

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 - 2018 - 20 publications -

Programme paludisme (05)

1. Ibrahim S.S., Amvongo-Adjia N., Wondji M.J., (2018). Pyrethroid resistance in the major malaria vector *Anopheles funestus* in exacerbated by overexpression and overactivity of P450 CYP6AA1. *Genes*. 9, 140, doi: 10.3390/genes9030140.
2. Ndolu H., **Nono J.K.**, Abdel A.N., Nieuwenhuizen N.E., Brombacher F., (2018). Interleukin-4 receptor alpha expressing B cells are essential to down-modulate host granulomatous inflammation during schistosomiasis. *Frontiers in Immunology*. 9, 2928, doi:10.3389/fimmu.2018.02928.
3. Kamdem S.D., Moyou-Somo R., Brombacher F., **Nono J.K.**, (2018). Host regulators of liver fibrosis during human schistosomiasis. *Frontiers in immunology*. 9, 2781, doi:10.3389/fimmu.2018.02928.
4. Abdel A.N., **Nono J.K.**, Mpotje T., Brombacher F., (2018). The Foxp3+ regulatory T-cell population requires IL-4R α signaling to control inflammation during helminth infection. *PloS Biology*. 16(10):e2005850, doi:10.1371/journal.pbio.2005850.
5. **Nono J.K.**, Kamdem S.D., Netongo P.M., Dabee S., Schomaker M., Oumarou A., Brombacher F., Moyou-Somo R., (2018). Schistosomiasis burden and its association with lower measles vaccine responses in school children from rural Cameroon. *Frontiers in immunology*. 9:2295, doi:10.3389/fimmu.2018.02295.

Programme plantes médicinales et médecine traditionnelle (08)

1. **Nguegwouo E.**, Sone E.L., Tchuenchieu A., Tene M.H, Mouchigam E., Njyou F.N., Nama M.G., (2018). Ochratoxin A in black pepper, white pepper and clove sold in Yaoundé (Cameroon) markets: contamination levels and consumers' practices increasing health risk. *International Journal of Food Contamination*. 5 (1), 2-7, doi 10.1186/s40550-017-0063-9.
2. Tala M.F., Ansary, M.W.R., Talontsi, F.M., **Kowa, T.K.**, Islam, T.M., Tane, P., (2018). Anthraquinones and flavonols isolated from the vegetable herb *Rumex abyssinicus* inhibit motility of *Phytophthora capsici* zoospores. *South African Journal of Botany*. **115**, 1-4.
3. **Kemda P.N.**, Tontsa A.T., Liu Z., Pierre M., Sergi H.A., Nole T., Werner E.G.M., Kirt M., Peter P., Augustin E.N., (2018). Chemical constituents from leaves and root bark of *Trichilia monadelpha* (Meliaceae). *Phytochemistry letters*. 23, 120-126.
4. Nyemb J.N., **Tchinda A.T.**, Talla E., Nanga E.B., Ngoudjou D.T., Henoumont C., Laurent S., Iqbal J., Mbafor J.T., (2018). Vitellaroside, a new cerebroside from

- Vitellaria paradoxa* (Sapotaceae). Natural Products Research and Chemotherapy. 6 (1), doi:10.4172/2329-6836.1000306.
5. Etame R.E., Mouokeu R.S., Kenfack I.V., Tientcheu R., Assam J.P.A., Poundedu F.S.M., **Tchinda A.T.**, Etoa F.X., Kuate J.R., Ngane R.A.N., (2018). Effect of fractioning on antibacterial activity of *Enantia chlorantha* Oliver (Annonaceae) methanol extract and mode of action. Evidence-Based and Complementary Alternative Medicine. 1-13, <https://doi.org/10.1155/2018/4831593>.
 6. Nyemb J.N., Ndoubalem R., Talla E., **Tchinda A.T.**, Ndjonka D., Henoumonts C., Laurent S., Mbafor J.T., (2018). DPPH antiradical scavenging, anthelmintic and phytochemical studies of *Cissus poulnea* rhizomes. Asian Pacific Journal of Tropical Medicine. 2018, 11(4), 280-284.
 7. Nyemb J.N., Djankou M.T., Talla E., **Tchinda A.T.**, Ngoudjou D.T., Iqbal J., Mbafor J.T., (2018). Antimicrobial, α -glucosidase and alkaline phosphatase inhibitory activities of bergenin, the major constituent of *Cissus populnea* roots. Medicinal Chemotherapy. 8 (2), doi: 10.4172/2161-0444.1000492.
 8. Nyemb J.N., Magnibou L.M., Talla E., **Tchinda A.T.**, Tchuengem R.T., Henoumont C., Laurent S., Mbafor J.T., (2018). Lipids constituents from *Gardenia aqualla* Stapf & Hutch. Open Chemistry. 16, 371–376.

Programme alimentation et nutrition (05)

1. **Mouafo T.H.**, Mbawala A., Ndjouenkeu R., (2018). Effect of different carbon sources on biosurfactants' production by three strains of *Lactobacillus* spp. Biomed Research International. 1-15, doi.org/10.1155/2018/5034783.
2. **Nguegwouo E., Etame S.L., Tchuenchieu A., Mouafo T.H.,** Mouchigam E., Njayou F.N., **Medoua N.G.**, (2018). Ochratoxin A in black pepper, white pepper and clove sold in Yaoundé (Cameroon) markets: contamination levels and consumers' practices increasing health risk. International Journal of Food Contamination. 5, 1, doi 10.1186/s40550-017-0063-9.
3. **Tchuenchieu A.,** Sado S., Pop C., Essia N.J.J., Mudura E., Etoa F-X., Rotar A., (2018). Low thermal inactivation of *Escherichia coli* ATCC 25922 in pineapple, orange and watermelon juices: effect of a prior acid-adaptation and of carvacrol supplement. Journal of Food Safety. Doi: 10.1111/jfs.12415.
4. **Tchuenchieu A.,** Essia N.J.J., Servais M., Dermience M., Sado S., Etoa F-X., Sindic M., (2018). Effect of low thermal pasteurization in combination with carvacrol on color, antioxidant capacity, phenolic and vitamin C contents of fruit juices. Food Science & Nutrition. Doi: 10.1002/fsn3.611.
5. Mune M.A.M., Bayiga A., **Bakwo C., Nyobe C.,** Minka S., (2018). Protein quality, secondary structure and effect of physicochemical factors on emulsifying properties of *Irvingia gabonensis* almonds. Current Nutrition & Food Science. 14, doi: 10.2174/1573401314666180223142018.

Livres et/ou chapitres de livres (02)

1. **Makoge V.**, Maat H., Vaandrager L., Koelen M., (2018). Health dynamics in camps and on campuses: stressors and coping strategies for wellbeing among labourers and students in Cameroon. *International Journal of Qualitative Studies on Health and Well-being*. 13(1):1435098.
2. **Nnanga N.**, Tanga T.R., Soppo L.V., Ngobo E.B.L., Kojom L.P., Tiekwe E., Adiogo D., Mpondo M. E., Nkoa T., (2018). Évaluation de la stabilité du cotrimoxazole 240 mg / 5 ml suspension commercialisé dans les circuits formel et informel de la ville de Douala. *Health Science Disease*. 19 (2), 66-71.