Roland Bamou, M.Sc., PhD

Laboratory of Malaria and Vector Research
The National Institutes of Health
12735 Twinbrook Parkway, 3W-15
Rockville, MD 20852
Tel: +1 (240) 236-9419
Email: roland.bamou@nih.gov
https://orcid.org/0000-0001-9031-1731
https://loop.frontiersin.org/people/1928537/overview

5509 Alderbrook Ct 104
Rockville, MD, 20851
+1 (240) 304-9084
bamou2011@gmail.com

EDUCATION

2021 — Ph.D., Parasitology and Medical entomology, University of Dschang, Cameroon
Thesis title: *Understanding factors contributing to residual/persistent malaria transmission with the use Long Lasting Insecticide Nets (LLIN) in Southern-Cameroon*
Mentors: Timoleon Tchuinkam, M.S, Ph.D., Professor of Parasitology, UDs; Flobert Njiokou, MS, PhD Professor of Parasitology, UY1 and Christophe Antonio-Nkondjio, PhD, Wellcome Trust Senior Research Fellow in Public Health and Tropical Medicine, Medical entomologist OCEAC.

2013 — M.S., Parasitology, University of Dschang, Cameroon, Dschang
Thesis title: *Effect of bloodmeal source of the reproduction output of An. gambiae sl, major malaria vector in Africa*.
Mentor: Timoleon Tchuinkam, M.S, Ph.D., Professor of Parasitology, UDs

2010 — B.S., Zoology, University of Dschang, Cameroon, Dschang

RESEARCH EXPERIENCE

2022- present — Postdoctoral Visiting Fellow, Laboratory of Malaria and Vector Research; National Institute of Allergy and Infectious Diseases, National Institutes of Health; Rockville, MD
Principal Investigators: Tovi Lehmann, Ph.D (Ecology of Disease Vectors Program Chief) and Thomas Wellems, M.D., Ph.D., NIH Distinguish Investigator

- *Described the diversity of windborne migration mosquito in Mali and Ghana*
- *Established pathogens travelling with mosquito during their migration*
- *Analyze the virome of mosquito with importance in animal and public health*
- *Described Plasmodium and nematodes impacting birds in Mali*
- *Described movement of mosquito within and between villages in Mali using Marked release recapture techniques*
- *Mentoring of 2 postbac students*
- *2 published papers*

2020-2022 — Postdoctoral Fellow, Vecteurs - Infections Tropicales et Méditerranéennes (VITROME), Team Medical Entomology, Zoonoses and Microbiology; IHU Méditerranée Infection; Marseille, PACA

Principal Investigator: Philippe Parola, Chief of Acute Infectious Diseases Unit - Department of Infectious Diseases, Assistance Publique – Hôpitaux de Marseille (AP-HM)

- *Propose new procedures for mosquito identification by MALDI TOF MS*
- *Described new species of Wolbachia endosymbionts infecting mosquito from Cameroon*
- *Integrate new sequences of rare mosquitoes in GenBank*
- *Summarized species of mosquitoes described in Cameroon*
- *Published 3 papers and 1 in preparation*

2016-2020 Research Assistant, Organisation de Coordination pour la lute Contre les Endemies en Afrique Centrale (OCEAC), Yaounde Cameroon
Principal Investigator: Antonio-Nkondjio Christophe, Wellcome Trust Senior Research Fellow in Public Health and Tropical Medicine, Medical entomologist OCEAC

- *Field scientist for entomological surveillance for OCEAC, NMCP and PMI*
- *Coordinate evaluation of larvicide VectoMax G in the field and semifield*
- *Described malaria transmission pattern in forested area of Cameroon*
- *Mentoring of many students from University of Yde 1, LSTMH (PhD student now at LSTM, UK)*
- *Evaluate efficacy of vector control tools under lab condition (cone bio assay and WHO bio-efficacy test) and in the field using experimental huts*
- *Co-authored more than 15 papers with 5 as first author*

2019 Four (4) months Internship training in IHU Mediterranée Infection, VITROME
Principal Investigator: Philippe Parola

2014-2016 Laboratory technician under fruit flies project ICIPE/UDs, International Centre for Insect Physiology and Ecology and University of Dschang.
Investigators: Kouam Eric Bertand, Associate Professor Dschang and TANGA MBI Chrysantus, ICIPE Kenya.

- *Described diversity of fruit flies from Cameroon*
- *Train farmers how to control fruit flies from their farms*
- *Mentored a student on fruit flies of pepper (now in PhD at Universite Libre de Brussels)*

ADDITIONAL TRAINING

2023 Public Health and Pesticides, OpenWHO
2023 Response Preparedness for Zoonotic Disease Outbreaks Using a One-Health Approach, OpenWHO
2023 Introduction to Dengue (from Open WHO online classes)
2023 Molecular biology and Immunology training through Bio-Rad laboratories Online courses
2023 Writing in the Science, Stanford University Online course through Coursera.
2023 Molecular Evolution Workshop, Marine Biological Laboratory, Wood Holes, 05/25 to 6/05/2023.
2023 Molecular and immunological online course by Bio-Rad laboratories Academy
2023 Bioinformatics for Analysis of Data Generated by Next Generation Sequencing, FAES course.

2023 Scientists teaching sciences pedagogy workshops, organized by Office of Intramural Training & Education, National Institutes of Health, US.
2023 Writing and Publishing Your Review (Developing the Research Question and Conducting the Literature Search, Developing and Publishing Your Review Protocol, Collecting and Cleaning Data, Conducting the Screening and Risk of Bias Steps, for Your Review, NIH Library Training
2023 Ethics in Research Training for Postdocs, OITE, NIH (online)
2023 Genomic Data Science, Johns Hopkins University, online through coursera
2023 Whole genome sequencing of bacterial genomes - tools and applications, Technical University of Denmark (DTU), Online through coursera
2023 Introduction to Statistics & Data Analysis in Public Health, Imperial College of London, online through coursera
2022 Summer school in Biodiversity and Vectors in the one health concept organized by Key Initiative MUSE Risques Infectieux et Vecteurs (RIVE), University of Montpellier France, Montpellier.
2022 NIH Anti-Harassment Training, OITE/NIH
2022 Scientists teaching sciences pedagogy workshops, organized by Office of Intramural Training & Education, National Institutes of Health, US.
2022 Laboratory Safety training course, NIH
2022 Resources for Finding and Sharing Research Data
2022 Theorical and practical preparation of library for metagenomic, CZ Biohub (online)
2020 Molecular biology training (DNA/RNA extraction, PCR, qPCR, sequencing) at IHU Mediterranee Infection, France
2019 Investigate in health: how it works? (*Enqueter sur la sante: comment ca marche*?) University of Bordeaux through FUN MOOC (online)
2018 Training course on Fruit Fly Taxonomy and basic Ecology, University of Agriculture, Morogoro Tanzania (sponsor: Royal Museum of Central Africa)
2017 PAMCA pre-conference Novel control tools and gene drive technology, Ouagadougou, Burkina Faso

LABORATORY TECHNIQUES

- Mosquitoes sampling using different collection techniques
- Mosquito identification using morphological and molecular techniques (Sanger sequencing, simple PCR).
- DNA barcoding using MinIon nanopores for insects (including mosquitoes) identification and analysis using ONTbarcoder software
- digital droplet PCR
- Insecticide resistance monitoring using WHO tubes and CDC bottle protocol
- Evaluation of mosquito net using cone bioassay and field experimental hut trials
- Detection of resistance genes in mosquito sample
- Detection of pathogens (virus, protozoa, bacteria, Helminths etc) using molecular biology (qPCR, RT-PCR) and metagenomic (library preparation)

- DNA/RNA extraction using manual, and automatic devises (EZ1, King Fisher)
- Analysis of proteins, lipids and sugar in mosquitoes
- Identification of arthropods using MALDI TOF MS and IDX from Vectech
- Elisa for blood meal and sporozoites detection in mosquito
- Population survey/interview using questionnaire to assess their knowledge, attitude, or behaviour towards a disease
- DNA taq preparation, spray, and identification in Marked Release recapture (MRR) study

TEACHING EXPERIENCE

2016-2018	Teaching Assistant (Monitor), Medical Entomology and Parasitology, University of Dschang, Cameroon.

MENTORING EXPERIENCE

2022-present	Mentoring two postbacs from our group (Vector Ecology group) from NIH/LMVR on mosquito ecology and laboratory techniques used for mosquito-borne pathogens surveillance (genomic extraction, molecular diagnostic and sequencing, insect identification using different tools etc)
2016-2020	Mentoring students from the Department of Animal Biology from University of Dschang (VBID URBEA) and from and OCEAC in mosquito control, monitoring, and evaluation of control tools; surveillance of mosquito borne pathogens (malaria, virus, bacteria etc)
2019-2020	Field entomologist working with National malaria Control Program and USAID (Vector Link project) in Cameroon
2020	Field entomologist working with two master students from LSHTM, UK (Ref Dr Walker Thomas and Claire Jeffries)
2016-2020	Larval filed inspection/coordinator and analysis of physico chemical parameter for master student at IRY/OCEAC
2016-present	Working with many students in Master of Science at University of Dschang and Yaoundé 1 in domain of parasitology and entomology (designing protocol and methodology for Wolbachia screening in mosquito

GRANTS/FELLOWSHIPS AND AWARDS

2023	Fellows Award for Research Excellence (FARE) 2024 competition (NIH/NIAID)
2019	Young Researcher Fellowship of the Government of France
2018	Travel grant to attend training course on Fruit Fly Taxonomy and basic Ecology Tanzania from 5-16 November 2018 (Royal Museum of Central Africa)
2018	Infravec 2 Project No cost product (EU, 2018) to analysis insecticide resistance gene in urban versus forest areas from Cameroon in IMBB FORTH in Greece.
2017	Travel grant to attend PAMCA pre-conference Novel control tools and PAMCA Conference (October 2017), PAMCA
2016-2018	Programme d'aide aux doctorants (2016, 2017 and 2018) from Honorable Kuinche Albert
2017 & 2018	One of the best top 10 PhD Student at University of Dschang-2017 & 2018

PROFESSIONAL MEMBERSHIPS

2023	Member of ESA-Entomological Society of America
2023	Applied Malaria Modeling Network (AMMnet)
2023	Member of AMCA-American Mosquito Control Association
2022-present	Member of AMSTH-American Society of Tropical Medicine and Hygiene
2017-present	Member of PAMCA-Pan African Mosquito Control Association
2018-2020	Member of CAFOBIOS-Cameroon Forum of Biological Science

VOLUNTEER ACTIVITIES

2023-present	Volunteer for ESA in Medical, and Veterinary Entomology (MUVE) section
2022-present	Member of LMVR FelCom Seminar Subcommittee
2022- present	Serve as a member of NIAID Fellows Advisory Committee (FAC)

SCIENTIFIC SERVICE

2020- present	Reviewer in scientific journals in the domain (10 journals): Journal of Medical Entomology (IF 2.278), Insects (IF 2.78), Journal of Medical Microbiology (IF 2.5), Agriculture (IF 2.92), Heliyon (IF2.1), BMC Infectious Diseases (IF 3.09), Parasites and Vectors (IF3.87), Malaria Journal (3.49), Current Research in Vector Borne Diseases (NA), Journal of Parasitology Research (NA)
2022-present	Review editor in Frontiers in Malaria

PRESENTATAIONS

2022 **Bamou et al.** Mosquito-borne pathogens are spread by high altitude windborne migrating mosquitoes in Africa. Poster presentation TropMed 2022, ASMTH, Seattle WA, 10.30.2022 to 11.3.2022

2022 **Bamou et al.** Mosquito-borne pathogens qre spread by high altitude windborne migrating mosquitoes in Africa. Short Talk Presentation NIAID 16th Annual Fellows Workshop, November 18, 2022.

2018 **Bamou R,** Kopya Edmond, Ndo C, Awono Ambene Parfait, Tchuinkam Timoleon, Antonio-Nkondjio Christophe (2018). Reduced efficacy of LLINs usage in Cameroon: exploration of factors contributing to residual malaria transmission in the equatorial forest region; MIM conference, Senegal, April 2018

2018 **Bamou R,** Kopya Edmond, Ndo C, Awono Ambene Parfait, Tchuinkam Timoleon[1], Antonio-Nkondjio Christophe *(2018)***.** Factors contributing to residual malaria transmission in the equatorial forest region of Cameroon. *Pamca conference, Cameroon*

2017 **Bamou R,** Kopya Edmond, Ndo C, Awono Ambene Parfait, Tchuinkam Timoleon, Antonio-Nkondjio Christophe (2017). Do the usage of impregnated bednets affected malaria transmission pattern in the equatorial forest region of Cameroon? 4 Annual conference Pan African malaria Control associations. Pamca, Burkina Faso

2018 **Bamou R,** Kopya Edmond, Ndo C, Awono Ambene Parfait, Tchuinkam Timoleon[1], Antonio-Nkondjio Christophe *(2018)***.** Factors contributing to residual malaria transmission in the equatorial forest region of Cameroon. *Pamca conference, Cameroon*

2017 **Bamou R**, Kopya Edmond, Ndo C, Awono Ambene Parfait, Tchuinkam Timoleon1, Antonio-Nkondjio Christophe (2017). Factors contributing to residual malaria transmission in the equatorial forest region of Cameroon. *AAIS, Soudan 2017*

2015 **Bamou R**, Timoléon Tchuinkam, Sandra Tsobgny Nguepi, Landre Djamouko Djonkam , Iréné Domkam, Parfait Awono, Christopher Antonio-Nkondjio, Mpoame Mbida (2014): Effects of blood meal source on the reproduction of malaria vector Anopheles gambiae (Diptera: Culicidae): Controversy results between feeding methods (DSFA and SMFA). 21 st Annual conference of Cameroon Biosciences Society, p44, Benin 2015

PUBLICATIONS (11 first author, 20 co-author in leading journals)

First author articles

Bamou, R., Tchuinkam, T., Kopya, E., Awono-Ambene, P., Njiokou, F., Mwangangi, J., & Antonio-Nkondjio, C. (2022). Knowledge, attitudes, and practices towards malaria control of communities living in south Cameroon forest region. IJID Regions**.**

Bamou, R., Costa, M.M., Diarra, A.Z. Ademir J.M., Parola P., Almeras L. (2022). Enhanced procedures for mosquito identification by MALDI-TOF MS. Parasites Vectors 15, 240

Bamou, R.; Diarra, A.Z.; Mayi, M.P.A.; Djiappi-Tchamen, B.; Antonio-Nkondjio, C.; Parola, P. Wolbachia Detection in Field-Collected Mosquitoes from Cameroon. Insects, 12(12), 1133.

Bamou, R., Mayi, M. P. A., Djiappi-Tchamen, B., Nana-Ndjangwo, S. M., Nchoutpouen, E., Cornel, A. J., Parola P, Timoléon Tchuinkam T, Antonio-Nkondjio C. (2021). An update on the mosquito fauna and mosquito-borne diseases distribution in Cameroon. Parasites & vectors, 14(1), 1-15.

Bamou R, Martin Rono, Teshome Degefa, Janet Midega J, Delenasaw Yewhalaw, Antonio Nkondjio C, Mwangangi J. Entomological and Anthropological factors contributing to persistence malaria transmission in Kenya, Ethiopia and Cameroon. The Journal of infectious diseases, 223(Supplement_2), S155-S170

Bamou R., Kopya, E., Nkahe, L. D., Menze, B. D., Awono-Ambene, P., Tchuinkam, T., ... & Antonio-Nkondjio, C. (2021). Increased prevalence of insecticide resistance in Anopheles coluzzii populations in the city of Yaoundé, Cameroon and influence on pyrethroid-only treated bed net efficacy. Parasite, 28.

Bamou R., Nematchoua-Weyou, Z., Lontsi-Demano, M., Ningahi, L. G., Tchoumbou, M. A., Defo-Talom, B. A., ... & Tchuinkam, T. (2021). Performance assessment of a widely used rapid diagnostic test CareStart™ compared to microscopy for the detection of Plasmodium in asymptomatic patients in the Western region of Cameroon. Heliyon, 7(2), e06271.

Bamou R, Kopya E, Djamouko-Djonkam, L, Awono-Ambene P, Njiokou F, Tchuinkam T, Antonio- Nkondjio C (2020). Assessment of the anophelinae blood seeking bionomic and pyrethroids resistance of local malaria vectors in the forest region of Southern Cameroon. JEZS

Bamou, R., N. Sonhafouo-Chiana, K. Mavridis, T. Tchuinkam, C. S. Wondji, J. Vontas & C. Antonio-Nkondjio (2019) Status of Insecticide Resistance and Its Mechanisms in Anopheles gambiae and Anopheles coluzzii Populations from Forest Settings in South Cameroon. Genes, 10, 741.

Bamou, R., L. R. Mbakop, E. Kopya, C. Ndo, P. Awono-Ambene, T. Tchuinkam, M. K. Rono, J. Mwangangi & C. Antonio-Nkondjio (2018) Changes in malaria vector bionomics and transmission patterns in the equatorial forest region of Cameroon between 2000 and 2017. Parasites & Vectors, 11, 464.

Bamou R, Silas L. Sevidzem (2016). ABO/Rhesus blood group systems and malaria prevalence among students of the University of Dschang, Cameroon. MalariaWorld Journal, 7:4

Co-authored papers (inverse chronological order)

*Mercant Osuna, A., Gidley, A., Mayi, M. P. A., **Bamou, R**., Dhokiya, V., Antonio-Nkondjio, C., ... & Walker, T. (2023). Diverse novel Wolbachia bacteria strains and widespread co-infections with Asaia bacteria in Culicine mosquitoes from ecologically diverse regions of Cameroon. Wellcome Open Research, 8, 267.

*Talipouo, A., Doumbe-Belisse, P., Ngadjeu, C. S., Djamouko-Djonkam, L., Nchoutpouen, E., **Bamou, R.,** ... & Antonio-Nkondjio, C. (2023). Larviciding intervention targeting malaria vectors also affects Culex mosquito distribution in the city of Yaoundé, Cameroon. Current Research in Parasitology & Vector-Borne Diseases, 100136.

*Lehmann, T., **Bamou, R**., Chapman, J. W., Reynolds, D. R., Armbruster, P. A., Dao, A., ... & Linton, Y. M. (2023). Urban malaria may be spreading via the wind—here's why that's important. Proceedings of the National Academy of Sciences, 120(18), e2301666120.

*Yaro, A. S., Linton, Y. M., Dao, A., Diallo, M., Sanogo, Z. L., Samake, D., .**Bamou R**.. & Lehmann, T. (2022). Diversity, composition, altitude, and seasonality of high-altitude windborne migrating mosquitoes in the Sahel: Implications for disease transmission. Frontiers in Epidemiology, 2022, vol. 2

Bemba I, **Bamou R,** Lenga A, Aline Okoko A, Parfait Awono-Ambene P & Antonio-Nkondjio C (2022). Review of the situation of Human African Trypanosomiasis in the Republic of Congo from the 1950s to 2020. Journal of medical entomology, 59(2), 421-429

*Djoufounna Joel, **Bamou R,** Mayi MPA, Kala-Chouakeu NA, Tabue R, Awono-Ambene P, Ashu D, Antonio-Nkondjio Christophe, Tchuinkam T (2022). Population knowledge, attitudes and practices towards malaria prevention in the locality of Makenene, Centre-Cameroon. Malar J 21, 234.

*Djoufounna, J., Mayi, M. P. A., **Bamou, R**., Foyet, J. V., Tabue, R., Lontsi-Demano, M., ... & Tchuinkam, T. (2022). High prevalence of asymptomatic Plasmodium falciparum malaria in Makenene, a locality in the forest–savannah transition zone, Centre Region of Cameroon. Current Research in Parasitology & Vector-Borne Diseases, 100104

Djoufounna, J., Mayi, M. P. A., **Bamou, R.,** Ningahi, L. G., Magatsing, F. O., Djiappi-Tchamen, B., ... & Tchuinkam, T. (2022). Larval habitats characterization and population dynamics of Culex mosquitoes in two localities of the Menoua Division, Dschang and Santchou, West Cameroon. The Journal of Basic and Applied Zoology, 83(1), 1-11.

Kala Chouakeu NA, Ngingahi LG, **Bamou R,** Talipouo A, Ngadjeu CS, Mayi, MPA, ... & Antonio Nkondjio C. (2021). Knowledge, Attitude, and Practices (KAP) of Human Populations towards Malaria Control in Four Ecoepidemiological Settings in Cameroon. Journal of Tropical Medicine, 2021.

Nana-Ndjangwo SM, **Bamou R** , Bekono Ango'o G ,Wantou Tchangou DP, Mony R , Bilong Bilong CF , Awono-Ambene P and Antonio-Nkondjio C. (2021).Knowledge of healthcare workers regarding dengue and chikungunya in some health facilities of the city of Yaoundé and its neighbourhood. Open Journal of Clinical Diagnostics

Mayi, M.P.A., **Bamou, R.,** Djiappi-Tchamen, B., Fontaine, A., Jeffries, C.L., Walker, T., Antonio-Nkondjio, C., Cornel, A.J., Tchuinkam, T (2020). Urbanization and seasonality affect mosquito community composition in the West Region of Cameroon. Insects, 11, 312. https://doi.org/10.3390/insects11050312

Ngadjeu, C. S., Talipouo, A., Kekeunou, S., Doumbe-Belisse, P., Ngangue-Siewe, I. N., Djamouko-Djonkam, L., **Bamou R**... & Antonio-Nkondjio, C. (2022). Knowledge, practices and perceptions of communities during a malaria larviciding randomized trial in the city of Yaoundé, Cameroon. Plos one, 17(11), e0276500.

Edmond, K. , Dadji Gisele Aurelie, F. , Nadège, S. , **Bamou R,** Landre, D. , Abdou, T. , Serges, D. , Flobert, N. , Parfait, A. , Charles Sinclair, W. and Christophe, A. (2022) Efficacy of the Microbial Larvicide VectoMax®G against Anopheles gambiae s.l. and Culex spp. Larvae under Laboratory and Open Field Trial Experiments in the City of Yaoundé, Cameroon. Advances in Entomology, 10, 34-51. doi: 10.4236/ae.2022.101003.

Antonio-Nkondjio, C., Doumbe-Belisse, P., Djamouko-Djonkam, L., Ngadjeu, C. S., Talipouo, A., Kopya, E., **Bamou, R** ... & Wondji, C. S. (2021). High efficacy of microbial larvicides for malaria vectors control in the city of Yaounde Cameroon: a cluster randomised study. Scientific reports, 11(1), 1-15.

Djiappi-Tchamen, B., Nana-Ndjangwo, M. S., Tchuinkam, T., Makoudjou, I., Nchoutpouen, E., Kopya, E., **Bamou, R** ... & Antonio-Nkondjio, C. (2021). Aedes Mosquito Distribution along a Transect from Rural to Urban Settings in Yaoundé, Cameroon. Insects, 12(9), 819

Lontuo-Fogang R, Khan Payne V, NtangmoTsafack H, Mounchili S, Matango MS, Bup Rita M, Ngouyamsa Nsapkain A, **Bamou R**. (2021). Trends of potential waterborne diseases at different health facilities in Bamboutos Division, West Region, Cameroon: a retrospective appraisal of routine data from 2013 to 2017. J Water Health 2021; jwh2021027. doi: https://doi.org/10.2166/wh.2021.027

Djiappi-Tchamen, B., Nana-Ndjangwo, M. S., Mavridis, K., Talipouo, A., Nchoutpouen, E., Makoudjou, I., **Bamou, R...** & Antonio-Nkondjio, C. (2021). Analyses of Insecticide Resistance Genes in Aedes aegypti and Aedes albopictus Mosquito Populations from Cameroon. Genes, 12(6), 828.

Talipouo, A., Mavridis, K., Nchoutpouen, E., Djiappi-Tchamen, B., Fotakis, E. A., Kopya, E., **Bamou, R** ... & Antonio-Nkondjio, C. (2021). High insecticide resistance mediated by different mechanisms in Culex quinquefasciatus populations from the city of Yaoundé, Cameroon. Scientific reports, 11(1), 1-11

Walker, T., Quek, S., Jeffries, C. L., Bandibabone, J., Dhokiya, V., **Bamou, R.,** ... & Anderson, E. R. (2021). Genomic and microscopic evidence of stable high density and maternally inherited Wolbachia infections in Anopheles mosquitoes. Current Biology. 31, 1-11

Djamouko-Djonkam L, Nkahe L; Kopya E, Talipouo A, Ngadjeu C.S, Doumbe-Belisse P, **Bamou R,** Awono-Ambene P, Tchuinkam T, Charles S. Wondji, Antonio-Nkondjio C (2020), Implication of An. funestus in malaria transmission in the city of Yaoundé Cameroon. Parasite, 27.

Doumbe-Belisse, P., C. S. Ngadjeu, N. Sonhafouo-Chiana, A. Talipouo, L. Djamouko-Djonkam, E. Kopya, **R. Bamou**, J. C. Toto, S. Mounchili & R. Tabue (2018) High malaria transmission sustained by Anopheles gambiae sl occurring both indoors and outdoors in the city of Yaoundé, Cameroon. Wellcome Open Research, 3.

Antonio-Nkondjio, C., N. Sonhafouo-Chiana, C. S. Ngadjeu, P. Doumbe-Belisse, A. Talipouo, L. Djamouko-Djonkam, E. Kopya, **R. Bamou**, P. Awono-Ambene & C. S. Wondji (2017) Review of the evolution of insecticide resistance in main malaria vectors in Cameroon from 1990 to 2017. Parasites & Vectors, 10, 472.

Michel Lontsi-Demano, Yannick Ngnindji-Youdje, Maureen Laroche, **Roland Bamou**, Armand Defo Talom, Samuel Abah, François Fopa, Abdoulmoumini Mamoudou and Timoléon Tchuinkam (2020). Cattle trading favors the introduction and establishment of the invasive tick Rhipicephalus (Boophilus) microplus in Menoua Division, West Region of Cameroon. JZES 8(6):207-214

Articles in preparation

Bamou R et al. Evidence of High-altitude windborne migrating mosquitoes in the dispersal of pathogens of public health importance. To submit in *Science*

**Denotes articles published during my NIH Visiting Fellow Program*