

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 - 2013 - 26 publications -

Programme paludisme (06)

1. Makoge V., Ndzi E.S., Mbah G., Nkengazong L., Motsebo A., Moyou-Somo R., (2013). Status of malaria related knowledge in school-going children in Cameroon. *Archive of Applied Science Research*. 5 (1), 105-111.
2. Sango N.S.E., Pompon, J., Xie, T., Rademacher, A., Fraiture, M., Thoma, M., Awono, A.P.H., Moyou, S.R., Morlais, I, Levashina, E.A., (2013). AP-1/Fos-TGase2 axis mediates wounding-induced *Plasmodium falciparum* killing in *Anopheles gambiae*. *Journal of Biological Chemistry*. 288(22), 16145-16154, doi: 10.1074/jbc.M112.443267.
3. Songue E., Tagne C., Mbouyap P., Essomba P., Moyou-Somo R., (2013). Epidemiology of malaria in three geo-ecological zones along the Chad-Cameroon pipeline. *American Journal of Epidemiology and Infectious Disease*. 1(4), 27-33.
4. Moyou S.R., Essomba P., Songue E., Tchoubou N.N., Ntambo A., Hiol H.N., Kemajou J.P., Essi M.J., Millet P.A., (2013). Public private partnership to fight against malaria along the Chad-Cameroon pipeline corridor: I. Baseline data on socio-anthropological aspects, knowledge, attitudes and practices of the population concerning malaria. *BMC Public Health*. 13(1), 1023.
5. Tahar R., Sayang C., Ngane F.V., Soula G., Moyou S.R., Delmont J., Basco L.K., (2013). Field evaluation of rapid diagnostic tests for malaria in Yaounde, Cameroon. *Acta Tropica*. 125(2), 214-219.
6. Sango, S.S.E., Pompon, J ., Xie, T., Rademacher, A., Fraiture, M ., Thoma, M ., Awono-Ambene, P .H., Moyou, S.R., Morlais I, Levashina EA., (2013). AP-1/Fos-TGase2 axis mediates wounding-induced *Plasmodium falciparum* killing in *Anopheles gambiae*. *J. Biological Chemistry*. 31, 288(22), 16145-16154, doi: 10.1074/jbc.M112.443267.

Programme Maladies émergentes et ré-émergentes (07)

1. Aghokeng A.F., Monleau M., Eymard-Duvernay S., Dagnra A., kania D., Ngo-Giang-Huong N., Toni T.D., Touré-kané C., Truong L.X., Delaporte E., Chaix M.L., Peeters M., Ayouba A., (2013). ANRS Study group. Extraordinary heterogeneity of virological outcomes in patients receiving highly antiretroviral therapy and monitored with the World Health Organization public health approach in sub-saharan Africa and southeast Asia. *Clinical Infectious Diseases*. Doi: 10.1093/cid/cit627.
2. Monleau M., Aghokeng A.F., Eymard-Duvernay S., Dagnra A., kania D., Ngo-Giang-Huong N., Toni T.D., Touré-kané C., Truong L.X., Chaix M.L., Delaporte E., Ayouba A., Peeters M., (2013). ANRS 12235 Study group. Field evaluation of dried blood

spots for routine HIV-1 viral load and drug resistance monitoring in patients receiving antiretroviral therapy in Africa and Asia. *Journal of Clinical Microbiology*. Doi: 10.1128/JCM.02860-13Dec 11.

3. Etienne L., Eymard-Duvernay S., Aghokeng A., Butel C., Monleau M., Peeters M., (2013). Single real-time reverse transcription-PCR assay for detection and quantification of genetically diverse HIV-1, SIVcpz, and SIVgor strains. *Journal of Clinical Microbiology*. 51(3), 787-798.
4. Billong S.C., Fokam J., Aghokeng A.F., Milenge P., Kembou E., Abessouguie I., Meva'a-Onglene F.B., Bissek A.C., Colizzi V., Mpoudi-Ngole E., Elat J.B., Shiro K.S., (2013). Population-based monitoring of emerging HIV-1 drug resistance on antiretroviral therapy and associated factors in a sentinel site in Cameroon: Low levels of resistance but poor programmatic performance. *PLoS ONE*. 8(8), e72680. doi:10.1371/journal.pone.0072680.
5. Fokam J., Billong S.C., Bissek A.C., Kembou E., Milenge P., Abessouguie I., Nkwescheu A.S., Tsomo Z., Aghokeng A.F., Ngute G.D., Ndumbe P.M., Colizzi V., Elat J.B., (2013). Declining trends in early warning indicators for HIV drug resistance in Cameroon from 2008-2010. *BMC Public Health*. 13, 308.
6. Aghokeng A.F., Kouanfack C., Eymard-Duvernay S., Butel C., Edoul G.C., Laurent C., Koulla-Shiro S., Delaporte E., Mpoudi-Ngole E., Peeters M., (2013). Virological outcome and patterns of HIV-1 drug resistance in patients with 36 months antiretroviral therapy experience in Cameroon. *Journal of International AIDS Society*. 16, 18004, doi 10.7448/AS.16.1.18004.
7. Tongo, M. , Martin, D.P., Zembe, L., Mpoundi-Ngole, E., Williamson, C., Burgers, W.A Characterization of HIV-1 *gag* and *nef* in Cameroon: further evidence of extreme diversity at the origin of the HIV-1 group M epidemic. *Virology Journal*. 10, 29, doi:10.1186/1743-422X-10-29 .

Programme Plantes Médicinales et Médecine Traditionnelle (09)

1. Sokeng S.D., Talla E., Jeweldai V., **Yaya A.J.G**, Koube J., Dongmo F., Goulimé M., Mbafor J.T., (2013). Anti-inflammatory effect of abyssinone V-4'-methyl ether on acute and chronic inflammation models. *Hygeia. Journal fro Drug. Medicines*. 5 (1), 121-128.
2. **Donfagsiteli T.N.**, Mbita M.H.J.C., Fotso B., **Nzweundji B**, Oumar D., Dongmo B., Sanonne Agbor A.G., Omokolo N.D., (2013). Biochemical aspects of single-node cuttings of *Ricinodendron heudelotii* (Baill.) in relation with rooting. *African Journal Biotechnology*. 12, 1049-1056.
3. Donalisio M., Nana H.M., Ngono R.A.N., Gatsing, D., **Tchinda, A.T.**, Rovito, R., Cagno, V., Cagliero, C., Boyom, F.F., Rubiolo, P., Bicchi, C., Lembo, D., (2013). In vitro anti-Herpes simplex virus activity of crude extract of the roots of *Nauclea latifolia* Smith (Rubiaceae). *BMC Complementary Alternative Medicine*. 13, 266.
4. Eyong K.E., Foyet H.S., Eyong C.A., **Sidjui L.S.**, Nwembe S.N., Yimdjo M.C., Lamshoft M., Folefoc G.N., Spitteller M., Nastasa V., (2013). Neurological activity of

lapachol and its furano derivatives from from *Kigelia africana*. Medicinal Chemestr. Research. 22, 2902-2911.

5. Tsala D.E., **Nnanga N.**, Mendimi N.J., Kalandi G.E., Edmond J., Ze Z.P.V., Dimo T., Hu, Y.A., (2013). Dermal wound healing effect of water extract of the stem bark of *Alafia multiflora* Stapf. *Phytopharmacology*. 4(1), 114-122.
6. Wansi S., Fofié C., Watch P., Mbuyo P.E., **Tsabang N.**, Nguelefack T.B., (2013). In vitro antihyperglycemic and antioxidant properties of extracts from the stem bark of ceiba pentandra. *Asian Journal of Tropical Medicine* ID APJTM 2012-1197.R1.
7. Tan V.T., Mezui C., Enow-Orock G.E., **Agbor G.**, (2013). Antioxidant capacity, cytoprotection, and healing actions of the leaf aqueous extract of *Ocimum suave* in rats subjected to chronic and cold-restraint stress ulcers. *Ulcers*. article ID 150780, 1-9.
8. **Kamgang R.F.A.**, **Essame-Oyono J.-L.**, Ngogang Y.J., (2013). Acute and Subchronic Oral Toxicity of Methanol-Derived Extract of *Kalanchoe crenata* in Rats. *IJPI Journal of Pharmacology adn Toxicology*. 3(12), 17-23
9. Chougou K.R.D., Fotsing P.R., Kouamouo J., Dommu T.B., **Moyou S.R.**, (2013). Antibacterial activity of the essential oil extracted by hydro-distillation from *Artemisia annua* grown in West Cameroon. *British Journal of Pharmacology and Toxicology*. 4 (3), 89-94.

Programme alimentation et nutrition (04)

1. Duvenage S.S., Oldewage-Theron W.H., Egal A.A., **Medoua N.G.**, (2013). Home-prepared soymilk: Potential to alleviate proteinenergy malnutrition in low-income rural communities in South Africa? *Health SA Gesond*. 18(1), 1-7. <http://dx.doi.org/10.4102/hsag.v18i1.721>
2. **Essa'a V.J.**, **Medoua N.G.**, (2013). Subchronic toxicity of the beverage made from *Cassia occidentalis* seeds in mice. *International Journal of Nutrition Food Science*. 2(5), 237-242.
3. Kouebou C.P., Achu M., Nzali S., Chelea M., **Bonglaisin J.**, Kamda A., Djiele P., Yadang G., Ponka R., Ngoh N.G., Teuga C., Kana S.M.M., (2013). A review of composition studies of Cameroon traditional dishes: Macronutrients and minerals. *Food Chemistry*. <http://dx.doi.org/10.1016/j.foodchem.2013.01.003>.
4. Achu M.B., Fokou E., Kansci G., **Fotso M.**, (2013). Chemical evaluation of protein quality and phenolic compound levels of some Cucurbitaceae oil seeds from Cameroon. *African Journal of Biotechnology*. 12(7), 735-743.