

Bibliographie des publications du Centre National de Recherche et de Formation sur le Paludisme (CNRFP) de l'année 2017

1. Diarra A, **Nebie I**, **Tiono AB**, Sanou G, Ouedraogo A, Konate AT, Yaro BJ, **Soulama I**, **Sodiomon S**. A Malaria Vaccine Site Characterisation: Prevalence and Species Distribution of Plasmodium Malaria in a Malaria Endemic Setting of Burkina Faso (west Africa). *BMJ Global Health*. 1 févr 2017 ; 2(Suppl 2). Disponible sur : https://gh.bmj.com/content/2/Suppl_2/A31.1
2. Macintyre F, Adoke Y, **Tiono AB**, Duong TT, Mombo-Ngoma G, Bouyou-Akotet M, Tinto H, Bassat Q, Issifou S, Adamy M, Demarest H, Duparc S, Leroy D, Laurijssens BE, Biguenet S, Kibuuka A, Tshetu AK, Smith M, Foster C, Leipoldt I, Kreamsner PG, Phuc BQ, Ouedraogo A, Ramharter M, Van Hong N, Mbouoronde CO, Kinko JL, Losoma JA, Manego RZ, Groger M, Klicpera A, Mischlinger J, Barry A, Ouattara SM, Coulibaly S, Moïse K, Sombié O, Bognini JD, Siteo A, Varo R, El Gaaloul M, Gobeau N, Cox EH, Maringwa JT, Mayor A, Matambisso G, on behalf of the OZ-Piperaquine Study Group. A randomised, double-blind clinical phase II trial of the efficacy, safety, tolerability and pharmacokinetics of a single dose combination treatment with artefenomel and piperaquine in adults and children with uncomplicated Plasmodium falciparum malaria. *BMC Med*. 9 oct 2017 ; 15(1) : 181. Disponible sur : <https://doi.org/10.1186/s12916-017-0940-3>
3. Diallo A, Sié A, **Sirima S**, Sylla K, Ndiaye M, Bountogo M, Ouedraogo E, Tine R, Ndiaye A, Coulibaly B, Ouedraogo A, Faye B, Ba EH, Compaore G, **Tiono A**, Sokhna C, Yé M, Diarra A, Bahmanyar ER, De Boer M, Pirçon J-Y, Usuf EA. An epidemiological study to assess Plasmodium falciparum parasite prevalence and malaria control measures in Burkina Faso and Senegal. *Malar J*. 6 févr 2017 ; 16(1) : 63. Disponible sur : <https://doi.org/10.1186/s12936-017-1715-1>
4. Cherif MK, Ouédraogo O, Sanou GS, Diarra A, Ouédraogo A, **Tiono A**, Cavanagh DR, Michael T, Konaté AT, Watson NL, Sanza M, Dube TJT, **Sirima SB**, **Nebie I**. Antibody responses to P. falciparum blood stage antigens and incidence of clinical malaria in children living in endemic area in Burkina Faso. *BMC Research Notes*. 8 sept 2017 ; 10(1) : 472. Disponible sur : <https://doi.org/10.1186/s13104-017-2772-9>
5. Soma A, **Sanon S**, **Gansane A**, Ouattara LP, Ouedraogo N, Nikiema J-B, **Sirima SB**. Antiplasmodial activity of Vernonia cinerea Less (Asteraceae), a plant used in traditional medicine in Burkina Faso to treat malaria. *AJPP*. 8 févr 2017 ; 11(5) : 87-93. Disponible sur : <https://academicjournals.org/journal/AJPP/article-abstract/397183A62729>
6. Barry A, **Tiono A**, **Sirima S**, Bousema T. Assessing the Commitment, Maturation and Infectivity of Sexual Stages of Malaria Parasites in Schoolchildren Living in a High Malaria Transmission Area of Burkina Faso. *BMJ Global Health*. 1 févr 2017 ; 2(Suppl 2). Disponible sur : https://gh.bmj.com/content/2/Suppl_2/A28.2
7. Coulibaly S, **Soulama I**, Kabore JM, Ouattara SM, Bougouma E, Ouedraogo A, **Sanon S**, Amidou D, Sombie B, Ouedraogo A, Kargougou D, Ouattara D, Issa N, **Tiono A**, **Sirima S**. Assessment of Safety Parameters Following Repeated Artemisin-Based Treatments of

Bibliographie des publications du Centre National de Recherche et de Formation sur le Paludisme (CNRFP) de l'année 2017

- Malaria-Infected Patient Living in Endemic Area of Burkina Faso. *BMJ Global Health*. 1 févr 2017 ; 2(Suppl 2). Disponible sur : https://gh.bmj.com/content/2/Suppl_2/A24.1
8. Clarke GM, Rockett K, Kivinen K, Hubbart C, Jeffreys AE, Rowlands K, Jallow M, Conway DJ, Bojang KA, Pinder M, Usen S, Sisay-Joof F, Sirugo G, Toure O, Thera MA, Konate S, Sissoko S, Niangaly A, Poudiougou B, Mangano VD, Bougouma EC, **Sirima SB**, Modiano D, Amenga-Etego LN, Ghansah A, Koram KA, Wilson MD, Enimil A, Evans J, Amodu OK, Olaniyan S, Apinjoh T, Mugri R, Ndi A, Ndila CM, Uyoga S, Macharia A, Peshu N, Williams TN, Manjurano A, Sepúlveda N, Clark TG, Riley E, Drakeley C, Reyburn H, Nyirongo V, Kachala D, Molyneux M, Dunstan SJ, Phu NH, Quyen NN, Thai CQ, Hien TT, Manning L, Laman M, Siba P, Karunajeewa H, Allen S, Allen A, Davis TM, Michon P, Mueller I, Molloy SF, Campino S, Kerasidou A, Cornelius VJ, Hart L, Shah SS, Band G, Spencer CC, Agbenyega T, Achidi E, Doumbo OK, Farrar J, Marsh K, Taylor T, Kwiatkowski DP, MalariaGEN Consortium. Characterisation of the opposing effects of G6PD deficiency on cerebral malaria and severe malarial anaemia. Krzych U, éditeur. *eLife*. 9 janv 2017 ; 6 : e15085. Disponible sur : <https://doi.org/10.7554/eLife.15085>
 9. Ouattara SM, **Soulama I**, Coulibaly S, Kabore JM, Ouedraogo A, Bougouma E, **Sanon S**, **Amidou D**, Sombie B, Ouedraogo A, Kargougou D, Ouattara D, **Issa N**, **Tiono A**, **Sirima S**. Comparative Protective Effect of Repeated Administration Over a Two Year Period of 3 Acts on the Emergence of Hyperparasitemia in Malaria Patients. *BMJ Global Health*. 1 févr 2017 ; 2(Suppl 2). Disponible sur : https://gh.bmj.com/content/2/Suppl_2/A23.2
 10. Pombi M, Kengne P, Gimonneau G, Tene-Fossog B, Ayala D, Kamdem C, Santolamazza F, **Guelbeogo WM**, **Sagnon N**, Petrarca V, Fontenille D, Besansky NJ, Antonio-Nkondjio C, Dabiré RK, Torre A della, Simard F, Costantini C. Dissecting functional components of reproductive isolation among closely related sympatric species of the Anopheles gambiae complex. *Evolutionary Applications*. 2017 ; 10(10) : 1102-20. Disponible sur : <https://onlinelibrary.wiley.com/doi/abs/10.1111/eva.12517>
 11. **Soulama I**, Kaboré M, Coulibaly A, Ouattara M, **Sanon S**, Diarra A, Bougouma E, Ouedraogo A, Sombie B, Ouedraogo A, Kargougou D, Ouattara D, **Issa N**, **Tiono A**, **Sirima S**. Efficacy and Tolerability of Repeated Administration of Acts Over a Period of Two Years in Children and Adult Patients with Acute Uncomplicated Malaria in Burkina Faso. *BMJ Global Health*. 1 févr 2017 ; 2(Suppl 2). Disponible sur : https://gh.bmj.com/content/2/Suppl_2/A19.3
 12. Gonçalves BP, Kapulu MC, Sawa P, **Guelbéogo WM**, **Tiono AB**, Grignard L, Stone W, Hellewell J, Lanke K, Bastiaens GJH, Bradley J, **Nébié I**, Ngoi JM, Oriango R, Mkabili D, Nyaurah M, Midega J, Wirth DF, Marsh K, Churcher TS, Bejon P, Sirima SB, Drakeley C, Bousema T. Examining the human infectious reservoir for Plasmodium falciparum malaria in areas of differing transmission intensity. *Nat Commun*. 26 oct 2017 ; 8(1) : 1133. Disponible sur : <https://www.nature.com/articles/s41467-017-01270-4>

Bibliographie des publications du Centre National de Recherche et de Formation sur le Paludisme (CNRFP) de l'année 2017

13. Tassebedo M, **Coulibaly S**, Ouedraogo B. Factors associated with the use of insecticide-treated nets : analysis of the 2018 Burkina Faso Malaria Indicator Survey. Malar J. 17 mai 2021 ; 20(1) : 220.
14. **Sirima SB**, Tiono A, Gansané Z, Siribié M, Zongo A, Ouédraogo A, François N, Strezova A, Dobbelaere K, Borys D. Immunogenicity and Safety of 10-valent Pneumococcal Nontypeable Haemophilus influenzae Protein D Conjugate Vaccine (PHiD-CV) Administered to Children With Sickle Cell Disease Between 8 Weeks and 2 Years of Age : A Phase III, Open, Controlled Study. The Pediatric Infectious Disease Journal. Mai 2017 ; 36(5) : e136. Disponible sur : https://journals.lww.com/pidj/fulltext/2017/05000/Immunogenicity_and_Safety_of_10_valent.17.aspx
15. Quin JE, Bujila I, Chérif M, Sanou GS, Qu Y, Vafa Homann M, Rolicka A, **Sirima SB**, O'Connell MA, Lennartsson A, Troye-Blomberg M, **Nebie I**, Östlund Farrants A-K. Major transcriptional changes observed in the Fulani, an ethnic group less susceptible to malaria. Krzych U, éditeur. eLife. 19 sept 2017 ; 6 : e29156. Disponible sur : <https://doi.org/10.7554/eLife.29156>
16. Konaté A, Dembélé R, Kagambèga A, **Soulama I**, Kaboré WAD, Sampo E, Cissé H, Sanou A, **Serme S**, Zongo S, Zongo C, Fody AM, Guessennnd NK, Traoré AS, Gassama-Sow A, Barro N. Molecular characterization of diarrheagenic Escherichia coli in children less than 5 years of age with diarrhea in Ouagadougou, Burkina Faso. European Journal of Microbiology and Immunology. 1 sept 2017 ; 7(3) : 220-8. Disponible sur : <https://akjournals.com/view/journals/1886/7/3/article-p220.xml>
17. Tadesse FG, Lanke K, **Nebie I**, Schildkraut JA, Gonçalves BP, **Tiono AB**, Sauerwein R, Drakeley C, Bousema T, Rijpma SR. Molecular Markers for Sensitive Detection of Plasmodium falciparum Asexual Stage Parasites and their Application in a Malaria Clinical Trial. The American Journal of Tropical Medicine and Hygiene. 12 juill 2017 ; 97(1) : 188-98. Disponible sur : <https://www.ajtmh.org/view/journals/tpmd/97/1/article-p188.xml>
18. Ishii M, Kanuka H, Badolo A, **Sagnon N**, **Guelbeogo WM**, Koike M, Aiuchi D. Proboscis infection route of Beauveria bassiana triggers early death of Anopheles mosquito. Sci Rep. 14 juin 2017 ; 7(1) : 3476. Disponible sur : <https://www.nature.com/articles/s41598-017-03720-x>
19. **Sirima SB**, Durier C, Kara L, Houard S, **Gansane A**, Loulergue P, Bahuaud M, Benhamouda N, **Nebié I**, Faber B, Remarque E, Launay O, Ouedraogo E, Sanou G, Gueguen S, Lopez Perez E, Ammour K, Kocken C, Batteux F, Tartour E. Safety and immunogenicity of a recombinant Plasmodium falciparum AMA1-DiCo malaria vaccine adjuvanted with GLA-SE or Alhydrogel in European and African adults: A phase 1a/1b, randomized, double-blind multi-centre trial. Vaccine. 27 oct 2017 ; 35(45) : 6218-27. Disponible sur : <https://www.sciencedirect.com/science/article/pii/S0264410X17312471>

Bibliographie des publications du Centre National de Recherche et de Formation sur le Paludisme (CNRFP) de l'année 2017

20. Riehle MM, Bukhari T, Gneme A, **Guelbeogo WM**, Coulibaly B, Fofana A, Pain A, Bischoff E, Renaud F, Beavogui AH, Traore SF, **Sagnon N**, Vernick KD. The *Anopheles gambiae* 2L chromosome inversion is associated with susceptibility to *Plasmodium falciparum* in Africa. Garver L, éditeur. eLife. 23 juin 2017 ; 6 : e25813. Disponible sur : <https://doi.org/10.7554/eLife.25813>
21. Leffler EM, Band G, Busby GBJ, Kivinen K, Le QS, Clarke GM, Bojang KA, Conway DJ, Jallow M, Sisay-Joof F, Bougouma EC, Mangano VD, Modiano D, **Sirima SB**, Achidi E, Apinjoh TO, Marsh K, Ndila CM, Peshu N, Williams TN, Drakeley C, Manjurano A, Reyburn H, Riley E, Kachala D, Molyneux M, Nyirongo V, Taylor T, Thornton N, Tilley L, Grimsley S, Drury E, Stalker J, Cornelius V, Hubbart C, Jeffreys AE, Rowlands K, Rockett KA, Spencer CCA, Kwiatkowski DP, Malaria Genomic Epidemiology Network. Resistance to malaria through structural variation of red blood cell invasion receptors. Science. 16 juin 2017 ; 356(6343) : eaam6393.