Dept Biomedical Sciences,
Unit of Medical Entomology

PUBLICATIONS

In Peer reviewed journals

1. Bannister-Tyrrell M, Krit M, Sluydts V, Sochantha T, Mao S, MeanV, Saorin Kim, Menard D, Peeters Grietens K, Abrams S, Hens N, **Coosemans M**, Bassat Q, van Hensbroek MB, Durnez L, Van Bortel W (2019) Households or Hotspots? Defining Intervention Targets for Malaria Elimination in Ratanakiri Province, Eastern Cambodia. *Journal Infectious Diseases* 15; 220(6): 1034–1043. https://doi.org/10.1093%2Finfdis%2Fjiz211
2. Durnez L, Pareyn M, Mean V, Kim S, Khim N, Menard D, **Coosemans M**, Sochantha T, Sluydts V. (2018) Identification and characterization of areas of high and low risk for asymptomatic malaria infections at sub village level in Ratanakiri, Cambodia. *Malaria J* **17**:27 https://doi.org/10.1186/s12936-017-2169-1
3. Heng S, Durnez L, Mao S, Sovannaroth S, Sochantha T, Mean V, Sluydts V, **Coosemans M**. (2017) Passive case detection of malaria in Ratanakiri Province (Cambodia) to detect villages at higher risk for malaria. *Malaria J (2017)* 16:104 https://doi.org/10.1186/s12936-017-1758-3
4. Heng S, Vincent Sluydts V, Durnez L, Vanna Mean, Polo K, Sochantha T, **Coosemans M**, van Griensven J. (2017). Safety of a topical insect repellent (picaridin) during community mass use for malaria control in rural Cambodia. PloS One 12(3): e0172566. https://doi.org/10.1371/journal.pone.0172566
5. Etang J, Pennetier P, Piameu M, Bouraima A, Chandre F, Awono-Ambene P, **Coosemans M**, Corbel V. (2016) When intensity of deltamethrin resistance in Anopheles gambiae s.l. leads to loss of Long Lasting Insecticidal Nets bio-efficacy: a case study in north Cameroon. *Parasites & Vectors* 9:132 https://doi.org/10.1186/s13071-016-1420-x
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7. Sluydts V, Durnez L, Heng S, Gryseels C, Canier L, Kim S K, Van Roey K, Kerkhof K, Khim N, **Coosemans M.** (2016) Efficacy of topical mosquito repellent (picaridin) plus long-lasting insecticidal nets versus long-lasting insecticidal nets alone for control of malaria: a cluster randomised controlled trial. *Lancet Infect Dis*, 16,1169-77. https://doi.org/10.1016/S1473-3099(16)30148-7
8. Kerkhof K , Sluydts V, Heng S, Kim S, Pareyn M, Willen L, Canier L, Sovannaroth S, Ménard D, Sochantha T, **Coosemans M**, Durnez L. (2016*)* Geographical patterns of malaria transmission based on serological markers for falciparum and vivax malaria in Ratanakiri, Cambodia. *Malaria J 15:510* https://doi.org/10.1186/s12936-016-1558-1
9. Kerkhof K , Sluydts V, Heng S, Kim S, Willen L, Kim S, Canier L, Heng S, Tsuboi T, Sochantha T Sovannaroth S, Ménard D, **Coosemans M**, Durnez L. (2016) Serological markers to measure recent changes in malaria at population level in Cambodia. *Malaria J 15:529* https://doi.org/10.1186/1475-2875-12-405
10. Versteirt V, Nagy ZT, Roelants P, Denis l, Breman FC, Damiens D, Dekoninck W, Backeljauw T, Coosemans M, Van Bortel W. L (2015) Identification of Belgian mosquito species (Diptera:

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12. Guyant PH, Corbel v, Guérin PH, Lautissier A, Nosten F, Boyer S, **Coosemans M**, Dondorp A, Sinou V, Yeung S, White N. Past and new challenges for malaria control and elimination: the role of operational research for innovation in designing interventions. *Malar J (2015) 14:279* https://doi.org/10.1186/s12936-015-0802-4
13. Gryseels C, Durnez L, Gerrets R, Uk S, Suon S, Set S, Phoeuk P, Sluydts V, Heng S, Sochantha T, **Coosemans M** AND PEETERS GRIETENS K. Re-imagining malaria: heterogeneity of human and mosquito behaviour in relation to residual malaria transmission in Cambodia. *Malaria Journal* (2015) 14:165 https://doi.org/10.1186/s12936-015-0689-0
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17. Peeters Grietens K, Gryseels C, Dierickx S,Bannister-Tyrrell M, Trienekens S, Uk S, Phoeuk P, Suon S, Set S, Gerrets R, Hoibak S, Muela Ribera J, Hausmann-Muela S, Sochantha T, Durnez L, Sluydts V, d'Alessandro U, **Coosemans M** & Erhart A. Characterizing Types of Human Mobility to Inform Differential and Targeted Malaria Elimination Strategies in Northeast Cambodia. Scientific Reports | 5:16837 | https://doi.org/10.1038/srep16837
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interventions, 2011-2011, Ethiopia. PLoS ONE 9(11):e106359. https://doi.org/10.1371/journal.pone.0106359
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