

PUBLICATIONS (43) – Student co-authors underlined

1. Tateng NA, Payne VK, Ngouateu OB, von Stebut E, Maurer M, Kruger A & **Dondji B.** 2023. Ecology and distribution of sand fly species of Mokolo, an endemic focus of cutaneous leishmaniasis in Cameroon. *Acta Tropica*, 239, <https://doi.org/10.1016/j.actatropica.2022.106809>
2. McPherson V, Wolhart H, Engels L, Sullivan K, Coria A, Bicchieri T, Coria A, Torrey B, Spiegel C, Danforth S, Belofsky G & **Dondji B.** 2022. Assessment of the Anthelmintic Activity and Toxicity of Metabolites of *Dalea pogonathera* (Fabaceae). *Phytochemistry Letters*. 55, 75 – 81.
3. Drummer D, Many GM, Pritchett K, Young M, Connor K, Tesfaye J, **Dondji B**, & Pritchett R. 2022. Montmorency Cherry Juice Consumption does not Improve Muscle Soreness or Inhibit Pro-inflammatory Monocyte Responses Following an Acute Bout of Whole-body Resistance Training. *International Journal of Exercise Science*, 15(6): 686-701
4. Bungiro RD, Harrison LM, **Dondji B** & Cappello M. 2022. Comparison of percutaneous vs oral infection of hamsters with the hookworm *Ancylostoma ceylanicum*: Parasite development, pathology, and primary immune response. *PLOS Neglected Tropical Diseases*. Published: January 5, 2022, <https://doi.org/10.1371/journal.pntd.0010098>
5. Ngouateu OB & Dondji B. 2022. Leishmaniasis in Cameroon and neighboring countries: an overview of current status and control challenges. *Current Research in Parasitology and Vector-Borne Diseases*. <https://doi.org/10.1016/j.crpvbd.2022.100077>
6. McNolty A, Anderson H, Stryker G & **Dondji B.** 2021. Investigations on the effects of anti- *Leishmania major* serum on progression of *Leishmania infantum* infection *in vivo* and *in vitro* - Implications of heterologous exposure to *Leishmania spp.* *Parasitology Research*, <https://doi.org/10.1007/s00436-021-07130-x>
7. Belofsky B, Engels L, McPherson V, Nash K, Sullivan K, Torrey B, Ripley C, Coria A, Bicchieri T & **Dondji B.** 2020. Investigation of *Dalea parryi* (Fabaceae) Metabolites for Anthelmintic Activity against the Human Pathogenic Hookworm *Ancylostoma ceylanicum*. *Phytochemistry*. 177. <https://doi.org/10.1016/j.phytochem.2020.112423>
8. Richardson DJ, Gross JA, Tsekeng P & **Dondji B.** 2020. Geohelminth infection, anemia, and malnourishment in Bawa, Cameroon after 10 years of intervention by the Bawa Health Initiative. *International Journal of Biological and Chemical Sciences*. 14 (4): 1177-1187.

9. Tateng NA, Payne VK, Ngouateu OB, Kirstein DO, Warburg W, von Stebut E, Maurer M, Dondji B & Kruger A. **2019**. Inventory and taxonomy of phlebotomine sand flies of the Mokolo leishmaniasis focus, northern Cameroon, with description of new *Sergentomyia* taxa (Diptera: Psychodidae). *Acta Tropica*, 194, 172-180.
10. Tateng NA, Kirstein DO, Ngouateu OB, Kruger A, von Stebut E, Maurer M, Payne VK, Warburg W & Dondji B. **2018**. First detection of *Leishmania donovani* in sand flies from Cameroon and its epidemiological implications. *Tropical Medicine and International Health*. 23, 1014-1021.
11. Farah OA, Archibald R, Rodriguez MJ, Moreno A, Dondji B & Timothy K. Beng. **2018**. Flexible access to 2,3,5,6-tetrasubstituted dehydropiperidines by Ni- or Co-catalyzed site-selective cross-coupling using Vilsmeier-Haackderived α-chloro-β-formyltetrahydropyridines. *Tetrahedrons Letters*. 59, 3495-3498.
12. Diliani N & Dondji B. **2017**. Hookworm excretory/secretory products modulate immune responses to heterologous and species-specific antigens. *Parasite Immunology*. 39,10.1111/pim.12459
13. Deardorff K, Ray W, Winterstein E, Brown M, McCornack J, Cardenas-Garcia B, Jones K, McNutt S, Fulkerson S, Ferreira D, Gény C, Chen X, Belofsky G & Dondji B. **2016**. Phenolic metabolites of *Dalea ornata* affect both survival and motility of the human pathogenic hookworm *Ancylostoma ceylanicum*. *Journal of Natural Products*. 79, 2296-2303.
14. Bastien P, Volf P, Depaquit J, Dondji B, Gallego M, Gangneux J-P, Izri A, Marty P, Piarroux R, Pratlong F & Dedet J-P. **2015**. Comments on *Leishmania major* in Gorilla Feces. *Journal of Infectious diseases* JIV129.
15. Belofsky G, Kouch PK, McCornack J & Koppinger K & Dondji B. **2015**. *Dalea emoryi* revisited: Anthelmintic and new components of a previously studied plant. *Planta Medica* 81 (11).
16. Ngouateu OB, Weller K, Brohl K, Kamtchouing P, Same-Ekobo A, Dondji B, Maurer M & von Stebut E. **2015**. Impaired T cell-dependent protection against *Leishmania major* infection in HIV-positive patients is associated with worsened disease outcome. *Experimental Dermatology*, 22(4): 302-304
17. Belofsky G, Ray W, Winterstein E, Dondji B & Koppinger K. **2014**. Anthelmintic metabolites of *Dalea ornata* (Fabaceae). *2014 Annual meeting of the American Society of Pharmacognosy. August 2-6, Oxford, Mississippi, USA. Planta Medica*. 80 (10).

18. **Nation SC, Dondji B, Stryker GA.** **2012.** Previous exposure to a low infectious dose of *Leishmania major* exacerbates infection with *Leishmania infantum* in the susceptible BALB/c mouse. *Parasitology Research*, 111(3):1407-1415
19. **Ngouateu OB, Kollo P, Ravel C, Dereure J, Kamtchouing P, Same-Ekobo A, von Stebut E, Maurer M, Dondji B.** **2012.** Clinical features and epidemiology of cutaneous leishmaniasis and *Leishmania major/HIV* co-infection in Cameroon: Results of a large cross-sectional study. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. 106, 137-142.
20. Richardson DJ, Richardson KR, Callahan KD, Gross J, Tsekeng P, **Dondji B** & Richardson KE. **2011.** Geohelminth Infection in Rural Cameroonian Villages. *Comparative Parasitology*. 78,161-179.
21. Richardson DJ, Callahan KD, Tsekeng P, **Dondji B** & Richardson KE. **2011.** Prevalence of waterborne Protozoan Parasites in Two Rural Villages in the West Province of Cameroon. *Comparative Parasitology*, 78,180-184
22. **Ngouateu OB, Dondji B, Maurer M, von Stebut E.** **2011.** Epidemiological and immunological investigation on cutaneous leishmaniasis (CL) and *Leishmania/HIV* co- infection in Cameroon. *Experimental Dermatology*, 20: 172
23. Deak E, Cho KW, Goldsmith-Pestana K, **Dondji B**, Lambris JD & McMahon-Pratt D. **2010.** Murine visceral leishmaniasis: IgM and polyclonal B-cell activation lead to disease exacerbation. *European Journal of Immunology*, 40, 1-14
24. **Dondji B, Sun T, Bungiro RD, Vermeire J, Harrison LM, Bifulco C & Cappello M.** **2010.** CD4+ T cells mediate mucosal and systemic immune responses to experimental hookworm infection. *Parasite Immunology*, 32, 1-8.
25. **Ngouateu OB, von Stebut E, Maurer M, Same-Ekobo A, Kamtchouing P, Dondji B.** **2009.** Epidemiological investigations on cutaneous leishmaniasis and *Leishmania/HIV* co-infection in the Mokolo focus, Far North Province, Cameroon. *Experimental Dermatology*. 18: 302
26. Maurer M, **Dondji B** & von Stebut E. **2009.** What determines the success or failure of intracellular cutaneous parasites? Lessons learned from leishmaniasis. *Medical Microbiology and Immunology*. 198, 137-146.
27. **Dondji B, Bungiro RD, McMahon-Pratt D & Cappello, M.** **2008.** A role of nitric oxide in hookworm associated immune suppression. *Infection and Immunity*, 76, 2560-2567.

28. **Dondji B**, Deak E, Goldsmith-Pestana K, Perez-Jimenez E, Esteban M, Miyake S, Takashi Y & McMahon-Pratt D. **2008**. Intradermal NKT cell activation during DNA priming in heterologous prime-boost vaccination enhances T cell responses and protection against *Leishmania*. *European Journal of Immunology*, 38, 706-719.
29. **Dondji B**, Perez-Jimenez E, Goldsmith-Pestana K, Esteban M & McMahon-Pratt D. **2005**. Heterologous Prime-Boost vaccination using LACK antigen protects against murine visceral leishmaniasis. *Infection and Immunity*, 73 (8), 5286-5289.
30. **Dondji B**, Duchon S, Diabate A, Herve JP, Corbel V, Hougaard J-P, Santus R & Schrevel J. **2005**. Assessment of laboratory and field assays of sunlight-induced killing of mosquito larvae by photosensitizers. *Journal of Medical Entomology*, 42 (4), 652-656.
31. Carvalho LP, Soto M, Jeronimo S, **Dondji B**, Bacellar O, Luz V, Orge Orge G, Alonso C, Jesus AR & Carvalho EM. **2003**. Characterization of the immune response to *Leishmania infantum* recombinant antigens. *Microbes and Infection*, 5, 7-12.
32. **Dondji B**, Dereure J, Poste B, Same-Ekobo A & Dedet JP. **2001**. Visceral leishmaniasis in Cameroon. Seroepidemiological survey in Kousseri area, Northern Cameroon. *Bulletin de la Société de Pathologie Exotique*, 94 (5), 418-420.
33. **Dondji B**. **2001**. Leishmanioses et Phlebotomes du Cameroun: Le point sur les données actuelles. *Bulletin de la Société de Pathologie Exotique*, 94 (3), 227-229.
34. **Dondji B**, Duhlinska DD & Same-Ekobo A. **2000**. Species composition of the phlebotomine sandfly fauna (Diptera: Phlebotominae) in Mokolo region, northern Cameroon. *Insect Sciences and its Application*, 20 (3), 221-226.
35. **Dondji B**, Dereure J, Pratlong F, Duhlinska DD, Same-Ekobo A & Dedet JP. **1998**. Characterization of *Leishmania major* causing cutaneous leishmaniasis in northern Cameroon. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 92, 677- 678.
36. **Dondji B**, Duhlinska DD, Same-Ekobo A & Yimagou I. **1998**. Clinical and parasitological prevalence of cutaneous leishmaniasis in the Mokolo focus, Far North Province of Cameroon. *Bulletin de Liaison et de Documentation de l'OCEAC*, 31, 40-45.

37. **Dondji B**, Duhlinska DD & Agwale SM. **1998**. Leishmaniasis in Cameroon. 1. A preliminary study in Mokolo Subdivision, Far North Province. *African Journal of Natural Sciences*, 2, 79 - 81.
38. **Dondji B** & Yimagou I. **1998**. Helminth and protozoan intestinal infections of hospital patients in Mokolo Subdivision, North Cameroon. *Bulletin de Liaison et de Documentation de l'OCEAC*, 31, 35-37.
39. **Dondji B**. **1997**. Preliminary study on leishmanin skin test positivity among school children in Zileng village, Mokolo Subdivision, Far North Province of Cameroon. *Bulletin de Liaison et de Documentation de l'OCEAC*, 30, 31-33.
40. **Dondji B**, Duhlinska DD & Same-Ekobo A. **1997**. Preliminary account on the phenology of some Cameroonian soudano-sahelian savanna sandflies (Diptera, Psychodidae). *Bulletin de Liaison et de Documentation de l'OCEAC*, 30, 58
41. Akufongwe PF, **Dondji B**, Okwuosa VN, Dakul DA & Ntonifor HN. **1995**. Observed disparity on schistosomes infection rates in field *Biomphalaria pfeifferi* (Krauss) between two areas of Jos Metropolis, Nigeria. *Parasite*, 2, 89-91.
42. Agwale SM, Pam DD, **Dondji B** & Duhlinska DD. **1995**. Preliminary survey of phlebotomine sandflies (Diptera, Psychodidae) in northern Nigeria. *Memorias do Instituto Oswaldo Cruz*, 90, 557-558.
43. Agwale SN, **Dondji B**, Okolo CJ & Duhlinska DD. **1993**. Clinical and parasitological prevalence of leishmaniasis in school children in Keana, Awe LGC of Plateau State, Nigeria. *Memorias do Instituto Oswaldo Cruz*, 88, 347.