

REPUBLIQUE DU CAMEROUN  
Paix – Travail – Patrie

-----  
MINISTRE DE LA RECHERCHE  
SCIENTIFIQUE ET DE L'INNOVATION

-----  
INSTITUT DE RECHERCHES  
MEDICALES ET D'ETUDES DES  
PLANTES MEDICINALES



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 - 2020 - 94 publications -

### Programme recherches médicales (34)

---

1. **Adamou V.E.**, Nenba S.J.J., **Ibrahima D.**, Sitty E.P.C., Tanyi E.A., **Ngonde E.M.C.**, Aboubakar, (2020). Epidemiological profile of tuberculosis patients followed at the Tibati Tuberculosis Screening and Treatment Center: 2006-2015. *British Journal of Medical and Health Sciences*. 2(4), 196-202
2. **Akwah L.**, Mbuh S.M., **Maidaidi F.M.**, Kountchou C.L., **Mbah C.**, **Adamou V.E.**, **Mansour M.**, Enama F.S., **Abdouraman B.**, **Adamou O.**, **Marie C.N.E.**, Nkfusai C.N., **Kabeyene O.A.S.**, Ngwene H., (2020). Knowledge attitude and practice regarding breast cancer early detection and breast self-examination among women in the city of Yaoundé-Cameroon. *British Journal of Medical & Health Sciences*. (BJMHS), (2)2.
3. Aremu O., Samuels P., Jermy S., **Lumngwena E.N.**, Mutithu D., Cupido B., Skatulla S., Ntusi A.B.N., (2000). Cardiovascular imaging modalities in the diagnosis and management of rheumatic heart disease. *International journal of Cardiology*. <https://doi.org/10.1016/j.ijcard.2020.09.049>
4. Calmy A., Tovar S.T., Kouanfack C., Mpoudi-Etame M., Leroy S., Perrineau S., Lantche Wandji M., Tetsa T.D., Omgba B.P., Abong B.T., Varloteaux M., **Tongo M.**, Mpoudi-Ngolé E., Montoyo A., Mercier N., LeMoing V., Peeters M., Reynes J., Delaporte E., (2020). New antiretroviral and monitoring strategies in HIV-infected adults in low-income countries (NAMSAL) ANRS 12313 study group. “Dolutegravir-based and low-dose efavirenz-based regimen for the initial treatment of HIV-1 infection (NAMSAL): week 96 results from a two-group, multicentre, randomised, open label, phase 3 non-inferiority trial in Cameroon”. *Lancet HIV*. 7(10):e677-e687, doi: 10.1016/S2352-3018(20)30238-1. PMID: 33010241.
5. Chi P.C., Tosam M.J., Ntabe C.A., **Lumngwena E.N.**, Ngwa E.M., Munung S.N., Tangwa G.B., Oukem-Boyer O.O.M., (2020). Responding to the COVID-19 pandemic in Cameroon: A statement from the Cameroon Bioethics Initiative. *Moroccan Journal of Public Health*. 1(1), 1-4.
6. Edoul G., Chia J.E., Vidal N., Guichet E., Montavon C., Delaporte E., **Mpoudi Ngole E.**, Ayouba A., Peeters M., (2020). High HIV burden and recent transmission chains in rural forest areas in southern Cameroon, where ancestors of HIV-1 have been identified in ape populations. *Infection, Genetic and Evolution*. 84, 104358, doi: 10.1016/j.meegid.2020.104358.
7. Egom E.A.A., **Kamgang R.**, Egom A.B.C., **Moyou-Somo R.**, **Essame O.J.L.**, (2020). Pregnancy and breastfeeding during COVID-15 pandemic. *Therapeutic Advances in Reproductive Health*. 14, 1-3, doi: 10.1177.

8. **Enoh E.J.**, Cho N.F., Manfo P.F., Ako E.S., Akum A.E., (2000). Abnormal levels of liver enzymes and hepatotoxicity in HIV-positive, TB, and HIV/TB-coinfected patients on treatment in Fako Division, Southwest Region of Cameroon. *BioMed Research International*. 1-9, <https://doi.org/10.1155/2020/9631731>
9. Gaillard C.M., Pion S.D., Hamou H., Sirima C., Bizet C., Lemarcis T., Rodrigues J., Esteban A., Peeters M., **Mpoudi Ngole E.**, Mombo I., Liégeois F., Martin C., Boussinesq M., Locatelli S., (2020). Detection of DNA of filariae closely related to *Mansonella perstans* in faecal samples from wild non-human primates from Cameroon and Gabon. *Parasites and Vectors*. 13(1), 313, doi: 10.1186/s13071-020-04184-1.
10. **Kabeyene O.A.C.**, **Mendimi M.J.N.**, **Atangana J.P.A.**, **Fewou A.**, Essame O.J-L., **Sando Z.**, **Ekono A.P.N.**, Akwah L., (2020). Anatomopathological aspects of pleuropulmonary cancers at the Pasteur centre in the city of Yaounde, Cameroon. *British Journal of Medical & Health Sciences (BJMHS)*. 2(4).
11. Kamdem S.D., Kuemkon E.M., Meyo K.L., Tchanana G.K., Konhawa F., Nche F., Oumarou A., Hamza M., Ghislain E.R., Kengne M., Netongo P.M., Ondigui B.E., Okomo A.M.C., Brombacher F., **Nono J.K.**, (2020). An ultrasound-based referential of body height-adjusted normal liver organometry in school children from Bokito in rural Cameroon. *Scientific Reports*. 10, 2773, doi: 10.1038/s41598-020-59613-z
12. Kenmoe S, Kengne-Nde C., **Ebogo-Belobo T.J.**, Mbagha S.D., Modiyinji F.A., Njouom R., (2020). Systematic review and meta-analysis of the prevalence of common respiratory viruses in children < 2 years with bronchiolitis reveal a weak role played by the SARS-CoV-2. *PLoS 1*. <https://doi.org/10.1101/2020.08.28.20183681>.
13. Kenmoe S., Tchatchouang S., **Ebogo-Belobo J.T.**, Ka'e A.C., Mahamat G., Guiamdjo S.R.E., et al., (2020). Systematic review and metaanalysis of the epidemiology of Lassa virus in humans, rodents and other mammals in sub-Saharan Africa. *PLoS Neglected Tropical Diseases*. 14(8), e0008589, <https://doi.org/10.1371/journal.pntd.0008589>
14. **Lumngwena E.N.**, Abrahams B., Shuping L., Cicala C., Arthos J., Woodman Z., (2020). Selective transmission of some HIV-1 subtype C variants might depend on Envelope stimulating dendritic cells to secrete IL-10. *Plos one*. 15(1), e0227533, <https://doi.org/10.1371/journal.pone.0227533>.
15. **Lumngwena E.N.**, Blackburn J., Sebastian S. Ntusi N., (2020). Alterations in protein expression in heart tissues and blood of patients with rheumatic heart disease. *Heart failure Reviews*. <https://doi:10.1007/s10741-020-09993-1>
16. **Lumngwena E.N.**, Metenou S., Lindi M., Cicala C., Arthos J., Woodman Z., (2020). HIV-1 subtype C transmitted founders modulate dendritic cell inflammatory response. *Retrovirology*. <https://doi:10.1186/s12977-020-00526-0>
17. **Maïdadi F.M.**, **Abdouraman B.**, **Akwah L.**, Mbuh S.M., **Mansour M.**, **Mbah C.E.**, **Ibrahima D.**, **Adamou O.P.**, Matchim K.M.C., Aicha N., Emvoutou M.J.V., **Molu J-P.**, Ngwene H., **Kabeyene O.A.C.**, **Ngonde E.C.M.**, (2020). Knowledge, attitudes and perception of Women regarding cervical cancer in the city of Yaoundé, Cameroon. *British Journal of Medical & Health Sciences*. (2)5.
18. **Mbah L.**, Habib R., Ngondi J.L, Iqbal M., Nepovimova E Kuca K., Batool S., Batool S., Nurulain M.S., (2020). Analysis of PON1 gene polymorphisms (rs662 and rs854560) and inflammatory markers in organophosphate pesticides exposed cohorts from two distinct

- populations. *Environmental research*. 191, IF 5.7.
19. **Mbah L.**, Habib R., Ngondi J.L., Raza S., Nepovimova E., Kuca K., Batool S., Nurulain M.S., (2020). Oxidative stress and analysis of selected SNPs of ACHE (rs 2571598), BCHE (rs 3495), CAT (rs 7943316), SIRT1 (rs 10823108), GSTP1 (rs 1695), and Gene GSTM1, GSTT1 in chronic organophosphates exposed groups from Cameroon and Pakistan. *International Journal of Molecular Sciences*. 3, 21(17), 6432.
  20. **Mbah L.**, Raza S, Judith N, Anwar F, Habib R, Batool S and Nurulain SM (2020) Mixture of Organophosphates Chronic Exposure and Pancreatic Dysregulations in Two Different Population Samples. *Frontier in Public Health*. 8, 534902, doi: 10.3389/fpubh.2020.534902.
  21. **Mbuh S.M., Mbah C.E., Lum A.A., Mansour M., Adamou O.P., Kabeyene O.A., Ahouga V.R., Abdouraman B., Matchim K.M.C., Aicha N., Esemu L.F., Maïdadi F.M., Molu J.-P., Ngwene H., Akwah L., Ngonde E.M.C.**, (2020). Assessment of Knowledge, Attitude and Practice of Males about Prostate Cancer, Screening and Early Detection in Yaounde, Cameroon. *Human Journals*. 16(1).
  22. **Mohamadou M.**, Bamia A., Gake B., **Ngonde E.M.C.**, **Mbakop C.D.**, Koubala B., Adiogo D.D.M., (2020). Epidemiology Survey of Antibiotics Use in Hospitals and Veterinarian Practices in Northern Regions of Cameroon. *International Journal for Research in Applied Sciences and Biotechnology*. (7)2.
  23. Mpopo H.S., **Ngum L.N.**, Fankam Y.P., Kandem S.S., Netongo M.P., Mbacham F.W., (2020). Formulation of functional yogurt by cofermentation of milk and papaya fruit. *American Scientific Research Journal for Engineering Technology and Sciences (ASRJETS)*. 71(1), 34-40.
  24. Nangwat C, Ngouana K.T, A Dougue N.A, Kountchou L.C, Ekpo I.A., Dzoyem J.P., Tume B.B, (2020). Virulence attributes of clinical *Candida glabrata* (SensuStricto) Isolates in the West Region of Cameroon. *Asian Journal of Research in Infectious Diseases*. 5(3), 20-28, doi 10.9734/AJRID/2020v5i330168.
  25. Nangwat C., Dougue N.A., Kountchou L.C., Ekpo I.A., Ngouana K.T., Dzoyem J.P., Tume B.B., (2020). Non Detection of *Candida nivariensis* and *Candida bracarensis* Among *Candida glabrata* SensuLato Isolates in the West Region of Cameroon. *European Journal of Clinical and Biomedical Sciences*. 6(5), 71-77, doi: 10.11648/j.ejcb.20200605.11.
  26. Natchema S.F.B., **Atembeh N.E.**, **Nkengazong L.**, **Ebogo B.J.T.**, Ngo Ngué T.N., Ngue M., **Motsebo A.**, **Moyou-Somo R.**, (2020). Environmental sanitation Factors and human behaviour associated with intestinal parasitic infections in rural communities of Cameroon. *International Journal of Tropical Diseases and Health*. 40(4), 1-12.
  27. Ngomsì Y.N., Pokam T.B.D., Enoh E.J., Guemdjom W.P., Assob N.J.C., (2020). Acid fast *Bacilli* and *Histoplasma* co-infection in HIV/AIDS patients in the South West Region of Cameroon. *African Journal of Integrative Health*. 10(1), 107-112.
  28. **Ngum LG**, Netongo M.P., Chedjou J.-P., Mpopo H.S., Mbacham W., (2020). Production of ABO anti-sera and a slide and filter paper base technique for ABO blood grouping using rejected blood. *British Journal of Medicine and Health Research*. Doi: [10.46624/bjmhr.2020.v7.i4.004](https://doi.org/10.46624/bjmhr.2020.v7.i4.004)

29. **Ngwewondo A., Nkengazong L., Ambe L.A., Ebogo J.T., Medou M.F., Oumarou H.G., Nyemb N., Ngonde M.C., Essame O.J-L.,** (2020). Knowledge, attitudes, practices of/towards COVID 19 preventive measures and symptoms: A cross-sectional study during the exponential rise of the outbreak in Cameroon. PLoS Neglected Tropical Diseases. 14(9), e0008700, doi: 10.1371/journal.pntd.0008700.
30. **Nono J.K,** Fu K., Mpotje T., Varrone G., Aziz A.N., Mosala P., Hlaka L., Kamdem D.S., Xu D., Spangenberg T., Brombacher F., (2020). Investigating the antifibrotic effect of the antiparasitic drug Praziquantel *in vitro* and *in vivo* preclinical models. Scientific Reports. 10(1), 10638, doi: 10.1038/s41598-020-67514-4.
31. **Nono J.K.,** Lutz M.B., Brehm K., (2020). Expansion of host regulatory T cells by secreted products of the tapeworm *Echinococcus multilocularis*. Frontiers Immunology. Doi: 10.3389/fimmu.2020.00798.
32. Tchoudjin L.G., Tadu Z., **Lontchi F.J.,** Kakam S., Choungmo A.R.S., Fogang K.P., Massussi A.J., Niba S.A., Lordon D.C., (2020). Influence of season on leaf litter ant (Hymenoptera: Formicidae) diversity in the locality of Minko'o (Southern, Cameroon). African Journal Ecology. <https://doi.org/10.1111/aje.12775>
33. Tchoudjin L.G., Tadu Z., **Lontchi F.J.,** Kakam S., Aymélé-Choungmo R.S., Fogang K.P, Massussi A.J., Niba A., Djiéto-Lordon C., (2020). Leaf litter-dwelling ant (Formicidae) diversity in a tropical rainforest and agro-forestry system, South Region of Cameroon: Implications for conservation management. International Journal of Zoology Studies. 5(4), 1-9.
34. Voufo A.R., Foudi M.M., **Mbah C.E.,** Forgu L.E., Fouodji H.P., **Molu J.P., Djoulde I., Bouba A., Mansour M., Akwah L., Oumar A., Ngonde E.M.,** (2020). Study on the gender prevalence and sensitivity of urogenital mycoplasmas to antibiotics in Yaounde. Scientific African. 8, <https://doi.org/10.1016/j.sciaf.2020.e00372>.

#### **Programme plantes médicinales et médecine traditionnelle (45)**

---

1. **Amina M., Zambou Z.L., Ndjib R.C., Nguezeze Y., Kenne M.P.,** Okah-Nnane N.H., Bitja NRA, Ndjonka D., (2020). Ethnobotanical study of plants used against onchocerciasis in the far north region of Cameroon. Journal of Medicinal Plants Research. 14(9), 496-508.
2. Angie M.M-A., **Edoun F.L.E.,** Ngandi L.C.M., Youvop J.A.F., Orang R.O., Tienoue H.M.F., Nwang F.N., Ngondi J.L., Oben J., (2020). Comparative study of the protective effect of *Cola anomala* and *Coffea arabica* against induced toxicity in rats. Journal of Food Research. 9(5), doi:10.5539/jfr.v9n5p1.
3. Ateba O.J.A., Kamto L., Ottou AMT, **Sidjui S.L.,** Nadia HA., Arsa'a A.N.M., **Nnanga N.,** Ngoupayou J., Tsama E.C., (2020) Phytochemical screening and *in-vitro* evaluation of antimicrobial and antioxidant activities of ethanolic extracts of *Elephantopus mollis* Kunth. (Asteraceae). Journal of Pharmacognosy and Phytochemistry. 9(1), 1711-1715.
4. **Beack B.S.S., Fanta Y.S.A., Kopa K.T., Hadidjatou D.,** Kojom L.P., Kognou M.A., Ndomou M., **Agbor A.G.,** Ngono N.R.A., Tchiegang C., (2000). Hemopoietic effects of some herbal extracts used in treatment of infantile anemia in Cameroon. World Journal of Pharmaceutical and Medical Research. 6(1), 147-155.

5. **Biang M.E.A.**, Kamto Le D.E., Simo M.L., Antheaume C., Lavedan P., Vedrenne M., Noté P.E., Pegnyemb E.D., Mbing N.J., Haddad M., (2020). Triterpenoid saponins from the stem barks of *Chytranthus klaineanus* Radlk. ex Engl. *Phytochemistry Letters*. 37, 37-41
6. **Bouobouo L.P.**, **Ikome N.H.**, Ngandeu F., Dufat H., **Tchinda T.A.**, Ngadjui T.B., (2020). A prenylated flavanone and other constituents of the twigs of *Millettia duchesnei*. *Journal of Chemistry and Chemical Sciences*. 10(5), 222-229.
7. Crentsi A.J., **Yamthe T.R.L.**, Anibea Z.B., Broni E., Kwofie K.S., Tetteh A.K.J., Osei-Safo D., (2020). Leishmanicidal potential of hardwickiic acid isolated from *Croton sylvaticus*. *Frontiers in Pharmacology*. 11, 753.
8. **Diboue P.H.B.**, Nyegue M.A., **Kom C.W.**, Ndedi E.D.F.M., **Tchamgoue A.D.**, **Nnanga N.**, (2020). Preventive effects of the sesquiterpenic compounds of essential oil from *Greenwayodendron suaveolens* (Engl. And Diels) Verdc. Subsp. *Suaveolus* stem barks on free radicals and proteins inflammation. *American Journal of Essential Oils and Natural Products*. 8(3), 20-29.
9. Ditchou Y., **Sidjui L.S.**, Ngnoung A.A.G.A., Doutsing A.K., Abah K., Fomena H., Hamadou M., (2020). Identification of peptides in the leaves of *Bauhinia rufescens* Lam (Fabaceae) and evaluation of their antimicrobial activities against pathogens for aquaculture. *Science Journal of Chemistry*. 8(4), 81-91.
10. **Edoun F.E.L.**, **Tchuente B.R.T.**, **Dibacto R.E.K.**, **Mouafo H.T.**, **Tchuenchieu A.D.K.**, **Ndzana A.C.C.**, **Medoua G.N.**, (2020). Phytochemical screening and antioxidant potential of aqueous extracts of *Millettia laurenti*, *Lophira alata* and *Milicia excelsa*, commonly used in the Cameroonian pharmacopoeia. *European Journal of Medicinal Plants*. 31(11), 11-23.
11. Etoundi L.F.M., Kono L.D., Onguen M.E.A., Effa J.A.M., Funwi F.P., Lontchi J.F., Zekeng J.C., Ambang Z., Abada M.M.M. (2020). Plant diversity of oil palm plantations of different ages and under different farming practices in the Ngoas locality Yaounde-Cameroon. *International Journal of Innovation Application*. 29(4), 848-859.
12. **Feudjou F.W.**, Mbock M.A., Wache O.M.B., Sielinou T.V., Gounoue K.R., Mkounga P., Lenta N.B., Dimo T., Fekam B.F., Sewald N., Nkengfack E.A., (2020). An antibacterial isovaleronitrile diglycoside from *Detarium microcarpum*. Guill. Perr. (Fabaceae). *Natural Products Communication*. 15(6), 1-6.
13. **Ikome H.N.**, Ayimele G.A., **Bouobouo P.L.**, **Yadang S.A.F.**, **Lah F.C.W.**, Tendonkeu A.T., **Agbor G.**, **Tchinda A.T.**, (2020). Antioxidant activity of flavonoids from the leaves of *Tapinanthus pentagonia* (Loranthaceae). *Journal of Phytopharmacology*. 9(3), 202-209.
14. Kakam S., Mokam G.D., Alene D.C., Tadu Z., **Fomekong-Lontchi J.**, Tchoudjin G-L., Massussi J-A & Djieto-Lordon C., (2020). Biological diversity of invertebrate fauna circulating in some cucurbit-based market gardening agrosystems at Minko'o (South Region, Cameroon). *International Journal of Agriculture, Environment and Bioresearch*. 5(4), 106-115.
15. Kamko J.D., Tchichoua Y.H., Ngonkeu M.E.L., **Nzweundji J.G.**, Tchatat M., Eloumou D., Mam C.E., Chamedjeu R., Tekeu H., Lessa F., Foko B., Damdjo A., Ngom N.A., Boyomo B., (2020). Effect of arbuscular mycorrhiza fungi used as biofertilizer for the



- vegetative propagation of *Prunus africana* (Hook. f.) Kalkman. International Journal of Plants Research. 10(3), 53-60.
16. Kamkumo G.R., Nangap T.M.J., **Tchokouaha Y.L.R.**, Tsofack N.F., Fokou T.V.P., Tali T.B.M., Dimo T., Fekam B.F., (2020). Antimalarial activity of the aqueous extract of *Euphorbia cordifolia* Elliot in *Plasmodium berghei*-infected mice. Asian Pacific Journal of Tropical Medicine. 13(4), 176-184, doi: 10.4103/1995-7645.280239.
  17. Kemegne G.A., Bettache N., Nyegue M.A., Etoa F-X and Menut C., (2020). Cytotoxic activities of *Psidium guajava* and *Mangifera indica* plant extracts on human healthy skin fibroblasts and human hepatocellular carcinoma. Issues in Biological Sciences and Pharmaceutical Research. 8(4), 58-64.
  18. Kognou A.L.M., **Kowa K.T.**, Pradeep P., Prem P.N., Mouokeu R.S., **Tchinda A.T.**, **Agbor G.A.**, Rajesh P., Ngane R.A.N., (2020). Pharmacological evidence of three medicinal plants used for the management of inflammation in Cameroon. Journal of Basic and Clinical Physiology and Pharmacology. Doi:10.1515/jbcpp-2019-0053.
  19. **Kopa T.K.**, **Yamthe T.L.R.**, **Nyemb J.N.**, Wabo H.L., **Tchinda T.A.**, Appiah-Opong R., Agbor G.A., Tane P and Frederich M., (2020). Antipromastigote and cytotoxicity activities of some chemical constituents of *Hypericum lanceolatum* Lam. (Guttifereae). Journal of Applied Pharmaceutical Science. 10(1), 026-032.
  20. **Lah F.C.W.**, **Tchamgoue A.D.**, **Abdou J.P.**, **Kowa T.K.**, Wabo H.K., **Tchinda A.T.**, **Agbor G.**, Frédéric M., Dongo E., (2020). **Anti-inflammatory activity of chemical constituents from *Echinops gracilis* (Asteraceae).** Journal of Phytopharmacology. 9(3), 169-174.
  21. **Lamy L.G.M.**, (2020). Étude ethnobotanique et variabilité morphologique de *Syzygium guineense* var. *macrocarpum* dans les hautes savanes guinéennes de l'Adamaoua (Cameroun). Résumé de thèse. Bois et Forêts des Tropiques. 343, 83-84.
  22. **Lamy L.M.G.**, **Meli K.P.**, Dalatou T., Alega A.C., Dona A., Zebazen Z.L., **Ndjib R.**, Guidawa F., **Nzweundji J.G.**, **Tchinda D.N.**, **Agbor A.G.**, Wadjiri B.P.JV, Wackilou, (2020). Reciprocity in ethnobotanical research: case of a study carried out in the Mbe plain of Adamawa, Cameroon. Ethnobotany Research & Applications. 38, 1-12, <http://dx.doi.org/10.32859/era.20>.
  23. **Ma'mag L.K.**, Abouem A., Zintchem A., Atchadé A.T., **Kowa T.K.**, **Tchinda A.T.**, Bikobo D.S.N., Pegnyemb D.E., (2020). Antileishmanial activity of long chain alkyl benzene and other constituents from seeds of *Sesamum indicum*. L (Pedaliaceae). Natural Products Research. Doi: 10.1080/14786419.2020.1793147.
  24. Mbock A.M., **Fouatio F.W.**, Kamkumo G.R., Fokou T.V.P., Tsofack N.F., Lunga P.-K., Essia Ngang J.J., Boyomo O., Nkengfack E.A., Ndjakou L.B., Fekam B.F, Sewald N., Dimo T., (2020). *In vitro* and *in vivo* anti-salmonella properties of hydroethanolic extract of *Detarium microcarpum* Guill. & Perr. (Leguminosae) roots bark and LC-MS- based phytochemical analysis. Journal of Ethnopharmacology. <https://doi.org/10.1016/j.jep.2020.113049>.
  25. Mbong A.M-A., **Edoun F. L. E.**, Manga Ngandi L.C.M., Youvop J.A.F., Orang R.O., Fotso H.M., Tienoue F., Ngalla N. Ngondi J. L., Oben J., (2020). Comparative study of the protective effect of *Cola anomala* and *Coffea arabica* against induced toxicity in rats. Journal of Food Research. 9(5), doi:[10.5539/jfr.v9n5p1](https://doi.org/10.5539/jfr.v9n5p1)

26. **Mediesse KF.**, Matharasala G., Boudjeko T., Yogeewari P., (2020). Preliminary study on the in vivo anti-neuroinflammatory effects of *Khaya grandifoliola* and *Cymbopogon citratus* polysaccharide fractions. *Journal of Advance in Biology and Biotechnology*. 23(5), 23-32.
27. Megnigieu M.E., Nyemb J.N., Ngwasiri N.N., **Fanta Y.S.A.**, Nveikoueing F., Kouam F.S., Ndjonka D., (2000). In vitro anthelmintic activities of extracts and fractions of *Cosmos sulphureus* Cav, against *Onchocerca ochengi*. *Journal of Diseases and Medicinal Plants*. 6(1), 22-30.
28. **Mouafo T.H.**, Mbawala A., Somashekar D., Tchougang M.H., Nanishankar V.H., Ndjouenkeu R., (2020). Biological properties and structural characterization of a novel rhamnolipid like-biosurfactants produced by *Lactobacillus casei* subsp. *casei* TM1B. *Biotechnology and Applied Biochemistry*. <https://doi.org/10.1002/bab.1966>.
29. Ndjib R.C., Djova S.V., **Kom C.W.**, **Agbor A.G.**, **Mamat A.**, Dibong S.D., Nyegue M.A., (2020). In vitro antioxidant and antiinflammatory activities of *Alchornea cordifolia* (Schumach and Thonn.) Mull. Arg. and *Antrocaryon klaineanum* Pierre extracts. *International Journal of Pharmacy and pharmaceutical Sciences*. 12(8), 129-135.
30. Ngoupayo J, Sonkoue MSL, **Chelea M**, Ndelo J., (2020). Comparative study of the antibacterial and antioxidant properties of raw and tannic extract of the bark of *Musanga cecropioides* R.Br. & Tedlie (Urticaceae). *The Pharmaceutical and Chemical Journal*. 7(2), 1-11.
31. Nwakiban A.P.A., Cicolari S., Piazza S., Gelmini F., Sangiovanni E., Martinelli G., Bossi L., Carpentier-Maguire E., **Tchamgoue A.D.**, **Agbor G.A.**, Kuate J.-R., Beretta G., Agli M.D., Magni P., (202). Oxidative stress modulation by Cameroonian spice extracts in HepG2 cells: Involvement of Nrf2 and improvement of glucose uptake. *Metabolites*. 2020, 10, 182, doi:10.3390/metabo10050182.
32. Saïfoulah D., Micheal V., Housseini D. J., Alhadji A.H., Loabe P. A., **Mediesse K. F.**, (2020). Caractérisation de système de culture maraîchère dans la ville de Garoua: Cas de la filière tomate (*Lycopersion esculentum*). *International Journal of Innovative, Science and Research*. 49, 342-348.
33. Soh D., Tchebemou B.B., Nkwengoua E.T., Defokou U.D., **Sidjui L.S.**, Ahmed A., Teponno R.B., lateef M., Shaiq M.A., Nyassé B., (2020). New cucurbitane type triterpenes from *Momordica foetida* Schumach and Thonn. *Phytochemistry letters*. 38, 90-99
34. Sonkoue M.S.L., **Chelea M.**, Ndelo J., Ngoupayo J., (2020). Comparative study of the antibacterial and antioxidant properties of raw and tannic extract of the bark of *Musanga cecropioides*. *The Pharmaceutical and Chemical Journal*. 7(2), 1-11.
35. Steverding D., **Sidjui S.L.**, Ferreira R.E., Ngameni B., Folefoc N.G., Mahiou-Leddé V., Ollivier E., Stephenson R.G., Storr E.T., Tyler M.K., (2020). Trypanocidal and leishmanicidal activity of pentacyclic and tetranor triterpenoid limonoids. *Journal of Natural Medicines*. 74, 606-611.
36. Tali M.B.T., Mbouna C.D.J., **Tchokouaha L.R.Y.**, Fokou P.V.T., Nangap J.R.T., Keumoe R., Mfopa A.N., Bakarnga-via I., Kamkumo R.G., Boyom F.K., (2020). In vivo antiplasmodial activity of *Terminalia mantaly* stem bark aqueous extract in mice infected

- by *Plasmodium berghei*. Journal of Parasitology Research. 1-9, <https://doi.org/10.1155/2020/4580526>.
37. **Tchamgoue D.A.**, Dzeufiet D.D.P., Kuate J.-R., **Agbor A.G.**, (2020). *Costus afer* modulates the activities of glycolytic and gluconeogenic enzymes in streptozotocin induced diabetic rats. Journal of Drug Delivery and Therapeutics. 10(4-s), 63-70.
  38. **Tchamgoué D.A.**, **Kopa K.T.**, **Nyunaï N.**, **Betote D.P.H.**, Nguimmo M.A., Medou M.F., (2020). Carbohydrates test and *in vitro* inhibitory activities of alpha-glucosidase and alpha-amylase of stem bark extracts of *Musanga Cecropioides*. Pharmaceutical Research. 4(2), 000202.
  39. **Tchamgoué D.A.**, **Kowa K.T.**, **Nyunaï N.**, **Diboué B.P.H.**, Nguimmo M.A., Medou M.F., (2020). Carbohydrates test and *in vitro* inhibitory activities of alpha glucosidase and alpha-amylase of stem bark extracts of *Musanga Cecropioides*. Open Access Journal of Pharmaceutical Research. 4, 1-9.
  40. **Tchokouaha Y.L.R.**, Philips T.J., Osei-Safo D., **Toukam D.P.**, Odame A., Eunice D., Tsouh F.P.V., Kwofie S.K., Fekam B.F., Kwadwo N.A., Appiah -Opong R., Wilson M.D., (2020). Antileishmanial effects of *Sargassum vulgare* products and prediction of trypanothione reductase inhibition by fucosterol. Future Drug Discovery. 2(3), <https://doi.org/10.4155/fdd-2020-0002>.
  41. Tchoudjin G-L., Tadu Z., **Fomekong-Lontchi J.**, Kakam S., Aymélé-Choungmo S.R., Kenfack-Fogang P., Massussi J.A., Niba A., Djiéto-Lordon C., (2020). Leaf litter-dwelling ant (Formicidae) diversity in a tropical rainforest and agro-forestry system, South Region of Cameroon: Implications for conservation management. International Journal of Zoology Studies. 5(4), 01-09.
  42. **Yadang F.A.**, **Nguezeye Y.**, **Kom W.C.**, **Betote D.H.P.**, **Mamat A.**, **Tchokouaha Y.R.L.**, Taiwe G.S., **Agbor G.A.**, and Ngo B.E., (2020). Scopolamine-Induced Memory Impairment in Mice: Neuroprotective effects of *Carissa edulis* (Forssk.) Valh (Apocynaceae) aqueous extract. International Journal of Alzheimer's Disease. Article ID 6372059, 1-10.
  43. **Zouheira D.**, **Agbor G.A.**, Singh R., Kamani S.L.P., Kajal A., Farooq S.A., Ngnokam S.L.W., (2020). In vitro antioxidant properties and inhibitory effect of extracts and fractions of *Plectranthus glandulosus* Leaf extracts on copper sulfate induce oxidation in human low density lipoprotein. Journal of Drug Delivery and Therapy. 10(4), 133-145.
  44. **Zouheira D.**, **Agbor G.A.**, Singh R., Kamani S.L.P., Kajal A., Farooq S.A., Ngnokam S.L.W., (2020). In vitro antioxidant properties and inhibitory effect of extracts and fractions of *Plectranthus glandulosus* leaves on copper sulfate (CuSO<sub>4</sub>)-induced oxidation in human low-density lipoprotein. Journal of Drug Delivery Therapy. 10(4), 133-45.
  45. **Zouheira D.**, Wansi S.L., **Bouobouo L.P.**, Kamani S.L.P., **Mba R.J.**, **Yadang F.S.A.**, **Tchamgoue A.D.**, **Tarkang P.A.**, **Agbor G.A.**, (2020). Antioxidant and anti-inflammatory activity of *Plectranthus glandulosus* leaf extracts. International Journal of Pharmaceuticals Sciences Reviews and Research. (1), 40-51.



## **Programme alimentation et nutrition (14)**

1. Baomog B.M.E., **Tchuenchieu D.A.**, Ze Z.N., Sado K.L.S., Essia N.J-J., (2020). Impact of PVC and stainless-steel materials on *Staphylococcus aureus* biofilms production and their thermodeactivation as affected by pH, time and NaCl. International Research Journal of Advanced Engineering and Science. 5(2), 107-112.
2. **Bassogog C.B.**, Bakepek P., **Nyobe C.**, **Panyo'o E.**, Okella E., Edoun F., **Yadang G.**, **Feumba R.**, **Medoua G.**, Mune M., **Minka S.**, (2020.) Chemical composition, antioxidant, alpha-amylase inhibitory and functional properties of *Curcumeropsis mannii* seeds protein concentrate. Journal of Food Process and Technology. 11, 826.
3. **Bonglaisin J.N.**, **Mouafo T.H.**, Baomog B.A.M., Adjele J.B.J., Lantum D.N., (2020). Determination of heavy metals (Pb, Cd and Hg) in crude and refined edible salt at production level in Cameroon – a Risk assessment. IJARP. 4 (2), 58-64.
4. **Bonny P.**, Desdouits M., Schaeffer J., Garry P., **Essia J.J.**, Le Guyader F.S., (2020). Contamination of clams with human Norovirus and a novel hepatitis A virus in Cameroon. Food and environmental Virology. 12, 274-277, <https://doi.org/10.1007/s12560-020-09432-2>.
5. Ekoe T., Bianpambe I.O., Nguetack F., Pondi M.D., Kana-Sop M.M., Hays P.N., **Medoua G.**, Koki N.P., (2020). Efficacy of an iron-fortified infant cereal to reduce the risk of iron deficiency anemia in young children in East Cameroon. Food Science & Nutrition. Doi: 10.1002/fsn3.1639.
6. M'bobda C.M., Ngondi J.L., Ntentie F.R., **Tchuente B.R.T.**, Nguedjo, M.W., Azantsa B.G.K., and Oben J.E., (2020). Assessment of dietary habits and nutritional status of women of childbearing age in Cameroon: A Cross Sectional Study. Open Journal of Epidemiology. 10, 369-392, <https://doi.org/10.4236/ojepi.2020.104030>
7. Maptouom L., **Tchuenchieu A.**, Saha B., Metsatedem Q., Edoun F., **Feumba R.**, **Medoua G.**, Njamen D., Fokou E., (2020). Influence of different traditional production processes on the antioxidant capacity and vitamin C content of baobab (*Adansonia digitata*) Juice. African Journal of Food Science. 14 (1), 14-34.
8. **Mouafo T.H.**, Mbawala A., Tanaji K., Devappa S.D., Ndjouenkeu R., (2020). Improvement of the shelf life of raw ground goat meat by using biosurfactants produced by lactobacilli strains as biopreservatives. LWT-Food Science and Technology. 133, 110071, <https://doi.org/10.1016/j.lwt.2020.110071>.
9. Mukota K.A., Gondam K.F.M., **Tsafack T.J.J.**, Sasanya J., Reybroeck W., Ntale M., Nyanzi A.S., Tebandeke E., (2020). Primary validation of Charm II tests for the detection of antimicrobial residues in a range of aquaculture fish. BMC Chemistry. 14, 32.
10. Nganou N.D., Tchinda E.S., Noumo T.N., **Mouafo H.T.**, Sokamte A.T. and Tatsadjieu L.N. (2020). Fungal diversity and evaluation of ochratoxin a content of coffee from three Cameroonian regions. Journal of Food Quality. 2020, 1-10.
11. **Nguegwouo E.**, Njumbe E.E., Njobeh P.B., Medoua G.N., Ngoko Z., Fotso M., De Saeger S., Etoa F-X., (2020). Aflatoxins contamination in maize-based foods and human health implication in Bafia (Centre-Cameroon). International Journal of Agriculture and Environmental Research. 6 (1), 47-61, doi: 10.46609/IJAER.2020.v06i01.005.
12. Ntentie F.R., Mbong M.-A.A., **Nguedjo M.W.**, **Tchuente B.R.T.**, Mboindi O.M., Azantsa B.G.K., Ngondi J.L., Oben, J.E., (2020). Metabolic abnormalities and metabolic

syndrome among Cameroonian women: Comparative study between pre- and postmenopausal women. *Journal of Biosciences and Medicines*. 8, 76-89. <https://doi.org/10.4236/jbm.2020.87008>.

13. **Ntsama M.P., Tsafack T.J.J., Medoua N.G.,** Mbofung F.M.C., (2020). Preparation of ready to use supplementary food for treating moderate acute malnutrition in children aged 6 to 59 months. *IRA-International Journal of Applied Sciences*. 14(03), 22-33.
14. **Tsafack T.J.J., Mouafo T.H., Manet L.,** Baomog A.M.B., Adjele B.J.J., Medjo E.K., **Medoua G.N.,** (2020). Assessment of the presence of total aflatoxins and aflatoxin B1 in fish farmed in two Cameroonian localities. *International Journal of Food Science*. 1-6, <https://doi.org/10.1155/2020/2506812>.

#### **Livres et chapitres dans les livres (1)**

---

1. **Nzweundji J.G.,** Awasom I.A., **Donfagsiteli T.N.,** Niemenak N.A. (2020). Review of the classification, propagation techniques and toxicity of endangered *Prunus africana* (Hook f.) Kalkman for its improved domestication and conservation. In, Schneider W (Ed.) *Prunus, classification, cultivation and toxicity*. Plant Science Research and Practices. Nova science publisher New york. 163-185.