. Nash D, Nair S, **Mayxay M**, Newton PN, Guthmann JP, Nosten F, Anderson TJ. Selection strength and hitchhiking around two anti-malarial resistance genes. *Proc Biol Sci* 2005 Jun 7;272 (1568): 1153-61.
243. Phongmany S, Phetsouvanh R, Sisouphone S, Darasavath C, Vongphachane P, Rattanavong O, **Mayxay M**, Ramsay AC, Blacksell SD, Thammavong C, Syhavong B, White NJ, Newton



- PN. A randomized comparison of oral chloramphenicol versus ofloxacin in the treatment of uncomplicated typhoid fever in Laos. *Trans R Soc Trop Med Hyg* 2005 Jun; 99 (6): 451-8.
244. Wuthiekanun V, [Mayxay M](#), Chierakul W, Phetsouvanh R, Cheng AC, White NJ, Day NP, Peacock SJ. Detection of *Burkholderia pseudomallei* in soil within the Lao People's Democratic Republic. *J Clin Microbiol* 2005 Feb;43 (2): 923-4.
  245. Dondorp AM, Newton PN, [Mayxay M](#), Van Damme W, Smithuis FM, Yeung S, Petit A, Lynam AJ, Johnson A, Hien TT, McGready R, Farrar JJ, Looareesuwan S, Day NP, Green MD, White NJ. Fake antimalarials in Southeast Asia are a major impediment to malaria control: multinational cross-sectional survey on the prevalence of fake antimalarials. *Trop Med Int Health* 2004 Dec; 9(12): 1241-6.
  246. Stepniewska K, Taylor WR, [Mayxay M](#), Price R, Smithuis F, Guthmann P, Barnes K, Myint HY, Adjuik M, Olliaro P, Pukrittayakamee S, Looareesuwan S, Hien TT, Farrar J, Nosten F, Day NP, White NJ. *In vivo* assessment of drug efficacy against *Plasmodium falciparum* malaria: duration of follow-up. *Antimicrob Agents Chemother* 2004 Nov;48 (11): 4271-80.
  247. [Mayxay M](#), Khanthavong M, Lindegardh N, Keola S, Barends M, Pongvongsa T, Yapom R, Annerberg A, Phompida S, Phetsouvanh R, White NJ, Newton PN. Randomized comparison of chloroquine plus sulfadoxine-pyrimethamine versus artesunate plus mefloquine versus artemether-lumefantrine in the treatment of uncomplicated falciparum malaria in the Lao People's Democratic Republic. *Clin Infect Dis* 2004 Oct 15;39 (8): 1139-47
  248. [Mayxay M](#), Phetsouvanh R, Phompida S, Newton PN, Khanthavong M, Vannachone B, Brockmans A, White NJ. A randomized comparison of oral chloroquine and sulfadoxine-pyrimethamine for the treatment of uncomplicated *Plasmodium falciparum* malaria in Laos. *Trans R Soc Trop Med Hyg* 2003 May-Jun;97(3): 343-4.
  249. [Mayxay M](#), Pukrittayakamee S, Newton PN, White NJ. Mixed-species malaria infections in humans. *Trends Parasitol* 2004 May; 20(5): 233-40.
  250. [Mayxay M](#), Newton PN, Yeung S, Pongvongsa T, Phompida S, Phetsouvanh R, White NJ. Short communication: An assessment of the use of malaria rapid tests by village health volunteers in rural Laos. *Trop Med Int Health* 2004 Mar; 9(3): 325-9.
  251. [Mayxay M](#), Newton PN, Khanthavong M, Tiengkham P, Phetsouvanh R, Phompida S, Brockman A, White NJ. Chloroquine versus sulfadoxine-pyrimethamine for treatment of *Plasmodium falciparum* malaria in Savannakhet Province, Lao People's Democratic Republic: an assessment of national antimalarial drug recommendations. *Clin Infect Dis* 2003 Oct 15;37(8): 1021-8
  252. Newton PN, Dondorp A, Green M, [Mayxay M](#), White NJ. Counterfeit artesunate antimalarials in southeast Asia. *Lancet* 2003 Jul 12;362 (9378):169.
  253. Nair S, Williams JT, Brockman A, Paiphun L, [Mayxay M](#), Newton PN, Guthmann JP, Smithuis FM, Hien TT, White NJ, Nosten F, Anderson TJ. A selective sweep driven by pyrimethamine treatment in southeast asian malaria parasites. *Mol Biol Evol* 2003 Sep;20 (9):1526-36.
  254. [Mayxay M](#), Chotivanich K, Pukrittayakamee S, Newton P, Looareesuwan S, White NJ. Contribution of humoral immunity to the therapeutic response in falciparum malaria. *Am J Trop Med Hyg* 2001 Dec; 65(6): 918-23.
  255. [Mayxay M](#), Pukritrayakamee S, Chotivanich K, Imwong M, Looareesuwan S, White NJ. Identification of cryptic coinfection with *Plasmodium falciparum* in patients presenting with vivax malaria. *Am J Trop Med Hyg* 2001 Nov;65 (5): 588-92.
  256. Newton P, Proux S, Green M, Smithuis F, Rozendaal J, Prakongpan S, Chotivanich K, [Mayxay M](#), Looareesuwan S, Farrar J, Nosten F, White NJ. Fake artesunate in southeast Asia. *Lancet* 2001 Jun 16;357 (9272):1948-50.

257. **Mayxay M**, Pukrittayakamee S, Chotivanich K, Looareesuwan S, White NJ. Persistence of *Plasmodium falciparum* HRP-2 in successfully treated acute falciparum malaria. *Trans R Soc Trop Med Hyg* 2001 Mar-Apr; 95(2):179-82.
258. Phetsouvanh R, Phongmany S, Newton P, **Mayxay M**, Ramsay A, Wuthiekanun V, White NJ. Melioidosis and Pandora's box in the Lao People's Democratic Republic. *Clin Infect Dis* 2001 Feb 15;32 (4): 653-4.
259. **Mayxay M**, Newton P, White NJ. General chemotherapy of malaria. *Postgraduate Doctor Caribbean* 2000; 16: 382 - 8.