

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 - 2016 - 43 publications -

### Programme recherche médicale (13)

---

1. **Dongang N.R.**, Tombi J., **Nkengazong L.**, **Ojong L.J.**, **Adamou Mfopa**, Ngadjeu S., Ngue M., **Moyou-Somo R.**, (2016). Prevalence of leukocyturia among *Schistosoma haematobium* infected school children in Cameroon. *International Journal of Tropical Diseases and Health*. 14(1), 1-7.
2. **Ndzi E.S.**, **Asonganyi T.**, **Nkinin M.B.**, **Xiao L.**, **Didier E.S.**, **Bowers L.C.**, **Nkinin S.W.**, **Kaneshiro E.S.**, (2016). Fast Technology Analysis (FTA) Enables Identification of Species and Genotypes of Latent Microsporidia Infections in Healthy Native Cameroonians. *Journal of Eukaryotic Microbiology*. 63(2), 146-152.
3. **Makoge V.**, Harro M., **Ndzi E.**; **Jerry E.**, (2016). Knowledge, attitudes and practices about malaria in Mbonge and Kumba sub-divisions in Cameroon. *International Journal of Tropical Disease and Health*. 15(2), 1-13
4. **Nyemb N.**, **Abel J.G.Y.**, **Thierry G.N.T.**, **Armelle D.T.**, **Marie C.N.**, **Christine S.M.M.**, (2016). Anti-hyperglycemic and antioxidant potential of water-Ethanol extract of *Musanga ceropioides* stem bark. *International Journal of Pharmaceutical Sciences and Drug Research*. 8(1), 43-49.
5. **Ojong L.J.**, **Abdou J.P.**, **Kandeda A.K.**, **Yaya G.A.J.**, **Tchamgoue D.A.**, **Tchokouaha Y.L.R.**, **Nkantchoua C.G.**, **Agbor A.G.**, **Moyou S.R.**, **Ngo Bum E.**, (2016). Anticonvulsant and *in vitro* antioxidant activities of *Momordicacissoides* L. (Cucurbitaceae). *Journal of Applied Pharmaceutical Science*. 6 (04), 117-123.
6. **Abdou J.P.**, **Ojong L.J.**, **Muhammad I.C.**, **Tchamgoue D.A.**, **Kandeda K.A.**, **Yaya G.A.J.**, **Agbor AG**, **Moyou S.R.**, **Ngo Bum E.**, (2016). Biological activity and toxicity of decoction of *Momordicacissoides* L. leaves. *Asian Journal of Ethnopharmacology and Medicinal Foods*. 02(02), 01-10.
7. **Nkengazong L.**, **Ngo N.T.N.**, **Nukenine N.E**, **Ngué M.**, **Moyou-Somo R.**, (2016) Study of Neglected Tropical Diseases (NTDs): Gastrointestinal parasites in school Children of Lolodorf neighborhood, South Region, Cameroon. *International Journal of Tropical Diseases and Health*. 20 (1), 1-11
8. **Tangi F.B.**, **Fokam E.B.**, **Longdoh N.A.**, **Eteneneng E.J.** (2016) Intestinal parasite in diabetes mellitus patients in the Limbe and Buea municipalities, Cameroon. *Diabetes Research Open Journal*. 2(1), 147-153.
9. **Noubissi P.A.**, **Ngwewondo A.**, **Fokam T.M.A.**, **Fankem G.O.**, **Kamgang R.**, (2016). Spasmolytic and anti-secretory activities of water/ethanol *Crinum jagus* extract. *International Journal of Pharmacology, Phytochemistry and Ethnomedicine*. 5, 52-59.
10. **Mvongo C.**, **Mfopa A.**, **Noubissi P.A.**, **Kamgang R.**, **Essame O.J.-L.**, (2016). Antidiabetic and antioxidant activities of *Crinum jagus* extracts on induced diabetes

- rats MACAPOS 1. International Journal of Pharmacology, Phytochemistry and Ethnomedicine. 5, 86-95.
11. Nyemb N. et al., (2016). Ant-hyperglycemic and antioxidant potential of water-ethanol extract of *Musanga cecropioides* stem bark. International Journal of Pharmaceutical Sciences and Drug Research. 8(1), 43-49.
  12. Vendelova E., Camargo de Lima J., Lorenzatto K.R., Monteiro K.M., Mueller T., Veepaschit J., Grimm C., Brehm K., HrcKova G., Lutz M.B., Ferreira H.B., **Nono J.K.**, (2016). Proteomic analysis of excretory-secretory products of Mesocestoides corti metacestodes reveals potential suppressors of dendritic cell functions. PLoS Neglected Tropical Diseases. 10(10), e0005061, doi:10.1371/journal.pntd.0005061.
  13. Vendelova E., HrcKova G., Lutz M.B., Brehm K., **Nono J.K.**, (2016). *In vitro* culture of Mesocestoides corti metacestodes and isolation of immunomodulatory excretory-secretory products. Parasite Immunology. 38(7), 403-13, doi: 10.1111/pim.12327.

#### **Programme sur les Plantes Médicinales et Médecine Traditionnelle (24)**

---

1. Abdou J.P., **Ojong L.J.**, Iqbal Choudhary M., **Tchamgoue D.A.**, Kavaye Kandeda A., **Gbweng Y.A.J.**, **Agbor G.**, **Moyou S.R.**, Bum Ngo E., (2016). Biological activity and toxicity of decoction of *M. cissoides* l. leaves. Asian Journal of Ethnopharmacology and Medicinal Foods. ISSN 2455-4812.
2. Asa'ah Nkohkwo, **Agbor G.**, Asongalem E., Tayou T.C., Tazoacha A., (2016). Whole blood pathogen reduction technology and blood safety in sub-Saharan Africa: A systematic review with regional discussion. African Journal of Laboratory Medicine. 5(1), 1-9, doi: 10.4102/ajlm.v5i1.3.
3. Bitchagno G.T.M., Tankeo S.B., Tsopmo A., Mpetga J.D.S., **Tchinda A.T.**, Fobofou S.A.T., Nkuete A.H.L., Wessjohann L.A., Kuete V., Tane P., (2016). Ericoside, a new antibacterial biflavonoid from *Erica mannii* (Ericaceae). Fitoterapia. 109, 206-211.
4. **Djouonzo T.P.**, Ladoh-Yemeda C.F., **Tchinda T.A.**, Mbafor T.J., (2016). Antiradical activity, total phenolic and flavonoid content of extracts from the stem bark of *Pterocarpus erinaceus*. Scholarly. Academic Journal of Biosciences. 4(6), 473-477.
5. Domekouo U.L.F., Longo F., **Tarkang A.P.**, **Tchinda T.A.**, **Tsabang N.**, **Donfagsiteli N.T.**, **Tamze V.**, Kamtchouing P., **Agbor G.**, (2016). Evaluation of the antidiabetic and antioxidant properties of *Morinda lucida* stem bark extract in Streptozotocin intoxicated rats. Pakistan journal of pharmaceutical sciences. 29(3), 903-911.
6. **Donfagsiteli T.N.**, Waswa W.B., Muchugi A., Fotso, Nzweundji G., Omokolo N.D., Skilton R., (2016). Genetic diversity and gene flow revealed by microsatellite DNA markers in some accessions of African Plum (*Dacryodes edulis*) in Cameroon. African Journal of Plants Sciences. 15(13), 511-517.
7. Foe F.M.-C.N, Tchintang T.F.K., Nyegue A.M., **Abdou J.-P.**, **Yaya A.J.G.**, **Tchinda A.T.**, Essame J.-L., Etoa F.-X., (2016). Chemical composition, *in vitro* antioxidant and anti-inflammatory properties of essential oils of four dietary and medicinal plants from Cameroon. BMC Complementary and Alternative Medicine. 16, 117, doi 10.1186/s12906-016-1096-y

8. Kengne A.B.O., Téné M., **Tchinda A.T**, Tané P., Frédérick M., (2016). Terpenoids from *Phaulopsis imbricata* (Acanthaceae). African Journal of Plants Sciences. 10(10), 122-129.
9. Kouitcheu Mabeku L. B., Eyoun Bille B., **Nnanga N.**, Tamesse J.L., (2016). Anti-*Helicobacter pylori* activity and gastroprotective effect of *Emilia coccinae* (Asteraceae) against ethanol-induced gastric mucosal hemorrhage in rats. Pharmacologia. 7(6-7), 308-317.
10. **Kowa T.K.**, Tane P., Wabo H.K., Tala M.F., **Tchinda A.T.**, Zofou D., Tan N.-H., Titanji V.P.K., (2016). Activité antiplasmodial *in vitro* des composés isolés des écorces du tronc de *Vitex thyrsoiflora*. Compte Rendu Chimie. Doi: 10.1016/j.crci.2015.10.007.
11. **Kowa T.K.**, Zofou D., Tala M.F., Wabo H.K., Tan N-H., Titanji V.P.K., Tane P., (2016). Antiplasmodial activity and cytotoxicity of isolated compound from the stem bark of *Anthocleista liebrechtsiana*. Records of Natural Products. 10, 287-293.
12. Messi A.N., **Ngo Mbing J.**, Ndongo J.T., Nyegue M.A., **Tchinda T.A.**, F.L. Yemeda, M. Frédérick, D.E. Pegnyemb., (2016). Phenolic compounds from the roots of *Ochna schweinfurthiana* and their antioxidant and antiplasmodial activities. Phytochemistry letters. 17, 119-125.
13. **Nnanga N.E.**, Kidik P.C., Ngo B.P.C., Dibong S.D., Mpondo M.E., (2016). Inventaire et caractérisation des plantes médicinales utilisées en thérapeutique dans le département de la Sanaga Maritime: Ndom, Ngambe et Pouma. Journal of Applied Biosciences. 106, 10333-10352.
14. **Nnanga N.E.**, Owona M.L.J., Etamé L.G., Aba'a M.D., Nnomo A.K., Olinga M.F., Arrey A. H., Menyeng M.A.A., Mpondo M.E., (2016). Evaluation qualitative des comprimés d'Albendazole, de Mebendazole et de Praziquantel commercialisés dans la ville de Yaoundé. Health Sciences and Disease. 17(3), 1684-2782.
15. **Nnanga N.E.**, Tabi Ombga Y.L.T., Kidik Pouka M.C., Vandi D., Tsala D.E., Sidjui L., And Mpondo Mpondo E.A., (2016). Quality assessment of sample of generic cotrimoxazole tablets (480mg) marketed in Douala (Cameroon). International Journal of Innovation and Applied Studies. 15(4), 926-935.
16. **Nnanga N.E.**, Tamdem G.S, Manga M. R., Sidjui S.L., Mpondo M.E. A, (2016) Pharmaceutical control of ibuprofen tablets brands sold in the formal and informal sectors in Cameroon. International Journal of Innovation and Applied Studies. 17(1), 284-290.
17. **Nnanga N.**, Vandi D., Famen L.N., **Sidjui L.S.**, Ngué S.A., Sikadeu S., Kouipou T.R.M., Nganso Y.O.D, Mpondo E.M., (2016) Phytochemistry and *in vitro* antimicrobial, antioxydant activities of *Entandrophragma candollei* H. Journal of Applied and Pharmaceutical Sciences. 6(05), 073-079.
18. **Nyemb N.**, **Yaya G.A.J.**, Tabi T.G.N., **Tchamgoue A.D.**, **Ngonde M.G.**, **Minka M.S.K.**, (2016). Anti-hyperglycemic and antioxidant potential of water-ethanol of *Musanga cecropioides* stem bark. International Journal of Pharmaceutical Sciences and Drug Research. 8(1), 43-49.
19. **Ojong L.J.**, **Abdou J.P.**, Kavaye Kandeda A., **Gbaweng Y.A.J.**, **A.**, **Lauve R.Y.** **Tchokouaha**, Nkantchoua N.G.C., **Agbor G.**, (2016). Anticonvulsant and *in vitro*

- antioxidant activities of *Momordica cissoides* L. (Cucurbitaceae). *Journal of Applied Pharmaceutical Science*. 6(4), 117-123.
20. Talla E., Nyemb J.N., **Tchinda A.T.**, Djou S.G.Z., Biyanzi P., Sophie L., Elst L.C., Mbafor. J.T., (2016). Antioxidant activity and a new ursane-triterpene from *Vitellaria paradoxa* (Sapotaceae) stem barks. *European Journal of Medicinal Plants*. 16(3), doi: 10.9734/EJMP/2016/28847.
  21. **Tsabang N., Nnanga N.**, Fokunang Tembe E., Agbor G.A., (2016). Herbal medicine and treatment of diabetes in Africa: Case Study in Cameroon. *Diabetes Case Report*. 1, 112.
  22. Tsouh F.P.V., Kissi-Twum A., Yeboah-Manu K.D., Appiah-Opong R., Addo P., **Tchokouaha L.R.Y.**, Ngoutane M.A., Fekam B.F., Nyarko K.A., (2016). *In vitro* activity of selected West African medicinal plants against *Mycobacterium ulcerans* disease. *Molecules*. 21(4), 445.
  23. **Ojong L.J.**, Ngo B.E., Nkantchoua G.C., Taiwe G.S., Njapdounke K.S.J., **Moyou S.R.**, Temkou N.T.G., (2016). Anticonvulsant activities of *Momordica cissoides* Linn (Cucurbitaceae). *Asian Journal of Neuroscience*. Manuscript number 1708928.
  24. Talla E., **Yaya A.J.G.**, Mokale A., **Abdou J.P., Tchinda T.A.**, Michel F., Mbafor J.T., (2016). Chemical constituents from *Erythrina droogmansiana* (Fabaceae) and antibacterial potential of some compounds. *Natural Products: An Indian Journal*. 12 (1), 12-20.

### **Programme sur l'Alimentation et Nutrition (06)**

---

1. Ashangwa T., **Chelea M.**, Ritin F., (2016). The experience of people living with epilepsy in developing countries: a systematic review of a qualitative evidence. *JBI Database of Systematic Reviews & Implementation Report*. 136-192.
2. **Baleba M.M.R.**, Tih E.A., Ghogomu T.R., (2016). Biflavonoids constituents from the leaves of *Rhabdophyllum calophyllum* (Hook F) Tiegh (Ochnaceae). *Der Pharma Chemica*. 8(8), 167-169.
3. **Gondam K.M.**, Tatfo K.F., **Yangoua M.H.**, Kansci G., **Medoua N.G.**, (2016). Antimicrobial usage in the chicken farming in Yaoundé, Cameroon: a cross-sectional study. *International Journal of Food Contamination*. 3, 10.
4. Mune M.M.A., **Nyobe E.M.**, Bakwo B.C., Minka S.R. (2016). A comparison on the nutritional quality of proteins from *Moringa oleifera* leaves and seeds. *Cogent Food and Agriculture*. 2, 1213618.
5. Ngoupayo J., Assonfack F.R.M., **Chelea M., Djiele N.P.**, Ndelo J., (2016) Evaluation of the antimicrobial activity of tannin extracted from the barks of *Erythrophleum guineensis* (Caesalpiniaceae). *Journal of Pharmacognosy and Phytochemistry*. 5(4), 287-291
6. **Siadjeu C., Panyoo A.E.**, Mahbou S.T.G., Bell J.M., Nono B., **Medoua N.G.**, (2016). Influence of cultivar on the post-harvest hardening of trifoliolate yam (*Dioscorea dumetorum*) tubers. *Advances in Agriculture*. 1-7, <http://dx.doi.org/10.1155/2016/2658983>.