

REPUBLIQUE DU CAMEROUN  
Paix – Travail – Patrie

MINISTÈRE DE LA RECHERCHE  
SCIENTIFIQUE ET DE L'INNOVATION

INSTITUT DE RECHERCHES  
MÉDICALES ET D'ÉTUDES DES  
PLANTES MÉDICINALES



REPUBLIC OF CAMEROON  
Peace – Work – Fatherland

MINISTRY OF SCIENTIFIC RESEARCH  
AND INNOVATION

INSTITUTE OF MEDICAL  
RESEARCH AND MEDICINAL  
PLANT STUDIES

## PUBLICATIONS SCIENTIFIQUES DES CHERCHEURS DE L'IMPM AU COURS DE L'ANNÉE - 2021 - 105 publications -

### Programme maladies émergentes et ré-émergentes, VIH/SIDA, paludisme (45)

1. Akwah L., Kanga G.H., Mbamyah L.E.E., Mefo'o J.P.N., Mohamadou M., Mbah C.E., Kagning T.E., Esemi L., Mbakop C.D., Essia-Ngang J.J. and Essame O.J.-L., 2021. Utility of Procalcitonin over C-reactive protein and WBC as an early and rapid diagnostic marker of bacterial infections in febrile patients with or no hemoculture results as gold standard in a malaria endemic zone of Cameroon. *International Journal of Medical Science and Clinical Research Studies*. 01 (07), 163-170.
2. Bowo-Ngandji A., Djabidatou O., Efietngab A.-N., Nkengazong L., Halmata M., Ngonde M.C., (2021). Transmission Dynamics of Intestinal Parasites Infection in Children under Anthelmintic Treatment Residing in a High-Risk Area in Cameroon. *International Journal of Tropical Disease & Health*. 42(7), 1-13.
3. Belobo, J.T.E., Kenmoe S., Kengne-Nde C., Emoh C.P.D., Bowo-Ngandji A., Tchatchouang, S., Sowe W.J. N., Mbongue M. C. A., Tazokong H.R., Kingue S.R., Atembeh-Noura E., Ka'e A.C., Guiamdjo S.R.E., Modiyinji A.F., Ngongang D.T., Che E., Kenfack S., Nzukui N.D., Amvongo A.N., Njouom R., (2021). Worldwide epidemiology of Crimean-congo hemorrhagic fever virus in humans, ticks and other animal species, a systematic review and meta-analysis. *PLOS Neglected Tropical Diseases*. 15(4), e0009299, <https://doi.org/10.1371/journal.pntd.0009299>
4. Dudas G., Ahidjo A., Maidadi F.M., Djomsi M.D. and Godwe C., (2021). Emergence and spread of SARS-CoV-2 lineage B.1.620 with variant of concern-like mutations and deletions. *Nature Communications*. 12, 5769, <https://doi.org/10.1038/s41467-021-26055-8>.
5. Ebogo-Belobo J.-T., Bilongo C.M., Voufo R.A., Atembeh-Noura E., Djabidatou O., Kenfack M.T., Ateba T.P. and Enoke P., 2021. Maternal serum lipids in some women with pre-eclampsia in Yaoundé. *The Pan African Medical Journal*. 39(14), Article 14, <https://doi.org/10.11604/pamj.2021.39.14.22734>
6. Kidzeru E., Gasper M.A., Edlefsen P.T., Shao J., Lejarcegui N., Havyarimana E., Urdahl K., Gantl S., Horton H, Jaspán H. Gervassi A., (2021). A longitudinal analysis of myeloid-derived suppressor Cells and Their Association with Vaccine Immunogenicity in South African infants (Paper number: 5A0520-281). *Journal of Leukocyte Biology*. <https://jlb.onlinelibrary.wiley.com/doi/abs/10.1002/JLB.5A0420-281R>

7. Hawadak, **Dongang N.R.R.** and Singh V., (2021). Global trend of *Plasmodium malariae* and *Plasmodium ovale* spp malaria infections in the last two decades (2000 - 2020): A systematic review and meta-analysis. *Parasites Vectors*. 14(1), 297.
8. Hawadak J., **Nana D.R.R.** and Singh V., (2021). Epidemiological, physiological and diagnostic comparison of *Plasmodium ovale curtisi* and *Plasmodium ovale wallikeri*. *Diagnostics*. 11, 1900, <https://doi.org/10.3390/diagnostics11101900>
9. Bonga J.P.B., Kamdem M.C.M., **Nnanga L.S.**, Abessolo G.F.E, Ndoe M.G., (2021). Impact of introduction of the active follow-up care of the third stage childbirth in the prevention of delivery hemorrhage in the obstetrical gynecology department. *World Journal of Advanced and Reviews*. 11(02), 227-236.
10. Kengne-Nde C., Kenmoe S., Sowe W.J.N., Mahamat G., **Ebogo B.J.T.**, Demeni E.C.P., Tchatchouang S., Tazokong H.R., Ngandji A.B., Mbaga D.S., Sadeuh-Mba S.A., and Njouom R., 2021. Datasets of the Systematic review and meta-analysis on incidence and seroprevalence of Rabies virus in humans, dogs and other animal species in Africa. *One Health*. 13, 100285. <https://doi.org/10.1016/j.onehlt.2021.100285>
11. Kenmoe S., Bowo-Ngandji A., Kengne-Nde C., **Ebogo-Belobo J. T.**, Mbaga D. S., Mahamat G., Emoh C.P.D. and Njouom R., 2021. Association between early viral LRTI and subsequent wheezing development, a meta-analysis and sensitivity analyses for studies comparable for confounding factors. *PLOS ONE*. 16(4), e0249831. <https://doi.org/10.1371/journal.pone.0249831>
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13. Lebeko M., **Kidzeru E.**, Sishi N., Pillaye J., Mkatazo T., Arowolo A. and Khumalo P.N. Cytotoxic evaluation of hair relaxers and straighteners actives in human-derived skin cells. Preprints. 2021060722 (doi10.20944/preprints202106.0722.v1).
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15. **Mansour M.**, Essama S.R., **Akwah L.**, Bamia A., Adamou E.V., **Ngonde M.C.**, **Mbakop C.**, Bello D.F., Ndoumwe J., Yafowo P.D., Njapndounke R. and Kanga H.G., (2021). Antibiotic resistance pattern of *Staphylococcus aureus* and associated risk factors in the Adamaoua and Far North regions of Cameroon. *Microbiology Research Journal International*. 30(11), 1-11.
16. Mbarga M.J.A., **Mouafo T.H.**, Podoprighora I.V., Smolyakova L.A., Yashina N.V., Ermolaev A.V., Mefyod K.M. and Zhygunova A.V., (2021). Trends of COVID-19 in the Central Africa Sub-region: effective health care, effect of endogenous parameters

or a matter of time? *Journal of Pharmaceutical Research. International.* 33(40A), 170-186, <https://doi.org/10.9734/JPRI/2021/v33i40A32233>

17. **Mohamadou M.**, Kountchou L.C., Mbah C.E., Bamia A., Abdouraman B., Ngoutane A., et al., (2021). Social Habits of Health Professionals and their Mobile Phones as Source of MDR Nosocomial Bacteria in Cameroon, Sub Saharan Africa. *Journal of Infectious Diseases and Preventive Medicine.* 9, 214.
18. Ndoe G.M., **Nnanga L.S.**, Ankone A.P., Assama A.S., Atangana M.D.P., Fak M.D. et al., (2020). Epidemiological profile of Covid-19 infection and assessment of knowledges and practices of its barrier measures by the population from the East Cameroon region “. *Journal of Medicine and Health Research.* 5(1), 36-46, 2020.
19. **Nkengazong L., Djabidatou O., Kame N.G.I, Atembeh-Noura E., Taya F.J.B., Ngue M., Zebaze T.S.**, 2021. Impact of Hygiene and Sanitation in Cameroon (HYSACAM) refuse dumpsites on the propagation of resistant forms of parasites in the city of Yaoundé, Centre Region-Cameroon. *International Research Journal of Public and Environmental Health.* V8 (3), 159-207.
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21. **Nono J.K.**, Kamdem D.S., Musaigwa F., Nnaji A.C., Brombacher F., (2021). Influence of schistosomiasis on human vaccine responses. *Trends in Parasitology.* 10, S1471-4922(21)00174-4, doi: 10.1016/j.pt.2021.07.009.
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25. **Yadang A.S.F. Agbor G.A.**, 2021. Importance of patients care after COVID-19 positive test. *Journal of the Cameroon Academy of Sciences.* 17(1).

26. Ayouba A., Agholeng A., Butel C., Cournil A., Delaporte E., Eymard-Duvernay S., Granouillac B., Izard S., Lacroix A., Leroy S., Peeters M., Perrineau S., Serrano L., Reynes J., Tovar-Sanchez T., Vidal N., Fouda P.J., Kounfack C., Mougnotou R., Olinga J., Omgba O., Tchokonte S.C.N., Ymele B., Kambi A., Epoupa M.C.D., Mpoudi-Etame M., Fotso M., Moukoko R., Nké T., Akamba A., Lekelem S., Omgba P.B., Tongo F.S.B., Ngono S., Tanga M., Ebong E., Edoul M.G., **Tsongo M., Mpoudi-Ngolé E.**, Abong T., Ciaffi L., Koulla-Shiro S., Lantché L.G., Manirakiza G., Mimbé E.D., Tetsa T.D., Varloteaux M., Boyer S., Bousmah M.-Q., Maradan G., Nishimwe, Spire B., Lê M.P., Peytavin G., Diallo A., Fournier I, Montoyo A.N. Mercier, Rekacewicz, Perez C.C., Charpentier C., Clumeck N., Flandre P., Ngom G.F., Weiss L., Calmy A., Kouanfack C., Hill A., Delaporte R.J., (2021). Cost-Utility Analysis of a Dolutegravir-Based Versus Low-Dose Efavirenz-Based Regimen for the Initial Treatment of HIV-Infected Patients in Cameroon (NAMSAL ANRS 12313 Trial). *Pharmacoeconomics*. 39(3), 331-343, doi: 10.1007/s40273-020-00987.
27. **Dongang N.R.R, Makoge V., Ngum L.N., Amvongo-Adjia N.**, Singh V. and Moyou R.S., (2021). Evaluating the dual reactivity on SD bioline malaria rapid diagnosis tests as a potential indicator of high parasitemia due to *Plasmodium falciparum*. *Pathogens and Global Health*. <https://doi.org/10.1080/20477724.2021.1953684>
28. Bonanno F.G., Veneri C., Mancini P., Iaconelli M., Suffredini E., Bonadonna L., Lucentini L., Bowo-Ngandji A., Kengne-Nde C., Mbaga D.S., Mahamat G., Tazokong H.R., **Ebogo-Belobo J.T.**, Njouom R., Kenmoe S. and La Rosa G., (2021). A state-of-the-art scoping review on SARS-CoV-2 in sewage focusing on the potential of wastewater surveillance for the monitoring of the COVID-19 pandemic. *Food and Environmental Virology*. <https://doi.org/10.1007/s12560-021-09498-6>
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31. Ojonugwa E., Kehinde A.K., Dijkstra K.-D., Ogbogu S.S., **Fomekong-Lontchi J.** Omonu C., (2021). Odonata from two western Nigeria rainforests, with a record of the rare *Ceriagrion citrinum* Campion. *International Dragonfly Fund*. 162, 1-17.
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36. **Egom E.E.A.**, (2021) Natriuretic Peptide Clearance Receptor (NPR-C) Pathway as a Novel Therapeutic Target in Obesity-Related Heart Failure with Preserved Ejection Fraction (HFpEF). *Frontiers in Physiology*. 12, 674254, doi: 10.3389/fphys.2021.674254
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### **Programme Plantes médicinales et médecine traditionnelle (38)**

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  14. **Lamy L.G.M.**, Dona A., **Ndjip R.**, **Ottou M.T.A.** et al, (2021). Ecology and structure of *Detarium microcarpum* Guill. & Perl. population in the Mbe plain of the Adamawa, Cameroon. European Journal of Ecology. 7(1), 1-11.
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