

Prof. Jules-Roger Kuiate

LIST OF PUBLICATIONS

Thesis

1. Caractérisations biologiques et chimiques des champignons et plantes médicinales à effets antimicrobiens dans la province de l'Ouest Cameroun. Thèse de Doctorat d'Etat en Biochimie, Université de Yaoundé I, 2005.
2. Teneur et composition chimiques des huiles essentielles de quelques plantes médicinales du Cameroun. Thèse de Doctorat de 3ème Cycle en Biochimie, Université de Yaoundé I, 1993.
3. Etude de la composition chimique de l'huile essentielles de *Ageratum conyzoides* L. et isolement du composé majoritaire. Mémoire de maîtrise, Université de Yaoundé, 1988.

Articles in scientific Journals:

1. Lamaty G, Menut C, Amvam Zollo PH, **Kuiate JR** and Bessière JM. 1991. Aromatic Plants of Tropical Central Africa III. Constituents of the essential oil of the leaves of *Tithonia diversifolia*(Hemsl.) A; Gray from Cameroon, Journal of Essential Oils Research, 3(6): 399-402.
2. Lamaty G, Menut C, Amvam PH, **Kuiate JR**, Bessière JM. 1992. Aromatic Plants of Tropical Central Africa. IX. Chemical composition of essential oil of *Tithonia diversifolia* (Hemsl) A. Gray from Cameroon. Journal of essential Oil research, 4:651-653.
3. Lamaty G, Menut C, Amvam Zollo PH, **Kuiate JR** and Bessière JM. 1992. Aromatic Plants of Tropical Central Africa. IV. Essential oils of *Eupatorium odoratum* L. from Cameroon and Congo. Journal of Essential Oil Research, 4:101-105.
4. Lamaty G, Menut C, Amvam Zollo PH, **Kuiate JR**, Bessière JM. 1993. Aromatic Plants of Tropical Central Africa. Part X. Chemical Composition of the essential oils of *Ageratum houstonianum* Mill. and *Ageratum conyzoides* L. from Cameroon. Flavour and Frangrance Journal, 8:1-4.
5. Amvam Zollo PH, **Kuiate JR**, Menut C, Bessière JM, Chalchat JC, Carry RP. 1995. Aromatic Plant of Tropical Central Africa. Part XX. The occurrence of 1-phenylhepta-1,3,5-triyyne in the essential oil of *Bidens pilosa* L from Cameroon. Flavour and Frangrance Journal, 10:97-100.
6. Lamaty G, Menut C, Amvam Zollo PH, **Kuiate JR**, Bessière JM. 1996 Aromatic Plants of Tropical Central Africa. Part XXVI. Volatile constituents of leaves of *Coreopsis barteri* Oliv.& Hoern and *Coreopsis grandiflora* Hogg ex sweet from Cameroon. Flavour and Frangrance Journal, 11: 31-33.
7. **Kuiate JR**, Amvam Zollo PH, Bessière JM, Lamaty G, Menut C. 1999. Composition of the essential oils from the leaves and flowers of *Dichrocephala integrifolia* (L.) O. Kuntze from Cameroon. Flavour and Frangrance Journal, 14: 419-420.
8. **Kuiate JR**, Amvam Zollo PH, Bessière JM, Lamaty G, Menut C. 1999. Composition of the essential oils from the leaves of *Microglossa pyrifolia* (Lam.) O. Kuntze and *Helichrysum* (L;) Less. Growing in Cameroon. Flavour and Frangrance Journal, 14: 87-89.
9. **Kuiate JR**, Amvam Zollo PH, Menut C, Lamaty G, Bessière JM. 1999. Composition of the essential oils from the leaves of two varieties of *Aspilia africana* (Pers.) C.D. Adams from Cameroon. Flavour and Frangrance Journal, 14: 167-169.
10. Ayedoun MA, Adeoti BS, Setondji J, Tchoumboungang F. **Kuiate JR**, P.H. Amvam Zollo, C. Menut, G. Lamaty, J.M. Bessière. Aromatic plant of Tropical West Africa. XII. Essential oil of *Hoslundia opposita* Vahl. growing in Benin and Cameroon. Flavour and Frangrance journal, 1999; 14: 319-321.
11. Amvam Zollo PH, **Kuiate JR**, Bessière JM, Menut C. 2000. Aromatic plants of Tropical Central Africa. XXXVI. Chemical composition of essential oils from seven Cameroonian *Crassocephalum* species. Journal of Essential oil Research, 12:533-536.
12. **Kuiate JR**, Bessière JM, Amvam Zollo PH. 2002. Composition of the Essential oils of Three *Laggera* species from Cameroon. Flavour and Frangrance Journal, 17:105-108. **Kuiate JR**, Amfo Tsona A, Foko J, Bessiere JM, Menut C, Amvam Zollo PH. 2005. Chemical composition and in vitro antifungal properties of essential oils from leaves and flowers of *Erigeron floribundus* (H.B. et K.) sch. bip. From Cameroon. Journal of Essential Oil Research, 17(3): 261-264.

13. **Kuiate JR**, Bessièrè JM, Vilarem G, Amvam Zollo PH. 2005. Chemical composition and antidermatophytic properties of the essential oils from leaves, flowers and fruits of *Cupressus lusitanica* Mill. from Cameroon. *Flavour and Fragrance Journal*, 21(4) : 693 – 697.
14. Gatsing D, Aliyu R, **Kuiate JR**, Garba IH, Jaryum KH, Tedongmo N, Tchouanguép F, Adoga GI. 2005. Toxicological evaluation of the aqueous extract of *Allium sativum* bulbs and laboratory mice and rats. *Cameroon Journal of Experimental Biology*, 01(1):39-45.
15. **Kuiate JR**, Bessièrè JM, Amvam Zollo PH and Kuaté SP. 2006. Chemical composition and antidermatophytic properties of volatile fractions of hexanic extract from leaves of *Cupressus lusitanica* Mill. from Cameroon. *Journal of Ethnopharmacology*, 103, 2, 160-165.
16. **Kuiate JR**, Mouokeu S, Wabo HK, and Tane P. 2007. Antidermatophytic triterpenoids from *Syzygium jambos* (L.) Alston (Myrtaceae). *Phytotherapy research*, 21(2): 149-152.
17. Ngo Teke G, **Kuiate JR**, Ngouateu OB, and Gatsing D. 2007. Antidiarrhoeal and antimicrobial activities of *Emilia coccinea* (Sims) G. Don extracts. *Journal of Ethnopharmacology*, 112(2): 278-283.
18. Tamokou JD, **Kuiate JR**, Njateng GSS, Mpetga Simo JD, Njouendou AJ, Tane P and Amvam Zollo P.H. 2008. **Antimicrobial Activity of Dichloromethane-Methanol (1:1 v/v) Extract from the Stem Bark of Coula edulis Bail. (Olacaceae)**. *Research Journal of Microbiology*, 3(6): 414-422.
19. Kuete V, Ngameni B, Simo CC, Tankeu RK, Ngadjui BT, Meyer JJ, Lall N, and **Kuiate JR**. 2008. Antimicrobial activity of the crude extracts and compounds from *Ficus chlamydocarpa* and *Ficus cordata* (Moraceae). *Journal of ethnopharmacology* 120(1): 17-24.
20. Tamokou JD, **Kuiate JR**, Tene M, Tane P. 2008. Antimicrobial clerodane diterpenoids from *Microglossa angolensis* Oliv. et Hiern. *Indian Journal of Pharmacology*, 41(2): 60-63.
21. Tene M, Tane P, **Kuiate JR**, Tamokou JD, and Connolly JD. 2008. Anthocleistenolide, A new rearranged Nor-secoiridoid derivative from the stem bark of *Anthocleista vogelii*. *Planta medica*, 74(1): 80-83.
22. Tene M., Tane P, Tamokou JDD, **Kuiate JR**, Connolly JD. 2008. Degraded diterpenoids from the stem bark of *Neoboutonia mannii*. *Phytochemistry Letters*, 1(2): 120-124.
23. Dongmo Fomekong GI, **Kuiate JR**. 2008. Effect of essential oil of *Zingiber officinalis* Roscoe on some biochemical parameters, body weight and food intake on Wistar rats. *Medicinal and Aromatic Plant Science and Biotechnology*, 2(1): 35-39.
24. Kuete V, Fozing DC, Kapche WF, Mbaveng AT, **Kuiate JR**, Ngadjui BT, and Abegaz BM, 2009. *Antimicrobial activity of the methanolic extract and compounds from Morus mesozygia stem bark*. *Journal of Ethnopharmacology* 124(3): 551-555.
25. Tamokou JD, Tala MF, Wabo HK, **Kuiate JR**, and Tane P. 2009. Antimicrobial activities of methanol extract and compounds from stem bark of *Vismia rubescens*. *Journal of Ethnopharmacology* 124(3): 571-575.
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27. 12. Tankeu Nyaa LB, Tapondjou AL, Barboni L., Tamokou JD, **Kuiate JR**, Tane P, Park H-J. 2009. NMR assignment and antimicrobial/antioxidant activities of 1 β -Hydroxyeuscaphic acid from the seeds of *Butyrospermum parkii*. *Natural Product Sciences* 15(2) : 76-82.
28. Gatsing D, Tchakoute V, Ngamga D, **Kuiate JR**, Tamokou JD, Nji-Nkah BF, Tchouanguép MF, Fodouop S 2009. *In vitro* antibacterial activity of *Crinum purpurascens* herb. leaf extract against the *Salmonella* species causing typhoid fever and its toxicological evaluation. *Iran J Med Sci.*, 34(2): 126-136.
29. **Tamokou JD**, Dieumou FE, Tegua A, **Kuiate JR**, Fonge NB, Dongmo MC. (2009). Effects of Ginger (*Zingiber officinale*) and Garlic (*Allium sativum*) Essential Oils on Growth Performance and Gut Population of Broiler Chickens. *Livestock Research for Rural Development*, Volume 21, Article # 31. Retrieved Octobre 14, 2009, from <http://www.lrrd.org/lrrd21/8/dieu21131.htm>.
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31. Ngo Teke G, **Kuiate JR**, Kueté V, Teponno RB, Tapondjou LA, Vilarem G.. 2010. Antidiarrheal activity of extracts and compound from *Trilepisium madagascariense* stem bark. *Indian J Pharmacol*, 42(3): 157-163.

32. Njateng GSS, **Kuiate JR**, Gatsing D, Tamokou JDD, Mouokeu RS, Kuete V. 2010. Antidermatophytic activity and dermal toxicity of essential oil from the leaves of *Ageratum houstonianum* (Asteraceae). *Journal of Biological sciences*, 10(5): 448-454.
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34. Goka Chekem MS, Lunga PK, Tamokou JDD, **Kuiate JR**, Tane P, Vilarem G, Cerny M. 2010. Antifungal Properties of *Chenopodium ambrosioides* essential oil against *Candida* species. *Pharmaceuticals* 3: 2900-2909.
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36. Mokale Kognou AL, Ngono Ngane RA, **Kuiate JR**, Koanga Mogtomo ML, Tchinda Tiabou A, Mouokeu RS, Biyiti L, Amvam Zollo PH. 2011. Antibacterial and antioxidant properties of the methanolic extract of the stem bark of *Pteleopsis hylodendron* (Combretaceae). *Chemotherapy Research and Practice*, 2011, ID 218750, 7 pages.
37. Tamokou JD, **Kuiate JR**, Tene M., Kenla Nwemeguela TJ, Tane P. 2011. The Antimicrobial Activities of Extract and Compounds Isolated from *Brillantaisia lamium*. *Iranian Journal of medical Sciences* 36 (1): 24 – 31.
38. Tamokou JDD, **Kuiate JR**, Gatsing D., Nkeng Efouet AP, Njouendou AJ. 2011. Antidermatophytic and Toxicological Evaluations of Dichloromethane-Methanol Extract, Fractions and Compounds Isolated from *Coula edulis*. *Iranian Journal of medical Sciences* 36 (2): 111 -121.
39. Mouokeu RS, Ngono RAN, Lunga PK, Koanga MM, Tiabou AT, Njateng GSS, Tamokou JDD, **Kuiate JR**. 2011. Antibacterial and dermal toxicological profiles of ethyl acetate extract from *Crassocephalum bauchiense* (Hutch.) Milne-Redh (Asteraceae). *BMC Complementary and Alternative Medicine* 11:43, doi:10.1186/1472-6882-11-43.
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41. Fogue Souopgui P, Lunga PK, Fondjo Sobue E, Tamokou JDD, Boudjeko T, Tsemegne J, Tienga Tchapi A, **Kuiate JR**. 2011. Substituted 2-aminothiophenes: antifungal activities and effect on *Microsporium gypseum* protein profile. *Mycoses* doi:10.1111/j.1439-0507.2011.02089x.
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45. Tamokou Jde D, Simo Mpetga DJ, Keilah Lunga P, Tene M, Tane P, Kuiate JR. 2012. Antioxidant and antimicrobial activities of ethyl acetate extract, fractions and compounds from stem bark of *Albizia adianthifolia* (Mimosoideae). *BMC Complement Altern Med*. 18;12:99.
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47. Nkenfou CN, Mekue LC, Nana CT, Kuiate JR. 2013. Distribution of CCR5-Delta32, CCR5 promoter 59029 A/G, CCR2-64I and SDF1-3'A genetic polymorphisms in HIV-1 infected and uninfected patients in the West Region of Cameroon. *BMC Res Notes*. 6(1):288.

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49. Simo G, Sobgwi PF, Njitchouang GR, Njiokou F, Kuate JR, Cuny G, Asonganyi T. 2013. Identification and genetic characterization of *Trypanosoma congolense* in domestic animals of Fontem in the South-West region of Cameroon. *Infect Genet* vol.;18:66-73.
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51. Teke GN, Elisée KN, Roger KJ. 2013. Chemical composition, antimicrobial properties and toxicity evaluation of the essential oil of *Cupressus lusitanica* Mill. leaves from Cameroon. *BMC Complement Altern Med.* 13;13(1):130.