

REPUBLIQUE DU CAMEROUN  
Paix – Travail – Patrie

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MINISTRE DE LA RECHERCHE  
SCIENTIFIQUE ET DE L'INNOVATION

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INSTITUT DE RECHERCHES  
MEDICALES ET D'ETUDES DES  
PLANTES MEDICINALES



REPUBLIC OF CAMEROON  
Peace – Work – Fatherland

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MINISTRY OF SCIENTIFIC RESEARCH  
AND INNOVATION

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INSTITUTE OF MEDICAL  
RESEARCH AND MEDICINAL  
PLANT STUDIES

## PUBLICATIONS SCIENTIFIQUES DES CHERCHEURS DE L'IMPM AU COURS DE L'ANNÉE - 2014 - 24 publications -

### Programme paludisme (01)

1. Nkengazong L., Tombi J., Essomba J.S.A., Makoge V.D., Moyou-Somo R., (2014). Epidemiology of infections and anaemia in rural villages in the south-west region. *European Journal of Science Research*. 124(2), 214-217.

### Programme sur les maladies émergentes et ré-émergentes (03)

1. Taieb F., Eymard-Duvernay S., Chia J.E., Einterz E., Mpoudi-Ngole E., Peeters M., Molina J.M., Delaporte E., (2014). Challenges of antiretroviral treatment of antiretroviral treatment monitoring in rural and remote-access regions in Africa. *AIDS Research on Human Retroviruses*. 30(7), 623-625.
2. Sadeuh-Mba S.A., Bessaud M., Joffret M.L., Endegue Z.M.C., Balanat L. Mpoudi-Ngole E., Njouom R., Reynes J.M., Delpeyroux F., Rousset D., (2014). Characterisation of enteroviruses from non-human primates in Cameroon revealed virus types widespread in humans along with candidate new types and species. *PLoS Neglected Tropical Disease*. 8(7), 3052.
3. Drakulovski P., Bertout S., Locatelli S., Butel C., Pion S., Mpoudi-Ngole E., Delaporte E., Peeters M., Mallié M. Assessment of gastrointestinal parasites in wild chimpanzees (*Pan troglodytes troglodytes*) in southwest Cameroon. *Parasitology Research*. 113(7), 2541-2550.

### Programme plantes médicinales et médecine traditionnelle (15)

1. **Agbor G.A.**, Vinson J.A. Donnelly P.E., Folin-Ciocalteu, (2014). Reagent for polyphenolic assay. *International Journal of Food Science and Nutrition Dietetics*. 3, 801.
2. **Agbor G.A.**, Longo F., Makong E.A., **Arrey T.P.**, (2014). Evaluation of the antidiarrheal and antioxidant properties of *Justicia hypocrateriformis*. *Pharmaceutical Biology*. Article ID. 879189, 2014.
3. **Arrey T.P.**, Faith A.O., Ayong S.L., **Agbor G.A.**, Guantai N.A., (2014). Anti-malarial activity of a polyherbal product (Nefang) during early and established *Plasmodium* infection in rodent models. *Malaria Journal*. 13, 456, doi: 10.1186/1475-2875-13-456
4. **Arrey TP**, Kathrin DF, Lee S, Lee E, Vivarelli D, Freitas-Junior L, Liuzzi M, Tsabang N., Ayong SL, **Agbor GA**, Okalebo FA, Guantai NA., (2014). *In vitro* antiplasmodial activities and synergistic combinations of differential solvent extracts

of the polyherbal product, *Nefang*. BioMed Research International. Article ID 835013, 1-10, doi:10.1155/2014/835013.

5. **Kopa T.K., Tchinda A.T.**, Tala M.F., Zofou D., Jumbam R., Wabo H.K., Titanji V.P. K., Frédéric M., Tan N-H., Tane P., (2014). Antiplasmodial anthraquinones and hemisynthetic derivatives from the leaves of *Tectona grandis* (Verbenaceae). *Phytochemistry Letters*. 8, 41-45.
6. **Tchinda A.T.**, Jansen O., Nyemb J-N., Tits M., Dive G., Angenot L., Frédéric M., (2015). Strychnobailonine, an unsymmetrical bisindole alkaloid with an unprecedented skeleton from *Strychnos icaja* Baill. roots. *Journal of Natural Products*. Dx.doi.org/10.1021/np400908u.
7. Talla E., Bealem A., Tatsadjieu L.N., Ngassoum M.B., Wansi J.D., **Yaya G.**, Dabole B., Meli A., Mbafor J.T., Roch A., (2014). Antimicrobial activity of prenylpropnoyle from the rhizome of *Zingiber officinale* Roscoe (Zingiberaceae). *European Journal of Medicinal Plants*. 2014, 4(2), 126-131.
8. **Yaya A.J.G.**, Feumba R.D., Talla E., **Tchinda A.T.**, Frédéric M., Oben J., Mbafor J.T., (2014). Antioxidant activity of compounds isolated from the root woods of *Erythrina droogmansiana*. *International Journal of Pharmaceutical Science and Drug Research*. 6, 160-163.
9. Tchuendem M.H.K., Douanla P.D., Tabopda T.K., **Tchinda A.T.**, **Tamze V.**, Nkengfack A.E., Abegaz B.M., Connolly J.D., (2014). Two new glycosides from *Duboscia macrocarpa* Bocq. *Phytochemistry Letters*. <http://dx.doi.org/10.1016/j.phytol.2014.06.003>.
10. Bakarnga-Via I., Hounda J.B., Fokou P.V.T., **Tchokouaha L.Y.Y.**, Gary-Bobo M., Gallud A., Garcia M., Walbadet L., Youssouf S., Pierre M.J.D., Fabrice F.B., Chantal M., (2014). Composition and cytotoxic activity of *Xylopi aethiopica* (Dunal) A. Rich, *Xylopi parviflora* (A. Rich) Benth.) and *Monodora myristica* (Gaertn) essential oils from Chad and Cameroon. *BMC Complementary Alternative Medicine*. 14(1), 125.
11. Donfack V.F., Roque S., Trigo G., Fokou P.V, **Tchokouaha L.R.**, **Tsabang N.**, Amvam Z.P.H., Neves M., Boyom F., (2014). Antimycobacterial activity of selected medicinal plants extracts from Cameroon. *International Journal of Biomedical Chemistry Science*. 8 (1), 273288.
12. **Tchinda A.T.**, **Agbor G.A.**, Tsala D.E., **Yaya A.J.G.**, **Nga E.N.**, Talla E., Wauters J-N., Frédéric M., (2014). Antioxidant activity of flavonoids isolated from the fruits of *Xylopi parviflora* (A. Rich.) Benth. *International Journal of Pharmaceutical Science and Drug Research*. 6(4), 323-328.
13. **Sidjui S.L.**, Zeuko'o M.E., Toghueo R.M.K., Noté O.P., Mahiou-Leddé V., Herbette G., Fekam F.B., Ollivier E., (2014). Folefoc GN.Secondary metabolites from *Jacaranda mimosifolia* and *Kigelia africana* (Bignoniaceae) and their anticandidal activity. *Records of Natural Products*. 8(3), 307-311.
14. **Sidjui L.S.**, Nganso D.Y.O., Zeuko'o M.E., Toghueo K.M.R., Tchebemou B.B., Fekam B.F., Folefoc N.G., (2014). Antiyeast activity of methanolic extracts and compounds from *Jacaranda mimosifolia* (D.) Don and *Kigelia africana* (Lam.) Benth (Bignoniaceae). *International Journal of Pharmaceutical Science Review and Research*. 28 (2), 52, 288-296.

15. **Sidjui S.L.**, Melong R., **Nnanga N.**, Toghueo K.R.M., Zeuko'o M.E., Sikadeu S., Guedje N.M., Folefoc G.N., (2014). Antimicrobial and cytotoxicity activities of extract from *Pseudospondias microcarpa* (Anacardiaceae). International Journal of Pharmacy and Pharmacology. 3 (3), 160-166.

### **Programme alimentation et nutrition (05)**

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1. **Nnanga N.**, Ngoule C., Gueguim C., **Etame L.**, **Dimodi H.**, Hallé M.P., Piémé C., Djokam D.R., (2014). Evaluation of mondialdehyde, vitamin C and reduced glutation levels in pre and post hemodialysis patients. International Journal of Pharmaceutical Sciences Review Research. 28(2), 297-302.
2. **Dimodi H.T.**, **Etame S.L.**, Signing N.B., Essouman M.F., Essola N.N., Nkougni T.J., Abega E., Ntentie R.F., Kingue G.B.A., Mbong A.M.A., Djiokeng P.G., Kouanfack C., Ngondi J.L., Oben E.J., (2014). Prevalence metabolic syndrome in HIV-infected Cameroonian patients. World Journal Aids. 4, 85-92.
3. **Feumba D.R.**, Oben J.E., Mbofung C.M. Effect of stratrola on lipid metabolism in rats on high fat diet. Journal of Food Nutrient Sciences. 2(4), 99-104.
4. Akdowa E.P., Boudjeko T., Woguia A.L., Gaiani C., Njintang Y.N., Scher J., Mbofung C.M.F. (2014). Optomization of variables for aqueous extraction from *Grewia mollis* shrub powder. Journal of Polymer. Article ID926850, 1-10.
5. Lopez-Teros V., Chileshe J., Idohou-Dossou N., Fajarwati T., **Medoua N.G.**, Newton S., Kumqr M.V., Wasantwisut E., Hunt R.J., (2014). International experiences in assessing vitamin A status and applying the vitamin A-labeled isotope dilution method. International Journal for Vitamine and Nutrition Research. 84(1), 40-51.