

Bibliographie des publications du Centre National de Recherche et de Formation sur le Paludisme (CNRFP) de l'année 2020

1. Yaro JB, Ouedraogo A, Ouedraogo ZA, Diarra A, Lankouande M, Agboraw E, Worrall E, Toe KH, Sanou A, **Guelbeogo WM, Sagnon N, Ranson H, Tiono AB**, Lindsay SW, Wilson AL. A cohort study to identify risk factors for Plasmodium falciparum infection in Burkinabe children: implications for other high burden high impact countries. *Malaria Journal.* 16 oct 2020 ; 19(1) : 371. Disponible sur : <https://doi.org/10.1186/s12936-020-03443-x>
2. Graziosi I, Aranda C, Balestrino F, Bellini R, Busquets N, Coulibaly M, Crisanti A, Diallo D, Diallo M, Gaye A, **Guelbeogo M, Ignjatović-Ćupina A, Napp S, N’Falé S, Petrić D, Pollegioni P, Simoni A, Zgomba M, Müller R.** A litmus test for harmonized mosquito monitoring across Europe and Africa. *bioRxiv.* 31 janv 2020 ; 2020.01.30.927020. Disponible sur : <https://www.biorxiv.org/content/10.1101/2020.01.30.927020v1>
3. Hughes A, Lissenden N, Viana M, **Toé KH, Ranson H.** Anopheles gambiae populations from Burkina Faso show minimal delayed mortality after exposure to insecticide-treated nets. *Parasites Vectors.* 10 janv 2020 ; 13(1) : 17. Disponible sur : <https://doi.org/10.1186/s13071-019-3872-2>
4. Mangano VD, Bianchi C, Ouedraogo M, Kabore Y, Corran P, Silva N, **Sirima SB, Nebie I, Bruschi F, Modiano D.** Antibody response to Schistosoma haematobium and other helminth species in malaria-exposed populations from Burkina Faso. *Acta Tropica.* 1 mai 2020 ; 205 : 105381. Disponible sur : <https://www.sciencedirect.com/science/article/pii/S0001706X19303584>
5. E P, **Wm G, M C, S M, C V, B C, V P, H R, N S, A DT, M P.** Behavioural plasticity of Anopheles coluzzii and Anopheles arabiensis undermines LLIN community protective effect in a Sudanese-savannah village in Burkina Faso. *Parasites & vectors.* 6 janv 2020 ;13(1). Disponible sur : <https://pubmed.ncbi.nlm.nih.gov/32487147/>
6. **Sanou G, Traore Y.** Cross-talk between innate and adaptive immunity in HIV infection : A review of literature ABSTRACT. *Current Trends in Immunology.* 4 juin 2020 ; 21 : 41-52. Disponible sur : https://www.researchgate.net/profile/Guillaume-Sanou/publication/341910187_Cross-talk_between_innate_and_adaptive_immunity_in_HIV_infection_A_review_of_literature_ABSTRACT/links/5ed90bb5299bf1c67d3fb15/Cross-talk-between-innate-and-adaptive-immunity-in-HIV-infection-A-review-of-literature-ABSTRACT.pdf
7. Nelli L, **Guelbeogo M, Ferguson HM, Ouattara D, Tiono A, N’Fale S, Matthiopoulos J.** Distance sampling for epidemiology: an interactive tool for estimating under-reporting of

Bibliographie des publications du Centre National de Recherche et de Formation sur le Paludisme (CNRFP) de l'année 2020

- cases from clinic data. Int J Health Geogr. déc 2020;19(1):16. Disponible sur: <https://ij-healthgeographics.biomedcentral.com/articles/10.1186/s12942-020-00209-1>
8. Dembélé R, Konaté A, **Traoré O**, Kaboré WAD, **Soulama I**, Kagambèga A, Traoré AS, Guessennd NK, Aidara-Kane A, Gassama-Sow A, Barro N. Extended spectrum beta-lactamase and fluoroquinolone resistance genes among Escherichia coli and Salmonella isolates from children with diarrhea, Burkina Faso. BMC Pediatrics. 3 oct 2020 ; 20(1) : 459. Disponible sur : <https://doi.org/10.1186/s12887-020-02342-z>
 9. Malebo HM, D'Alessandro S, Ebstie YA, **Sorè H**, Tenoh Guedoung AR, Katani SJ, Parapini S, Taramelli D, Habluetzel A. In vitro Multistage Malaria Transmission Blocking Activity of Selected Malaria Box Compounds. Drug Des Devel Ther. 28 avr 2020 ; 14 : 1593-607. Disponible sur : <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7196193/>
 10. **Barry A**, Bradley J, Stone W, **Guelbeogo MW**, Lanke K, Ouedraogo A, **Soulama I**, Ouedraogo IN, **Serme SS**, Grignard L, Patterson K, Awandu SS, Ouedraogo M, Tarama CW, Kargougou D, Zoumanaba Z, **Sirima SB**, Marti M, Drakeley C, **Tiono AB**, Bousema T. Increased gametocyte production and mosquito infectivity in chronic versus incident Plasmodium falciparum infections. medRxiv. 11 avr 2020 ; 2020.04.08.20057927. Disponible sur : <https://www.medrxiv.org/content/10.1101/2020.04.08.20057927v1>
 11. Dieng MM, Diawara A, Manikandan V, Tamim El Jarkass H, **Sermé SS**, Sombié S, **Barry A**, Coulibaly SA, Diarra A, Drou N, Arnoux M, Yousif A, **Tiono AB**, **Sirima SB**, **Soulama I**, Idaghdour Y. Integrative genomic analysis reveals mechanisms of immune evasion in P. falciparum malaria. Nat Commun. 9 oct 2020 ;11(1) : 5093. Disponible sur : <https://www.nature.com/articles/s41467-020-18915-6>
 12. Love RR, Pombi M, **Guelbeogo MW**, Campbell NR, Stephens MT, Dabire RK, Costantini C, della Torre A, Besansky NJ. Inversion Genotyping in the Anopheles gambiae Complex Using High-Throughput Array and Sequencing Platforms. G3 Genes|Genomes|Genetics. 1 sept 2020 ; 10(9) : 3299-307. Disponible sur : <https://doi.org/10.1534/g3.120.401418>
 13. Dembele R, Kabore WAD, **Soulama I**, Konate A, Kagambèga A, **Traore O**, Traore AS, Aidara-Kane A, Gassama-Sow A, Barro N. Involvement of class 1 and class 2 integrons in dissemination of tet and catA1 resistance genes of Salmonella enterica from children with diarrhea in rural Burkina Faso. AJB. 31 janv 2020 ; 19(1) : 1-7. Disponible sur : <https://academicjournals.org/journal/AJB/article-abstract/1C421F362627>
 14. **A T, G N, A S, F L, N S, A G, Mw G.** Laboratory and field evaluation of MAÏA ®, an

Bibliographie des publications du Centre National de Recherche et de Formation sur le Paludisme (CNRFP) de l'année 2020

ointment containing N, N-diethyl-3-methylbenzamide (DEET) against mosquitoes in Burkina Faso. Malaria journal. 20 mai 2021 ; 20(1). Disponible sur : <https://pubmed.ncbi.nlm.nih.gov/34016099/>

15. Ouédraogo M, **Kangoye DT**, Samadoulougou S, Rouamba T, Donnen P, Kirakoya-Samadoulougou F. Malaria Case Fatality Rate among Children under Five in Burkina Faso : An Assessment of the Spatiotemporal Trends Following the Implementation of Control Programs. International Journal of Environmental Research and Public Health. janv 2020 ; 17(6):1840. Disponible sur : <https://www.mdpi.com/1660-4601/17/6/1840>
16. Dembele R, **Soulama I**, Kaboré WAD, Konaté A, Kagambèga A, Coulibaly DN, **Traoré O**, Seck A, Traoré AS, Guessennd NK, Gassama-Sow A, Barro N. Molecular Characterization of Carbapenemase-Producing Escherichia coli and Salmonella in children with diarrhea in rural Burkina Faso. In Review; 2020 oct. Disponible sur : <https://www.researchsquare.com/article/rs-92210/v1>
17. **Soré H**, Lopatriello A, Ebstie YA, Tenoh Guedoung AR, Hilou A, Pereira JA, Kijjoa A, Habluelzel A, Taglialatela-Scafati O. Plasmodium stage-selective antimalarials from Lophira lanceolata stem bark. Phytochemistry. 1 juin 2020 ; 174 : 112336. Disponible sur : <http://www.sciencedirect.com/science/article/pii/S0031942219311793>
18. **Sirima SB**, Richert L, Chêne A, **Konate AT**, Campion C, Dechavanne S, Semblat J-P, Benhamouda N, Bahuaud M, Loulergue P, **Ouédraogo A**, **Nébié I**, Kabore M, **Kargougou D**, **Barry A**, Ouattara SM, Boilet V, Allais F, Roguet G, Havelange N, Lopez-Perez E, Kuppers A, Konaté E, Roussillon C, Kanté M, Belarbi L, Diarra A, Henry N, **Soulama I**, Ouédraogo A, Esperou H, Leroy O, Batteux F, Tartour E, Viebig NK, Thiebaut R, Launay O, Gamain B. PRIMVAC vaccine adjuvanted with Alhydrogel or GLA-SE to prevent placental malaria: a first-in-human, randomised, double-blind, placebo-controlled study. The Lancet Infectious Diseases. 1 mai 2020 ; 20(5) : 585-97. Disponible sur : <https://www.sciencedirect.com/science/article/pii/S147330991930739X>
19. Guglielmo F, **Sanou A**, Churcher TS, Ferguson HM, Ranson H, **Sherrard-Smith E**. Quantifying individual variability in exposure risk to mosquito bites in the Cascades region, Burkina Faso. In Review; 2020 déc. Disponible sur : <https://www.researchsquare.com/article/rs-15775/v4>
20. Niare K, Chege T, Mwai K, Tuju J, Nyamako L, Rosenkranz M, **Tiono A**, Waitumbi J, Ogutu B, **Sirima S**, Awandare G, Kouriba B, Rayner J, Osier F. Systematic Serological Diversity of a Putative Malaria Vaccine Candidate and Broad Protection. In Review; 2020

Bibliographie des publications du Centre National de Recherche et de Formation sur le Paludisme (CNRFP) de l'année 2020

déc. Disponible sur : <https://www.researchsquare.com/article/rs-109750/v1>

21. Mogire RM, Muriuki JM, Mentzer AJ, Webb E, Kimita W, Macharia AW, Ndungu FM, Cutland C, **Sirima S**, Diarra A, **Tiono AB**, Lule SA, Morovat A, Madhi SA, Bejon P, Pettifor JM, Elliott A, Adeyemo A, Williams TN, Atkinson SH. Vitamin D Deficiency in Young African Children. Rochester, NY : Social Science Research Network ; 2020 déc. Report No.: ID 3745149. Disponible sur : <https://papers.ssrn.com/abstract=3745149>