



## **WILFRED F. MBACHAM, MS, DS, ScD.**

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### **Biodata:**

Born: January 1, 1964 - Origin: Meta in Momo Division, Cameroon  
Marital Status: Married, 4 children

### **Training:**

Biochemistry - Molecular Parasitology - Tropical Public Health

### **Practice**

Molecular Biosciences, Health Economics, Implementation Research, Salutogenesis

### **Educational Qualifications**

<b>Year</b>	<b>Degrees</b>	<b>Discipline</b>	<b>School</b>
1997	Doctor of Science (ScD)	Tropical Public Health,	Harvard University
1989	Doctorat de Spécialité	Parasite Biochemistry	Univ. of Yaounde,
1985	Maitrise es Sciences	Biochemistry	Univ. of Yaounde,
1984	B.Sc.	Zoology	Univ. of Yaounde,

### **Informal Training**

Clinical Trials and Bioethics, Leadership and Malaria Management, Bioinformatics and Infectiology, Radionuclide use in Infectious Diseases, Handling of Biological Material, Yeast Genetics and Cloning, Fundamental Immunology.

### **Expertise**

Public Health Biotechnology - Strategic Planning and Curriculum Development - Implementation Research, Host and Pathogen Genomics, Food Safety.

### **Academic Positions**

- 2013 – Date - Titular Professor of Public Health Biotechnology
- 2010 – Date - Adjunct Professor of Health Economics, Catholic University of Cameroon,
- 2005 – 2013 - Associate Professor of Public Health Biotechnology,
- 1998 – 2009 - Founding Head, Laboratory for Public Hlth. Research Biotech, Univ. of Y'de,
- 1992 – 2004 - Senior Lecturer, Biochem. Dep't University of Yaounde, Cameroon

- 1997 – 1998 - Consultant, Minority Faculty Development Program, Harvard Med. School
- 1997 – 1998 - Visiting Scholar, Wirth Laboratory, Harvard School of Public Health
- 1995 – 1995 - Teaching Assistant, Harvard School of Public Health
- 1994 – 1997 - Academic Advisor, Project Success, Harvard Medical School
- 1994 – 1996 - Initiator and Seminar Director - Global Chat, Harvard Sch Public Health
- 1991 - 1992 - Entrance Examiner, School of Medicine, University of Yaounde
- 1990 - 1992 - Lecturer, Biochemistry Dep't University of Yaounde
- 1988 - 1992 - Research Assistant, Biotechnology Center Nkolbisson, Yaounde
- 1987 - 1990. - Instructor, Biochem. Dep't, University of Yaounde, Cameroon

## **Responsibilities**

1. 2021 – 2021 Consultant, African Leaders Malaria Alliance - Setting up the End Malaria Council, Cameroon
2. 2021 – 2021 Consultant – Impacte Sante Afrique – Civil Society Organisation
3. 2020 – 2021 Consultant, Populations Services International – Digital Health on Malaria- Cameroon.
4. 2020 – 2021 Consultant - Resource Person, Board of Directors – IMPM, MINRESI
5. 2016 - 2021 Member of the Scientific Committee IMPM, MINRESI
6. 2017 – Date Member of the Access and Products Management Advisory Group for MMV Geneva
7. 2017 – 2018 Chair, Comm for Strategic Planning, Regional Coop. Framework 2019-2023, AFRA-IAEA  
Plans for the next cycle of applications of Nuclear Science and Technology (NST) in areas of health, food and nutrition and radiation safety
8. 2008 - 2020 Executive Secretary, Malaria Consortium - Cameroon Coalition Against Malaria (CCAM)  
Carry out creation and motivation of advocacy groups malaria – Parliamentarians, Media and School Health. Sub recipient of Global Fund against Malaria in Cameroon oversight of Implementation of Global Fund as a sub-recipient of the parent grant
9. 2016–2021 Cameroon P.I., Malaria Research Capacity Dev Consortium (MARCAD)  
Researches on the Seasonal Malaria Chemoprevention progress and model scenarios for malaria elimination in Cameroon
10. 2016 – Date Coordinator UYI-FLI, German, Program in Emergent Infections.  
Investigates the other viral causes of fevers and searches for new zoonotic virus
11. 2015 – Date Chair, Program Management Committee. AFRA-IAEA, Vienna, Austria (in CMR)  
Oversees program management of the 42 Centres of Excellence in NST, Partnership building and resource mobilizations and curriculum development in NST
12. 2010 – 2017 Chair, Department of Health Economics, Catholic University of Cameroon, Bamenda
13. 2013 – Date Coordinator – Grad Program Unit for Life Sc & Biology of Organisms, Univ. Yd'e I  
Program execution and adherence to Curriculum designs
14. 2014 – 2017 Chair – Dep't of Biochem, Physiol & Pharmacol, Fac of Med, Univ of Yaounde I
15. 2012 – 2017 Coordinator - AFIMEGQ – An EU Intra ACP funded Mobility Program,  
A mobility program for Africa of 71 students (MSc & PhD) in Science and Technology
16. 2009 – 2013 Principal, PRD College, EU - Funded International Programme in Biomedicine and Development - Training the next generation of Scientists on Poverty Related Diseases,
17. 2009 – 2014 Cameroon Principal Investigator, Research on the Economic of ACTs, LSHTM  
Investigated the cost and equity analysis of wrong anti-malaria prescriptions.
18. 2003 – 2013 Président - Assises Pan Africaines de Lutte Contre le Paludisme (APALP)  
Coordinated 32 Anglophone and Francophone African member states, NMCPs on strategies of implementation to achieve adequate control of malaria in the Impact Program of SANOFI.
19. 2003 – 2008 Gates Fellow, Infectious Diseases, London Sch. of Hygiene & Tropical Medicine,  
Implemented Clinical Trials in Antimalaria Drugs in Cameroon

20. 2001 – 2006 Network Manager. WHO/UNDP/WB - MIM/TDR Anti-malaria Drug Resistance Network Coordinated recipients of the MIM/TDR grants on the triple alliance of clinical response, markers of resistance, pharmacokinetics in the surveillance of efficacy & safety of anti-malaria drugs in African Countries
21. 2001 – 2009 Resource Technical Focal Point, AIDS Task Force, US Embassy, Yaounde, Cameroon
22. 2000 - 2001 Vice President- Scientific and Local Organizing Committee, Fourth Annual Conference Federation of African Immunological Societies
23. 1999 – 2004 WHO Temporal Adviser – Molecular Markers of Drug Resistance in Malaria,
24. 1998 – 1999 Consultant: Community Health Program Schweitzer Hospital, Lambarene, Gabon,
25. 1998 - 2019 Founding President - The Fobang Foundation, Cameroon, - A Public Health Non-Governmental Organization for the provision of health, science and education through positive community involvement and development.
26. Chair, Guest Speaker Student Selection Committee, 1995 - Division of Biological Sciences Distinguished Lecture Series, HSPH, Boston MA.
27. Student Leader - Boston Schweitzer Urban Fellows Program, 1995
28. Coordinator, Boston Schweitzer Urban Fellows Program, 1996 - A specialized Program of the Albert Schweitzer Fellowship of America that supports health professional students in activities that strengthen their commitment to and skills in public service. The Boston model is replicated in North Carolina, New Hampshire-Vermont and Chicago.
29. Coordinator, Afro-Caribbean Region - One World Network, '94 - A non-profit alumni association of the Harvard School of Public Health seeking to establish and encourage professional development of its members and students of similar interests.
30. Member - Student Advisory Council, Harvard International Office, 1995
31. Editor-in-Chief, AHS Bridge, 1996 - A newsletter of the AfriAmerica Health Services Inc. providing current medical information of innovations, new drug regulations and balanced views of issues in public health to physicians and other medical professionals in Africa.
32. Member Editorial Board and Comptroller, Harvard Journal of Minority Public Health - A journal serving minority populations and Afro-diaspora on issues relating to public health.
33. Member - Advisory Council , Lesson Without Borders, Management Sc. for Health , Boston, 1995
34. A group of health care managers of Public Health and Service Institutions from around Boston that meets once a month to discuss strategies for the provision of services, drawing on experiences from the USA and around the world.
35. Vice President (Interim 1996) and - Board of Directors, AfriAmerica Health Services Inc. Washington DC. 1994 - An American/African joint venture Pharmaceutical Retail Company that procures and distributes generic drugs and refurbished medical Equipments to institutions and health care practitioners in Africa.

36. Academic Advisor, Project Success, Harvard Medical School, 1994- 1997
37. A summer program that provides motivated high school students from underrepresented minority groups from the Boston -Cambridge area with the opportunity of conducting research under supervision of faculty from the Harvard Medical School.
38. Chair - Minority Biomedical Scientists of Harvard, 1995/1996 - The MBSH has as objectives to meet the needs for career development of biomedical scientists from groups traditionally under-represented in academic departments at Harvard and its affiliated institutions. It fashions a networking, mentoring and mutually invigorating society to enforce efforts towards successful scientific careers. It has a membership of 60 comprising graduate students, post-doctoral fellows and junior faculty.
39. Chair - Minority Student Health Organization, HSPH, 1993/1994
40. Treasurer of the Student Coordinating Committee, HSPH, 1993/1994
41. Deputy Secretary General, Cameroon Biochemical Society, 1991-1994
42. Public Relations Officer, Cameroon Immunology Society, 1992-1995
43. Assistant Secretary, UNESCO Club, University of Yaounde, 1982
44. Treasurer, UNESCO Club, University of Yaounde, Cameroon, 1983

### Initiatives

- 2020 – Chair, Scientific Committee – International Fair for Young African Researchers
- 2016 – Malaria Research Capacity Development Consortium (MARCAD) – Welcome Trust/ AAS Research and Training of Post-Docs and Doctoral Students, 2018
- 2012 – AFIMEGQ – Africa Fostering Innovation, Mobility, Exchange, Globalisation & Quality –training some 71 MSc and PhDs Africa wide in Science and Technology
- 2012 – Masters - Public Health Biotechnology, UYI – training at Graduate School
- 2012 – Masters – Food Safety, UYI – Training at the Graduate School
- 2011 – Masters - Health Economics Policy and Management, Catholic Univ of Cameroon, Bamenda
- 2009 – Poverty Related Disease College EU-Funded project Project training 24 early career scientists
- 2009 - Radio Health International - Broadcast of health messages
- 2007 – Integrated Malaria Prevention in Secondary and High Schools
- 2006 – Operational Research Seminars – University of Yaounde I
- 2003 - Anti-Malaria Drug Resistance Surveillance and Human Factors in Cameroon
- 2003 – AIDS Surveillance for Drug Resistance in Tritherapy
- 2000 – Comprehensive Strategic Health Plan for the Meta Health District, NWP, Cameroon
- 2000 – Therapy Seeking Behavior and Malaria Management in Ecozones of Cameroon
- 1999 – Initiator and Course Coordinator Annual Summer Workshop on *Biotechnology for Innovation and Development* – The Fobang Foundation,
- 1998 – Integrated AIDS Prevention - The Fobang Foundation  
Surveys and design of innovative prevention programs and polymorphism of virotypes
- 1994 - Initiator, Health Education and Leadership Program, (HELP), Harvard SPH.  
H.E.L.P. is the Community Outreach vehicle for the Minority Student Health Organization.  
Its objectives include meeting with health and community needs of under-represented groups and minority populations through disease and ill-health prevention strategies. It does this through health promotions, education and service delivery.
- 1995 - Initiator, Student African Public Health Association at Harvard (SAPHAH)  
Its membership is inclusive of Students, Scholars, and Fellows of African descent, in related

health disciplines at the Harvard and its affiliate institutions, who seek to build a fabric for professional interchange at school and beyond and to educate the public of the health concerns of member countries and advice on policy decision that adversely affect the continent.

1994 - Initiator and Course Director, Community Development Workshop, Harvard School of Public Health.

1994 - Initiator and Coordinator, Mission Hill Childhood and Immigrant Immunization Campaign, Boston, MA

1994 - 1996 Initiator and Seminar Director, Global Chat, HSPH.

An interdisciplinary, interactive, lunch-time forum for American and International Students to discuss different strategies used in other countries, in resolving health related difficulties. Its topics included amongst others, Urban and Rural Health, International Health, War, Health and Disarmament, Human Rights and Health, Health Care Management and Institutions, Public Service. Sponsored by the Office for Students. Average attendance is 30.

### **Awards & Recognitions**

2019 – The PAMCA Award for Significant Contributions to Capacity Building and Research in Africa

2017 – Winner World Academy of Science Regional Prize Sub-Saharan Africa

2017 – Inducted - Fellow of the African Academy of Sciences

2012 - Prix d'Excellence, SANOFI

2011 – Inducted - Fellow of the Cameroon Academy of Sciences

2010 – Admitted - Fellow of the African Scientific Institute

2009 - Award for the Promotion of Research Excellence in Malaria–5<sup>th</sup> African Conf. Malaria, Kenya

2005 - Managerial Excellence Award of the Multilateral Initiative on Malaria

2000 – Managerial Competence Award Federation of African Immunology Societies

1997 - Albert Schweitzer Award for Intellectual Achievement & Service, Harvard Sch.of Public Health

1997 – Winner, Commencement Speaker, Harvard School of Public Health

1996 - ASFA Community Service Award

1995 - Leadership and Service Award, Harvard School Public Health

1995 - Quarter Finalist - Secretary for Health and Human Services Award:  
Innovations in Health Promotion and Disease Prevention, USA

1994 - Student Award of Recognition, Harvard School of Public Health

1994 - Leadership and Service Award, HSPH

### **Project Grants/ Fellowships**

2020 – Presidents Malaria Initiative USA – Clinical Trial – Antimalaria Drugs 118000 USDollars

2017 - DFG Germany - Henipar Virus Research Initiative (HENRI) – 100000USD

2017 - European Union – LEARN - Neglected arboviral zoonotic diseases (LEARN)- 200,000 Euros

2017 - Global Fund for Malaria, AIDS & TB - NW, Center & South Regions of Cameroon-3,600,000USD

2016 - MARCAD – Welcome Trust – 6600000 (991000 Euros for CMR)

2012 - AFIMEGQ – Intra ACP Mobility Grant EU – Univ of Yaounde I - 2,000,000 Euros

2012 – Fondation Merieux – Equiping of the Fever Management Centre – 287000 Euros

2010 - EVIMALAR - Biology and Pathogenesis of Malaria EU-FP7, 93000 Euros

2009 - World Health Organization – ACT Field Studies in Malaria, Cameroon, 140 000 USD

2008 – PRD College EU FP7 (co-grant) €1,408,000

2008 – ACT consortium, (co-grant) 410000 USD

2007 – BioMALPAR Biology and pathology EU FP6 - € 200 000  
 2006- US Embassy West African AIDS Fund - \$ 100 000  
 2005 – Gates Malaria Partnership – ACT Clinical Efficacy in Cameroon – \$75 000  
 2005 – IAEA Human Factors and Therapeutic Response Network - \$80000  
 2003 - US State Department - International Visitor Program in Infectious Diseases – \$10 000  
 2003 – Gates Malaria Partnership London School of Hygiene & Tropical Medicine £213 000  
 2001 – IAEA Funding for Molecular Epidemiology of Malaria and TB Drug Resistance 80 000€  
 1999 – NEB Foundation, USA – Biotechnology for Innovation & Discovery. \$ 8000  
 1998 – WHO Funding Geneva, Molecular Markers of Disease Expression- Malaria \$40 000  
 1996 – World Health Organization Funding Geneva Field Studies in Malaria, Cameroon. \$ 10 000  
 1994 - World Health Organization, Fellowship – Studies at Harvard. \$ 70 000  
 1994 - Schweitzer Urban Fellow, Boston for Community Volunteerism \$ 2 000  
 1992 - New England Biolabs Foundation Award for a PhD at Harvard \$120 000  
 1989 - W.H.O. Fellowship - Hybridoma Technology, University of Upsalla, Sweden \$10 000  
 1987 - Uppsala University, Sweden, Studentship \$ 8 000

### Radio and TV Interviews

1. Anti - COVID Strategies in Cameroon - Press Hour – 4 outings – CRTV Cameroon
2. Anti - COVID Measures – Rural Response – Isha Cecay Show USA
3. New Anti-malarials for the Cameroon Private Sector - CANAL 2 – Cameroon 2019
4. State of the Art on Malaria Research in Cameroon & Africa - 60mins, 2017, 2018
5. Anti-malaria Counterfeit Drugs in Cameroon, CRTV, 2015
6. Progress with Anti-malaria interventions at the MIM 6<sup>th</sup> Pan African Malaria Conference, SABC 2013
7. Launching of the PRD College , August 2009
8. Launching of the Cameroon Coalition Against Malaria, 2007
9. Multilateral Initiative in Malaria Progress in Preparation of Conference, **RFI**, Nov 2005
10. Multilateral Initiative in Malaria Conference 2005 Cameroon's Victory, **CRTV**, Aug 2003
11. Newer Strategies for HIV and Infectious Diseases Management, **CRTV**, Sept 2002
12. Biotechnology For Innovation and Discovery: **CRTV** - August, 1999
13. The AIDS Vengeance Phenomenon: **CRTV** - World AIDS Day, 1998
14. Science and Society - Yeast Biotechnology: **CRTV**, November 1998
15. Face Africa: Malaria and Sickle Cell Anemia: **Boston Black Channel Network, USA** 1996
16. Times and Seasons: Urban Health: The Schweitzer Example: **Natick Cable**, USA, 1995

### Editor/Review of Journals

1. International Adviser - Health Sciences Investigations Journal, Ghana 2020
2. Comptroller – Harvard Journal of Minority Public Health, 1995 -1997
3. Associate Editor Life Sciences - Journal of the Cameroon Academy of Sciences since 2005
4. Associate Editor – BMC Journal since 2016-2018
5. Assistant Editor – Afri-America Health Services News Bulletin 1994-1996

### Installation of Laboratories:

1. 2017 – Production Centre for Molecular Biology Reagents and Products, The BTC, UYI
2. 2007 – Installation of Radionuclide use laboratory Universite Cheik Anta Diop Senegal
3. 2006 – Installation of Radionuclide Use in Malaria Programme, Bangui – RCA
4. 2003 - Burkina Faso, Bobo Dialasso - Institute de Recherche en Science de la Santé

5. 2002 – Sudan, Khartoum, Institute for Medical Research, Ministry of Health

### **National Conferences and Workshops Organised**

1. Youth Leadership Forum, Yaounde 2009
2. Community Action for AIDS Prevention, Bamenda - 2002, 2003, 2004, 2005
3. Cmr. Soc. Biochem & Mol. Bio. (SOCAB) - Sympos – Dschang, 2001, Yaounde 2002
4. Ayafor Memorial Lecture in the Chemical Sciences, Yaounde - 2002
5. Annual Workshop on Biotechnology and Dev - 1999, 2000, 2001, 2002, 2004, 2005
6. AIDS and Reproductive Health Workshop, Limbe - 2002, 2003, 2004,

### **International Workshops Organized**

1. 2020 – Grants and Project Development – National Public Health Laboratory, Deschappelle HAITI
2. 2019 – Leadership and Biostatistics Worskhop – Yaounde Cameroon
3. 2018 - MARCAD Workshops – Malaria Elimination, Dakar Senegal
4. 2017 - MARCAD Workshops – Project Development, Dakar Senegal
5. 2013 March – Namibia IAEA Workshop on Source for International funds (IAEA)
6. 2012 September – Intern'l Fund Raising – Cambodia-Fac of Pharmaceutical Sc (Fondation Merieux)
7. 2012 January – Yaounde cameroon - Bio-informatiques des données génomiques(ACP – EU)
8. 2012 June – Port-au Prince, Haiti - Recherche de Financement (ACP – EU)
9. 2011 April - Yaounde Cameroon - Recherche de Financement (ACP – EU)
10. 2011 May – Yaounde Cameroon - Epidemiology et Biostatistics (ACP – EU)
11. 2011 June - Yaounde Cameroon - Assurance Qualité (ACP – EU)
12. 2010 April – Kampala, Uganda, Basic Elective Education Program in Biosciences (PRD College, FP7)
13. 2010 Nov – Capetown, RSA, Advanced Educational Program in Biosciences (PRD College, FP7)
14. 2003 Accra, Ghana: Health Clinical Trials and Bioethics, (WHO/MIM)
15. 2003 Cotonou, Benin: *In vitro* susceptibility testing, (WHO/MIM)
16. 2003 Yaounde, Cameroon: Health Research Bioethics, (African Malaria Network Trust)
17. 2002, Kampala, Uganda: Standardization of protocols for molecular markers of antimalarial drug resistance (WHO/MIM)
18. 2002, Ibadan Nigeria: Proposal Finalisation workshop (WHO/MIM)

### **International Conferences Organized**

1. Chair - Local Organizing Committee and Vice President - Scientific Committee: 4th Congress of the **Federation of African Immunology Society**, 2000, Yaounde Cameroon - **135 participants**
2. Chair – Local Organizing Committee: **Federation African Societies of Biochemistry and Molecular Biological**. Yaounde Cameroon. November, 2003 – **118 participants**
3. Chair – Local Organizing Committee - **Multilateral Initiative on Malaria – 4<sup>th</sup> Pan African Conference**. Yaounde Cameroon. November 13 – 18<sup>th</sup>, 2005 – **2000 participants**
4. **Poverty Related Diseases** - EU Conference June 10-11, 2008, Bruxelles, (member of 5-member EU steering committee) – 300 attended

5. **Executive Director – MIM Secretariat** Organisers of the 6th Pan African Malaria Conference 2013 October – Durban South Africa - 1700 Attendees
6. **Executive Director – MIM Secretariat** Organisers of the 7th Pan African Malaria Conference 2018 Dakar, Senegal - 2500 Attendees

#### Scientific Review Committees

1. APMAC , Medicines for Malaria Venture (MMV), Switzerland, 2018
2. African Academy of Science, Review of H3 Africa grants, 2017
3. EDCTP, Review of Ethic Grants, 2016 - Holland
4. Strategic Advisory board – EDCTP – Holland 2013,
5. NACAAP, Holland, 2009
6. European and Developing Country Clinical trials Partnership (EDCTP)- Malaria Clinical Trials Review Panel, 2008, 2016
7. European Commission FP6 – Integrated Projects – 2006
8. American Embassy AIDS Task Force – AIDS prevention Messages - 2004
9. European Commission FP6 - STREP – 2004

#### Dissertations and Thesis Supervised

##### Maitrise es Sciences

1. **NKOUAWA Agathe – University of Yaounde I - 1999**  
Production et Caractérisation de la Taq ADN Polymerase
2. **NETONGO M Palmer: University of Yaounde I - 2000**  
Of Drug Resistance and Allelic Dispersion: Field Characterisation of *P. falciparum* *cg2-ψ* & *msp-1* genes.
3. **DJOKO Finyom Cyrille Leduc University of Yaounde I - 2000**  
Population structure Analysis of *Plasmodium falciparum* in a Savanna Country of Cameroon
4. **MOGOUN TCHUENTE Viviane M. F. : University of Yaounde I - 2001**  
Chimiothérapie Antipaludéenne : Prestations Médicamenteuses Légales et Informelles A Yaounde
5. **AGHOKENG Fobang Avelin - University of Yaounde I – 2001**  
Prevalence of HIV in 3 provinces of Cameroon: Centre, Littoral and Northwest – Preliminary Results Towards Establishing Genetic Variability
6. **ANCHANG Juliana Adjem– University of Yaounde I - 2001**  
Malaria Parasitaemia and Isotypic Analysis of *P. falciparum* – specific Antibodies in paired maternal and chord blood samples from south-western Cameroon
7. **ASONGNA Theresia Forkem: University of Yaounde 2001**



Molecular Epidemiology of some Drug Resistance Markers of *Plasmodium falciparum* in Fontem

8. **FONBAH Ernestine Afor: University of Yaounde I, 2002**  
Prevalence Of the S108N Mutation On The dhfr-ts Gene of *P. Falciparum* Conferring Resistance To Pyrimethamine In A Savannah Town Of Cameroon.
9. **AMUNOM Immaculate: University of Buea - 2000**  
Polymorphism Of Pfs25 Promoter In Field Samples: The Gene For A Plasmodium Falciparum Malaria Transmission Blocking Vaccine Candidate
10. **TENGEN Edwin Vola - University of Buea - 2000**  
Development of Methods for the Evaluation of Phytochemical Products: Antimicrobial properties of *Vernonia calvoana*
11. **NDINDENG Sali - University of Buea - 2000**  
Binding properties of Extracts of *Lawsonia inermis* on Proteins
12. **DJOKO Finyom Cyrille Leduc: University of Yaounde I - 2001**  
Population Structure Analysis Of *Plasmodium Falciparum* In A Savannah Country Of Cameroon.
13. **MASUMBE Palmer Netongo: University of Yaounde I - 2001**  
Molecular Epidemiology of Anti-Malarial Drug Resistance in Cameroon : The use of *cg-2* and *Pfcr1* as Markers
14. **Mimche Nsangou Patrice- University of Yaounde - 2003**  
Analyse de la Structure Génétiques de la Population de *Plasmodium falciparum* Chez les vivant dans la Province de Sud-Ouest Cameroon.
15. **TIBA Tsafack – University of Yaounde I - 2003**  
Utilisation de la PCR en vue l'Evaluation d'un test rapide de HIV: HIV -1/2 Determin®
16. **LOUGBOU Nzu Guy D'Or - University of Yaounde I - 2003**  
Approche de la Diversité Genetique chez l'Espece *Schistosoma haematobium* dns quelque Foyer d u Cameroon
17. **AKARAGWE Ateh Isabel - University of Buea - 2003**  
In vivo Sulfadoxine/Pyrimethamine Resistance in Children with uncomplicated *falciparum* malaria in Limbe, South Western Cameroon
18. **DEMANGA Galamo Corine Josiane: University of Yaounde I - 2004**  
Caractérisation Moléculaire Et Méthodologie de Clonage du Gène *hps86* du *Plasmodium falciparum*

## Masters of Science

19. **BILANDA Danielle Claude – University of Yaounde I 2004**  
Effets in vitro de l'Extrait au Methanol des Feuilles de *Bidens pilosa* sur la chloroquino - resistance de *Plasmodium falciparum*.

20. **DOMYEUM Jenny Suzy** – University of Yaounde I – 2004  
Caractérisation Moléculaire Et Méthodologie de Clonage du Gène lactate dehydrogenase du *Plasmodium falciparum*
21. **SADEUH MBA Serge Alain**, University of Yaounde I, 2007  
Fréquence de détection et diversité génétique du virus de l'hépatite B chez les primates non humains du Cameroun
22. **SONELLA Nelson**, University of Yaounde I, 2007  
Variation of biomedical and Haematological parameters upon treatment of uncomplicated malaria with Artemisinin based combination therapies: case of Aremether Lumefantrine and Artesunate sulfamethoxypyrazine Pyrimethamine
23. **TIENTCHUE DJOMKAM Leopold**, University of Yaounde I, 2007  
Détection moléculaire des mutations responsables de la résistance aux antituberculeux majeurs chez *Mycobacterium tuberculosis*.
24. **ACHINKO AYEHNWGO Daniel**, University of Yaounde I, 2008  
Detection of malaria parasites in Bangolan: Microscopy versus molecular methods
25. **BATE-EYA BECKY ELVIRA EWUBE spouse BESONG**, University of Yaounde I, 2008  
Health-seeking behavior of university students: case study of three universities in Yaounde- Cameroon
26. **NDIFOR ANTHONY KOHNWYI**, University of Buea , 2008  
Molecular indices and the association between chloroquine and acetogenins on the in vitro growth inhibition of *P. falciparum* field isolates in Yaounde, Cameroon
27. **DONFACK SONTSA Olivier Tresor**, University of Yaounde I, 2009  
Phylogenetic analysis of the gag genes of the Human Immunodeficiency Virus (HIV) and Human Endogenous RetroViruses (HERVs)
28. **GHEPDEU YOUNOUNI GISELE Flodore**, University of Yaounde I, 2009  
Detection of a foreign gene in food products in Cameroon: Case of cereals and cereal-based products
29. **KANOUE TCHINDA Priscille Flore**, University of Yaounde I, 2009  
Acute phase reactants in malaria: the case of C-Reactive Protein(CRP) in patients treated with amodiaquine (AQ), Sulphadoxine-Pyrimethamine(SP) and the combination of AQSP
30. **EKOLLO MBANGE Aristid Herve**, University of Yaounde I, 2010  
Comparison of three methods, PCR, microscopy and RDTs, for the detection and speciation of *plasmodium* species in pregnant women and children in Bangolan, North West region of Cameroon
31. **CHEDJOU KEGNE Jean Paul**, University of Yaounde I, 2011  
GENE NAT2, predominance des métaboliseurs lents et implication dans la réponse aux ASAQ
32. **ENGWA AZEH Godwill**, University of Yaounde I, 2011  
Genetic diversity of *plasmodium falciparum* in Bamenda and Yaounde, Cameroon: RDT as source of DNA.
33. **TALA Rodrigue**, University of Yaounde I, 2012 Etude De La Relation Entre Les Mutations 86 Du Gène Pfm-dr-1 De Plasmodium Falciparum Et La Réponse Au Traitement Avec Trois Combinaisons A Base D'artémisinine A Garoua
34. **VANDA KOKO**, University of Yaounde I, 2012 In Vitro Evaluation Of The Effect Of Newbouldia Laevis On The Susceptibility Of Plasmodium Falciparum Parasite To Chloroquine

35. **KETCHA NYONTA ARTHUR STEPHANE**, University of Yaounde I, 2013  
 Profil Des Genes Msp2 Et Glurp De *Plasmodium Falciparum* 05 Ans Apres L'introduction des ACTs au Cameroun : Cas De Garoua Et De Mutengene
36. **TCHAMTCHET KOUETCHOU Orthniel**, University of Yaounde I, 2013  
 Profile Des Marqueurs Dhfr S108n Et Dhps A437g De Plasmodium Falciparum Six Ans Apres L'introduction Des Act Au Cameroun: Le Cas De Garoua
37. **YAKUM DERRICK TAMIGHANG**, University of Yaounde I, 2013  
 Profile Of Plasmodium Falciparum Dhfr S108n And Dhps A437g Gene, 6 Years After The Introduction Of Act In Cameroon: The Case Of Mutengene
38. **MACDONALD BIN Eric**, University of Yaounde I, 2014  
 Malaria And Typhoid Co-Infection: Implication On The Genetic Diversity of Plasmodium Falciparum
39. **MANKEFO DIANE MANKAH**, University of Yaounde I, 2014  
 Plasmodium Falciparum And Toxoplasma Gondii: Evolutionary Relatedness And Implication In The Molecular Diagnosis Of Falciparum Malaria And Toxoplasmosis
40. **TANGAN KABO Cédric Gael**, University of Yaounde I, 2014  
 Essais Sur La Sensibilite In Vitro Des Peptides Anti Shock Proteins 90 Sur Les Cultures Cellulaires De Plasmodium Falciparum
41. **Agweibab Akiakum Florence**, University Of Yaoundé 1, 2015.  
 Developing A Tracing System To Control The Ingestion Of High Level Radioactivity In Food From The Bauxite Region In Fongo-Tongo.
42. **Dwight Atanga**: Catholic University of Cameroon, Bamneda, 2015  
 A Treatment Seeking Habits and the Cost of Malaria Case Management at Household Levels in the Minkoameyos Community, Center Region of Cameroon.
43. **Kamga Emmanuel Berinyuy**: Catholic University of Cameroon, Bamneda, 2015  
 Cost Savings from the use of Bed nets for Malaria Prevention in the Minkoameyos-Community Center Region Cameroon
44. **Kwondabong Mbossi John**: Catholic University of Cameroon, Bamneda, 2015  
 The motivation of Health Workers within Health Institutions in Mezam Division of the North West Region – Cameroon.
45. **Mefoungueu Reine Gladys**, University Of Yaoundé 1, 2015.  
 Evaluation De La Tolerance D'un Savon Artisanal Et Medical A Base Des Plantes.
46. **Ngang Peter Achu**: Catholic University of Cameroon, Bamneda, 2015  
 Access to and use of Family Planning Services among women of Reproductive age in the NWR, Cameroon.
47. **Ngum Lesley Ngum**, University Of Yaoundé 1, 2015.  
 Development Of A Rapid Diagnostic Test Kid For ABO Blood Group Types.
48. **Ntolo Emma Priscille Christelle**, University Of Yaoundé 1, 2015.  
 Elaboration Et Utilization D'un Reactif A Partir D'une Substance Extradite De L'ail: Ullieine.
49. **Poukam Guy Bertrand**, University Of Yaoundé 1, 2015.  
 Development Of An Haccp Field Tool For The Management Of Poultry Feed

50. **Chou Ennestine Chu**: Catholic University of Cameroon, Bamneda, 2016  
An Evaluation of the use Sulphadoxine Pyremthimine for Intermittent Preventive Treatment in Pregnancy: The Case of Mbakong Health Center.
51. **Djivida Voussou Prisca**, University Of Yaoundé 1, 2016.  
Optimization Of The Different Diagnosis In Malaria And Babesiosis Co-Infection.
52. **Foe Essomba Joseph Rodrigue**, University Of Yaoundé 1, 2016.  
Development Du Lamp Pour La Detection Rapide Des Souches Resistantes De Mycobacterium. Tuberculosis
53. **Mbiacob Sakta Lyselotte**, University Of Yaoundé 1, 2016.  
Validation De La Technique De Radio-Reception Pour Le Screening Des Residus D'antibiotique Dans Le Poisson .
54. **Menyoli William Nzeparh**, University Of Yaoundé 1, 2016.  
Formulation Of A Yogurt By Fermentation Of Coconut Fruit Milk.
55. **Mogue Ingrid**, University Of Yaoundé 1, 2016.  
Extrait De Combretummicranthum (Kinkeliba) Pour La Confection D'un Medicament Contre La Fievre Typoide
56. **Nguedia Kaze Niels**, University of Yaoundé 1, 2016.  
Caracterisation Et Development Des Biomarqueurs Moleculaire Des Cancers Du Sein Au Chu De Yaounde
57. **Njingueu Ketchadji Christiane Beatrice**, University of Yaounde 1, 2016  
Elaboration D'un Test De Diagnostic Rapide pour la Detection de *Salmonella Sp* Production D'anticorps.
58. **Ovono Pvono Odette Scolastique**, University of Yaoundé 1, 2016.  
Development d'un Algorithme a base de PCR Pour La Gestion De L'infection Toxoplasmose Chez les Malades atteints de VIH/SIDA
59. **Tchoupe Kamoua Eric Berenger**, University of Yaoundé 1, 2016.  
Development Of A Kit To Stabilize Plasmodium DNA in Saliva at Room Temperature
60. **Aletum Veronica Matehbi**. Fac of Medicine and Biomedical Sciences, Univ Yaounde I, 2017  
Virologic Suppression Of HIV/AIDS Patients On Anti-Retroviral Therapy For Ninety-Six Weeks
61. **Djougne Fonkou Sylvania Patricia**, Fac of Med & Biomedical Sciences, Univ Yaounde I, 2017  
Comparative Genomics of Humans Drug Response Genes of Persons In Yagoua
62. **Nkeck Jan Rene**, Faculty of Medicine and Biomedical Sciences, Univ Yaounde I, 2017  
Predisposition To Gout: Study Of Genetic Deficiencies In Uric Acid Secretion In Cameroon
63. **Nkeck Jeriel Pascal**, Faculty of Medicine and Biomedical Sciences, Univ Yaounde I, 2017  
Genetic Predisposition to Asthma, Yaounde, Cameroon
64. **Nganou Chris Nadege**, Faculty of Medicine and Biomedical Sciences, Univ Yaounde I, 2017  
Marqueurs De La Discordance Des Affections Metaboliques Et Cardiovasculaires Chez Des Sujets Apparentes A L'hospital Central De Yaounde
65. **Tankeu Tiakouang Aurel**, Faculty of Medicine and Biomedical Sciences, Univ Yaounde I, 2017

Prevalence of NAT2 and CytP450 (2C9) Genes in Patients receiving HAART therapy in Yaounde Cameroon

66. **Well Estelle Armandine**, Faculty of Medicine and Biomedical Sciences, Univ Yaounde I, 2017  
Effets D'un Regime Hypocalorique Sur L'expression Des Genes De Metabolisme Glucidique
67. **Golwa Dinza**, Faculty Of Science, Department Of Biochemistry, UYI, 2018  
Etude Du Polymorphism Des Genes Pfmdr-1, Pfprt ,Cyp2c8,Nat-2 Et Etablissement D'un Protocole De Vigilance Pour La Prise En Charge Du Paludisme au Tchad.
68. **Mahamat Khalil Abdoulaye M** - Faculty Of Science, Department Of Biochemistry, UYI, 2018  
Developpement d'une Methode d'etude de la Diversité de *Plasmodium falciparum* a travers les echantillons salivaires prelevés a Moundou(Tchad)
69. **Mbanyamsig Mispa Yivala**, Faculty Of Science, Department Of Biochemistry, UYI, 2018  
Development Of A Protocol For The Genetic Analysis Of Hiv-1 Integrase Sequences From Treatment Naïve Individuals In Yaounde Cameroon.
70. **FANDIP LEDOUX**, Faculty of Medicine, Molecular Biosciences, 2019  
Developpement d'une procedure moleculaire pour la detection des pathogenes dans les viandes utilises dans les restaurants de Yaoundé.
71. **DONGMO CEDRIC HERMANN**, Faculty Of Science, Department Of Biochemistry, UYI, 2019  
Development of a manual of procedure for the identification of CYP2C9 and NAT2 genes polymorphism in type 2 diabetes patients in Yaoundé, Cameroon.
72. **MBAIHADJO JULES**, Faculty Of Science, Department Of Biochemistry, UYI, 2019  
Etude du polymorphisme des genes PFDHFR et PFDHPS et etablisement d'un protocole de pharmacovigilance pour la prise en charge du paludisme a Moundou, Tchad.
73. **PAJIP LAETICIA**, Faculty Of Science, Department Of Biochemistry, UYI, 2019  
Developpement d'un protocole pour le diagnostic in vitro des resistances acquises par *Pseudomonas aeruginosa* aux Beta-lactamines.
74. **SELLY NGALOUMO ABDEL AZIZ**, Faculty Of Science, Department of Biochemistry, UYI, 2019  
Genetic diversity of *Plasmodium falciparum* strains in Yaoundé among patients suffering from uncomplicated malaria in the year 2014 and 2018
75. **Nsa'amang Eyebe** – Faculty of Medicine and Biomedical Sciences. UYI-2019  
Molecular Detection of Polymorphisms in Severe Haemophiliac Patients in Yaounde,
76. **DAHA TCHOFFO** - Faculty of Medicine, UYI 2020.  
Diversité Génétique de *Plasmodium falciparum* chez les patients vivant avec le VIH/SIDA a l'Hopital de Dsistrict de la Cite vert a Yaounde.

#### **MEDICINE - MD**

1. **TANIFUM née Oringi Patricia** – University of Yaounde, CUSS, 1990  
Screening of some medicinal plants extracts for biological activity
2. **TAWE Bantar** - University of Yaounde I - 2001  
*Plasmodium falciparum* Prevalence of Putative Chloroquine Resistance Markers in the Nkambe Health District
3. **YAUBA Saidou**, University of Yaounde I, 2007

- Efficacy and Safety of Artemisine-Combination Therapy in Bangolan, Northwest Region and Mutengene Southwest Region, Cameroon
4. **Nlende Mengalle Britha**; Univ of Yde I, Fac of Med and Biomed Sciences, 2017  
Impact of utero exposure to pregnancy associated Malaria on immunity to Malaria vaccine candidate antigens in children.
  5. **Ndiabamoh Crespo'o Mbe**; Univ of Yde I, Fac of Med and Biomed Sciences, 2017  
Malaria and intestinal Parasites co-infection: Antibody Response to Malaria vaccine. Candidate antigens in Children.
  6. **Mbekueh Dinga-Nyoh**; Univ of Yde I, Fac of Med and Biomed Sciences, 2017  
Early treatment failure cluster with fast metabolizers following a malaria clinical trial.
  7. **Bassog Jérémie Gautier**; Univ of Yde I, Fac of Med and Biomed Sciences, 2017  
Sécurité de l'association artémether + luméfantrine + primaquine chez les sujets porteurs de plasmodium falciparum.
  8. **Nkeck Jan René**; Univ of Yde I, Fac of Med and Biomed Sciences, 2017  
Evaluation du statut oxydatif des patients en crise aigüe de goutte suivis à l'Hôpital Central de Yaoundé

#### Doctor of Philosophy - PhDs

1. **TEDOM – University of Yaounde I - 2003**  
Contribution a la mis au point d'une methode de diagnostic plus efficace de la tuberculose par la PCR
2. **EVEHE Marie-Solange – University of Yaounde I, 2005**  
Anti-Malaria Drugs: Resistance in Cameroon by Use of Molecular Markers
3. **Atogho Barbara Mma – University of Yaoundé I, 2006**  
Evolutionary Trends in Infectious Diseases: Community-derived Epidemiologic Sensors for Onchocerciasis, HIV/AIDS & Malaria in Cameroon
4. **Irene N. Ane-Anyangwe, Univ of Buea, 2007**  
Epidemiology of TB in the South West Province of Cameroon: Implications of *Mycobacterium tuberculosis* Gene Mutations and HIV/AIDS, Malaria Co-Infections
5. **Netongo M. Palmer - University of Yaounde I, 2009**  
Molecular Indices of Failure to Anti-malaria Chemotherapy in Cameroon: Drug Regimens from 2002 to 2007
6. **BILANDA Danielle Claude University of Yaounde I, 2010**  
Propriétés antihypertensive et antioxydant des extraits des écorces de *Allanblackia floribunda* Oliv,(Clusiaceae) chez le rat.
7. **Serge Alain Mbah, University of Yaoundé I and University of Paris VI 2012**  
Circulation, diversité génétique et évolution des entérovirus humains au Cameroun - interactions avec les poliovirus vaccin aux et les entérovirus simiens
8. **Akindeh Mbuh Nji, Ludwig Maximilian University(LMU), Munich, Germany, 2013** Modeling response and progression of delayed parasite clearance time to Artemisinin Combination Therapies (ACTs)

9. **Madiesse KEMGNE EUGENIE AIMEE University of Yaounde I, 2014**  
Potentialité des extraits de trois annonacées Camerounaise contre l'agent causal du paludisme *Plasmodium falciparum*.
10. **NFOR Emmanuel Nfor, University of Yaounde I, 2014**  
Molecular phylogeny of *Plasmodium falciparum* Strains using Markers of Diversity and Resistance to Sulfadoxine-Pyrimethamine in the Ndu district Northwest Cameroon
11. **Olivia Achonduh, University of Yaounde, 2014**  
Evaluation of Nutritional Supplements (Vitamin A and Zinc) on the Human Response to Malaria Infection: Pharmacovigilance and Pharmacogenetics Profile of Children in Bangolan, North West Region of Cameroon
12. **Cyrille Finyom Djoko, University of Yaounde I, 2015**  
Understanding The Human Immunodeficiency Virus-1 Genetic Diversity In Relation To The Zoonotic Transmission of Simian Immunodeficiency Viruses In Central Africa
13. **Rhoda Nsen Bughe, University of Buea, 2017** Characterisation of Penaeid Shrimps And Pathogenic Vibrios from Shrimps of South and Littoral Coastal Waters; and a Probiotic Biocontrol for Disease Management of Cultured Shrimps
14. **Chedjou Jean Paul, University of Yaounde I, 2018**  
Predominance Des Metaboliseurs Lents Et Implication Du Gene N-Acetyltransferase 2(Nat2) Dans La Reponse Aux Medicaments Chez Les Patients Camerounais Aux Combinaisons Therapeutiques A Base D'artemisinine (Cta)
15. **Fatou Kane, University of Yaounde I, 2018.**  
Fabrication D'une Soupe Thérapeutique A Partir De Champignons Comestibles
16. **Kimassoun Djimadoum, University of Yaounde I, 2018**  
Etablissement d'un protocole de contrôle microbien des viandes du bovin et du camelin au Tchad et au Cameroun
17. **MAGELLAN GUEWO FOKENG, University of Yaounde I, 2018**  
Implication du polymorphisme rs4731702(C/T) du gène KLF14 (*Krüppel Like Factor 14*) dans la prédisposition au diabète de type 2 dans une population Camerounaise
18. **MARCEL NYULAM MOYER, University of Yaounde I, 2019**  
Clinical Profile and Characterization of Artemisinin-Combination Therapies in Mutengene, South West Province, Cameroon: A Decade of the Molecular Evolution of Drug Resistance Markers (2003-2013)
19. **MANN ELATE LEA MBASSI University of Yaounde I, 2020**  
Purification et caractérisation biochimique d'une peroxydase thermostable du pois bambara (*Vigna subterranea* (L.) Verdict.) en vue de son application en biotechnologie
20. **MBANGE ARISTIDE HERVE, University of Yaounde I, 2020**  
HIV-1 drug resistance mutations, genetic diversity and transmission dynamics in the three neighbouring coastal countries of West-Africa: Senegal, Guinea, Mauritania
21. **KINGA BERTILA MAYIN, Catholic University of Cameroon, Bamenda, 2020**  
An Empirical Investigation into the Socioeconomic Risk Factors and Consequences of Obesity in the Bamenda Municipality.

- 22. MBACHAM MERCY AKWI, Catholic University of Cameroon, Bamenda, 2020**  
Safety, anti-proliferative activity and cost evaluation of medicinal plants against breast cancer in the North West Region, Cameroon.
- 23. PROMISE ASEH MUNTEH, Catholic University of Cameroon, Bamenda, 2020**  
Telemedicine and Human Resources for Health Crises in the North West Region of Cameroon
- 24. NGONO MBALLA ROSE, University of Yaounde I. 2021**  
Pharmacogenomics & Health Impact of antimalaria medications in Cameroon and the case study on the efficacy and safety of SPAQ in the Northern Regions of Cameroon

## Publications

<https://www.researchgate.net/profile/Wilfred-Mbacham>