

CURRICULUM VITAE

I am Senior Lecturer in Microbiology at the Polytechnic School of Abomey-Calavi, University of Abomey-Calavi, in Benin. I am involved, through my work, in the fight against antimicrobial resistance in Africa and, as a scientist, my interests are linked to molecular microbiology, hygiene and public health. Scientific diplomacy is also a very important subject for my career, especially as a West African scientist. I have established many strong scientific networks around the world to make my country a better place to live without infectious diseases. I am a founding member of the Research Unit in Applied Microbiology and Pharmacology of natural substances, Research Laboratory in Applied Biology, Polytechnic School of Abomey-Calavi, University of Abomey-Calavi (www.e-urmapha.uac.bj). I am also the President of the Academy of Young Scientists of Benin and Country Ambassador of the American Society for Microbiology in Benin. Finally, I am a member of the Global Young Academy and a young affiliate of the World Academy of Sciences (TWAS). My academic career has been regularly enriched by participation in international workshops and symposia (eg Infectious diseases, South Africa, 2019; Health research, Mali, 2018; World Youth Academy, Kenya, 2018; Conference on sustainable development from Africa Cities, Ghana, 2018; Annual Conference of Microbiologists, USA, 2018; World Academy of Sciences, Lebanon, 2018, in South Africa, 2017 and in Rwanda, 2016; Research and development in Africa, Morocco, 2018; Brazil, 2017; Germany, 2017; Life Sciences Forum, France, 2017; Japan, 2016), stays in partner laboratories abroad (e.g. Finland 2019; Lebanon, 2018) as well as through funded trainings by various international scientific institutions (Phages for Health, Ghana, 2019; Protection against chemical weapons, China, 2017; Responsible scientific practices in chemical and biological sciences, South Africa, 2016; Future leaders, USA, 2015).

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1. Degrees / Education

Assistant Professor	Microbiology	2018
PhD	Environmental and Health Sciences, Multidisciplinary Doctoral School of the Faculty of Letters, Arts and Humanities, University of Abomey-Calavi (UAC), Benin	2013
M. Sc.	Biomedical Sciences, Polytechnic School of Abomey-Calavi, University of Abomey-Calavi (UAC), Benin	2011
B. Sc.	Biomedical Sciences, Polytechnic School of Abomey-Calavi, University of Abomey-Calavi (UAC), Benin	2008

2. Awards / Grants / Fellowships :

<ul style="list-style-type: none"> Local coordinator of the project entitled "Strengthening expertise and bioinformatics to fight against antimicrobial resistance in West Africa" selected and funded by ERASMUS + KA2 - Cooperation for innovation and exchange of good practices 	August 2020
<ul style="list-style-type: none"> Coordinator of the Project entitled «Toxicological and antibacterial activities of the plants traditionally used in West Africa for infectious diarrhea » selected and funded by The World Academy of Sciences and UNESCO 	July 2020
<ul style="list-style-type: none"> Local Coordinator of the Project 'Laboratory testing (AMR and blood culturing) in Benin' funded by Ministry for Foreign Affairs, Department for Development Policy, Discretionary Government Transfer Project, Finland 	July 2020
<ul style="list-style-type: none"> Local Coordinator of the Project 'Erasmus+ Global Mobility (ICM)' funded by the European Union for Mobilities of Students, Staff and Lecturers between University of Finland and University of Abomey-Calavi, 	June 2020
<ul style="list-style-type: none"> Coordinator of the project SEEDING LABS aiming to provide the University of Abomey-Calavi with lab equipments of estimated value of 234.287 USD 	December 2019

<ul style="list-style-type: none"> Member of the Project Team funded by the Islamic Development Bank and The World Academy of Sciences ISDB-TWAS entitled « Profiling and Taming Antibiotic Resistant Genes and Antibiotic Chemicals in drinking water for quality life : a Nigeria-Benin Collaboration » 	December 2019
<ul style="list-style-type: none"> Local Coordinator of the University of Newcastle's Grand Challenge: Solving Local and Global Problem of Mosquitoes 	August 2019
<ul style="list-style-type: none"> Coordinator of the project for online and massive courses from the Agence Universitaire pour la Francophonie (AUF) for the obtention of a certification in microbiology 	July 2019
<ul style="list-style-type: none"> Young Ambassador Project Fund (YAPF) granted by American Society for Microbiology 	July 2019
<ul style="list-style-type: none"> Local Coordinator of the Norway Project 'Multidrug resistant gonococcal infections in vulnerable communities: Epidemiology of <i>Neisseria gonorrhoeae</i> among homosexuals, sex workers and drug user communities in Benin' 	June 2019
<ul style="list-style-type: none"> Local Coordinator of the Finnish Project 'Occurrence, sources and prevention of antimicrobial resistance in West Africa - following the flow of AMR between humans, animals and environment 	January 2019
<ul style="list-style-type: none"> Grant offered by the Smithsonian Institution's National Museum of Natural History ("NMNH"), located at 10th and Constitution Ave, NW, Washington, DC 20013, USA, to organize an event entitled "Outbreak: Epidemics in a Connected World" Do-it Yourself DIY Exhibition ("Outbreak") in Benin 	August 2018
<ul style="list-style-type: none"> Grant offered by American Society of microbiology to prepare the first edition of the microbiology week 	May 2018
<ul style="list-style-type: none"> Young Ambassador Project Fund (YAPF) granted by American Society for Microbiology 	Feb 2018
<ul style="list-style-type: none"> The World Academy of Sciences Young Affiliates Network Collaborative Grant Award Program granted by The World Academy of Sciences 	Feb 2018
<ul style="list-style-type: none"> American Society of Microbiology Young Ambassador to Benin (http://www.asm.org/index.php/young-ambassadors/92487-benin?tmpl=component) granted by the American Society for Microbiology 	Feb 2017
<ul style="list-style-type: none"> National Youth Leadership Award 2016 granted by Beninese Youth Advisory Body 	Jan 2017
<ul style="list-style-type: none"> National Young Scientist Award granted by The World Academy of Sciences 	Dec 2016
<ul style="list-style-type: none"> Project entitled « <i>Multiresistant strains of Salmonella spp in slaughter animals: prevalence, molecular characterization and proposition of therapeutic formulations based on traditional Beninese plants</i> » selected and funded by The World Academy of Sciences and UNESCO for 45.000 USD 	Dec 2016
<ul style="list-style-type: none"> Fellowship given by International Union of Nutritional Sciences/Nevin Scrimshaw International Nutrition Foundation 	Jun 2013
<ul style="list-style-type: none"> Fellowship given by the West African Health Organization under the Professional and Linguistic Exchange Program. 	Jun 2013
<ul style="list-style-type: none"> Selected by Swiss Centre for Scientific Research in Ivory Coast to participate in Training in Eco-Health, One Health, Risk Analysis and Ethics 	Oct 2013
<ul style="list-style-type: none"> Grant awarded to the top ten young world researchers to participating to 9th World Congress of the French Society for Microbiology 	Feb 2013

3. Teaching Experiences to date:

i) Undergraduates Courses

General Microbiology / Medical Microbiology / Research Methodology / Food Hygiene / Microbiology of Water

ii) Graduates Courses

General Microbiology / Animal Experimentations

SOCIETIES AND MEMBERSHIP

- ❖ Member of the American Society for Microbiology (Young Country Ambassador to Benin from 2016 to 2019)
- ❖ Member of African Nutrition Society (ANS-13-228)

- ❖ Member of African Society for Laboratory Medicine (ASLM-02285/15).
- ❖ Member of International Association for Ecology and Health
- ❖ Member of the West African Health Research Network
- ❖ Consultant at the National Institute of Analysis, Communication and Social Sets

MAIN EXPERIENCES

Year Structure Country	Experiences
26 & 27 August 2020 International Science, Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO, Malaysia	Online workshop on technopreneurship for developing countries
July-September 2020 IAC Berlin and Bosch Alumni Network	Participant in the Capacity Building Program for Aspiring Entrepreneurs in Francophone Sub-Saharan Africa
July 2020 National Research Foundation (NRF) South Africa	Panel Member in the adjudication of Proposals, submitted to the Africa Rapid Grant Fund, Covid-19 Programme
May 2020 L'Oreal-UNESCO for women and science	Reviewer of applications for The Prize International Young Talents L'Oreal-UNESCO for women and science
May 2020 The InterAcademy Partnership (IAP)	Member of the Project 'Combatting Predatory Academic Journals and Conferences', https://www.interacademies.org/project/predatorypublishing
March 2020 Global Young Academy	Nomination as Member of the Global Young Academy, https://globalyoungacademy.net/vdougnon/
January 2020 Tertiary Education Commission, Mauritius	Reviewer of abstracts for the Third Edition of the National Research Week 2020
January 2020 Africa Centres for Disease Control and Prevention Ethiopia	Reviewer of abstracts for the International Conference on (Re-)Emerging Infectious Diseases 2020 on 18- 20 March 2020, in Addis Ababa, Ethiopia.
26-27 December 2019 National Academy of Sciences, Arts and Letters of Benin	Organization and participation in the Workshop 'Modeling as a tool for predicting epidemics and environmental risks in Benin' organized by the Committee on Climate and Environment of the Academy National Science, Arts and Letters of Benin
17-18 December 2019 National Academy of Sciences, Arts and Letters of Benin	Organization and participation in the Workshop 'Environment and infectious diseases: How can science contribute to the achievement of global objectives?' Organized by the Commission on Climate and Environment of the National Academy of Sciences, Arts and Letters of Benin
13-14 December 2019 Academy of Young Scientists of Benin	Organization and participation in the National Camp of Young Scientists of Benin with the financial support of the American Society for Microbiology
October - November 2019 University of Helsinki, Finland	Scientific Visit in the University of Helsinki, Finland
July 2019 West African Centre for Cell Biology of Infectious Pathogens, University of Ghana, Ghana	Participation as trainer to the Science Leadership Program
July 2019, Kwame N'Krumah University, Ghana	Participation to the Hands-on on Phages in West Africa
June 2019 American Society for Microbiology	Organization of a community activity called "Living with a Connected World" with the support of the Smithsonian Institution's National Museum of Natural History ("NMNH"), Washington, DC 20013, United States
June 2019 American Society for Microbiology	Organization of a training seminar on the art of writing scientific publications, University of Abomey-Calavi, Benin
June 2019 TedX Akpakpa	Participation as a speaker at TEDX AKPAKPA on the theme: 'Contribution of traditional medicine to the rise of Benin seen by a microbiologist'
2019 CeRADIS ONG, Benin	International Consultant on the US Department of Defense's HIV / AIDS Prevention Program through the 'Strengthening the Resilience of the Armed Forces of Benin and their Families to HIV' Initiative
April 04th, 2019 Abomey-Calavi Polytechnic School, University of Abomey-Calavi, Benin	Appointment as Division Manager for Distance Learning, Autonomous Center for Advanced Development, Polytechnic School of Abomey-Calavi, University of Abomey-Calavi

03 April 2019 University of Abomey-Calavi, Benin	Appointment as Scientific Secretary of the Master of Research in Molecular and Medical Microbiology, Graduate School of Life and Earth Sciences, University of Abomey-Calavi
December 2018 National Academy of Sciences, Arts and Letters of Benin	Member of the Committee on Climate and Environment of the National Academy of Sciences, Arts and Letters of Benin
November 2018 Benin Young Academy of Sciences, Benin	Appointment as President of Benin Young Academy of Sciences
19th October 2018 National Academy of Sciences, Arts and Letters of Benin	Member of the Commission a Selection of the members of the Academy of Young Scientists of Benin
14th – 17th May 2018 American Society for Microbiology, Cotonou, Benin	Participation as Main Organiser to the Colloquim entitled Week of Microbi
05-11 March 2018 American Society for Microbiology	Participation as a trainer at ASM Hands-On Training on 'Bacteriological diagnosis in a laboratory: techniques and skills' done at the University of Abomey-Calavi, Benin
02-11 October 2017 CORAF, Cotonou, Benin	Participation as a trainer in training stakeholders in the West African subregion on the use of soil microorganisms to increase agricultural productivity while improving soil health
13-15 April 2017 American Society for Microbiology, Cotonou, Benin	Trainer associated with the Training Workshop in Applied Statistics and Art of the scientific writing for the benefit of students at the Bachelor's Degree in Biomedical Sciences, Polytechnic School of Abomey-Calavi
December 2016 Benin Synergie Plus	Consultant on the study on the drafting of an advocacy guide for the integration of key populations in the HIV / AIDS programs of Benin
25 th -26 th November 2016 Youth Council of the Ambassador of United States of America to Benin	Training of Djougou's students in hand hygiene and improvement of the living environment
August 2016- August 2018 Embassy of United States of America in Benin	Member of American Youth Council upon the Ambassador of United States of America in Benin
June 28 th – July 16 th , 2016 Campus du Champ de Foire	Participation to the Thematic School of Researchers MooSciTIC 2016
June 02 nd and 03 rd , 2016 Chant d'Oiseau, Cotonou	Participation to the Training about mounting European HORIZON projects in 2020
May 10 th 2016 American Society of Microbiology	Trainer invited to the capacity building workshop for laboratory technicians on the laboratory diagnosis of typhoid fever
April 2016 CeRADIS	Participation to the 8 th Edition of the International Francophone Conference on HIV/Hepatitis at Brussels (Belgium)
December 2015-January 2016 NGO RACINES Benin	Consultant associated with the mid-term evaluation Mid-term evaluation of the project "Mobilization of spouses of HIV-positive women followed at the ADIS center of RACINES for screening and strengthening of family care of HIV "
November 2015 CeRADIS	Participation in the International Conference on AIDS and STI in Africa (ICASA) in Harare (Zimbabwe)
November 2015 INACES	Associate Consultant of the Second Generation Surveillance Survey of Injectable Drug Consumers (CDI) in Benin
August 2015 INACES	Consultant (Supervisor) of the Behavioral and Biological Surveillance Survey among truckers, sex workers and homosexuals at borders and hot spots along the Abidjan-Lagos corridor; Head of Ghana Component
July 2015 CeRADIS NGO Benin	Facilitator of the training workshop of community associations in community leadership in the fight against HIV / AIDS in Benin and the promotion of face-to-face testimony on HIV / AIDS (German GIZ Backup Project)
June 2015 CeRADIS NGO Benin	Facilitator of the Reflection Workshop on the issues and challenges related to the implementation of the ETME action plan for better care for orphans and children vulnerable to HIV in Benin (Project to strengthen community observatories in connection with HIV / AIDS advocacy)

May 2015 CeRADIS NGO Bénin	Facilitator of the Civil Society Organizations Training Workshop on Advocacy (Strengthening Community Observatories Project on HIV / AIDS Advocacy)
29th to 30th of January 2015 West Africa Network of Laboratories Program) Cotonou (Benin)	Training of Trainers of RESAOLAB Program organized by Fondation Mérieux in partnership with the Ministry of Health of Benin (Certificate)
November 2014 CeRADIS NGO Benin	Facilitator of the workshop on the operationalization of an analysis framework by civil society organizations of data from the community observatory and cross-reference with strategic information on the Global Fund's funding from the Fund's Secretariat Global (Community Observatories Strengthening Project related to HIV / AIDS advocacy)
September 2014 CeRADIS NGO Benin	Facilitator of the Training Workshop on the involvement of people being followed and / or intervening in treatment centers in the collection of data from the community observatory (Community Observatories Strengthening Project related to HIV / AIDS advocacy)
September 2014 CeRADIS NGO Benin	Facilitator of the sharing workshop on the programs financed by the Global Fund in the fight against HIV / AIDS in Benin (Community Observatories Strengthening Project related to HIV / AIDS advocacy)
April 2014 - April 2017 CeRADIS NGO Benin	Senior HIV Advocate at CeRADIS-NGO, Cotonou, Republic of Benin on the 5% Initiative Initiative of France International Expertise - Animation of a system for collecting and processing information on the quality of care for people living with HIV (PLHIV)
December 2015-January 2016 ONG RACINES	Consultant associated with the mid- term evaluation of the project "Mobilization of husbands of HIV-positive women attending the ADIS center for testing and strengthening family support for HIV"
November 2015 CeRADIS	Participation to the International Conference on AIDS and STI in Africa (ICASA) at Harare (Zimbabwe)
Novembre 2015 INACES Benin	Consultant associated to the Monitoring Survey of Second Generation among Injectable Drugs Consumers (CDI) in Benin
August 2015 INACES	Consultant (Supervisor) of the Integrated Biological and Behavioral Surveillance Survey (IBBSS) among truckers, sex workers and men who have sex with men at the border areas and hotspots along the Abidjan-Lagos Corridor in Ghana
January 2015 Merieux Fondation and the Benin Ministry of Health	Training of trainers of biotechnologists organized by Merieux Fondation and the Benin Ministry of Health at Cotonou (Attestation)
February 2014- March 2014 Noguchi Memorial Institute for Medical Research, University of Legon	Training in Microbiology/Pharmacology at Noguchi Memorial Institute for Medical Research, University of Legon, Ghana
November 2013-February 2014 Plan Benin	Supervision of the impact study of psycho emotional development, motor and psychosocial well-being of children infected by HIV and which receive the full support package for OVC
Novembre-December 2013 Plan Benin	Supervision of the Survey of Second Generation Surveillance (ESDG) of HIV and STIs among Injectable Drug Users (IDUs) in Benin
May-June 2013 OCAL	Supervision of the Survey on the second generation about STIs, HIV and AIDS among truckers, their apprentices and illegal and displayed sex workers in the ports of Apapa, Cotonou, Lome, Tema and Abidjan, based in Tema (Ghana)
December 2012 Foundation for Health, Water, Education and Sport in Benin, Benin	Third Prize of Writing Competition on the theme "Health for development or development for health? What is the best option for our country in terms of priority? Defend your (your) position (s) with examples, clear proposals and solutions clearly identified. In addition, you must specify the means of their implementation by placing the responsibilities of each actor identified in your solutions. "
February 2011 Centre Hospitalier Départemental Ouémé- Plateau (CHD/OP), Benin	Academic internship in the laboratory of parasitology

March 2008- August 2008 Centre National Hospitalier Universitaire (CNHU), Cotonou – Benin	Academic internship in laboratory services (Parasitology, Biochemistry, Microbiology, Hematology, Blood Bank)
July 2007- Septembre 2007 Centre de Santé de Mènontin, Cotonou- Benin	Academic internship at the Laboratory of Biomedical Sciences

4. Travel Grants :

• Supported by the Finnish University Partnership for International Development (UniPID) for a scientific visit in Finland	June 2019
• Supported by the Phages for Health for a hands-on in Kumasi, Ghana	July 2019
• Supported by the University of Ghana for a Training on Scientific Leadership	July 2019
• Supported by the Academy of Sciences of South Africa to participate to the Symposium on One Health: a focus on Infectious Diseases in Africa, Durban, South Africa	May 2019
• Supported by the Robert Bosch Foundation to participate to the Africa Science Leadership Program 2019 and the Launch of the Future Africa Campus	March 2019
• Supported by the Mauritius Education Committee to be at the University of Mauritius as Visiting Associate Professor in Microbiology	November 2019
• Supported by the West African Consortium for Health Research for the 4th Colloquium of the Consortium in Bamako, Mali October 2018	October 2018
• Supported by the World Youth Academy to attend the Regional Workshop on the SDGs and STISA in Kenya	September 2018
• Funded by Global Young Academy to participate to the Conference on Sustainable African Cities in Accra, Ghana	July 2018
• Funded by the American Society for Microbiology and the World Academy of Sciences to participate to the ASM Microbe 2018 in USA	June 2018
• Funded by The World Academy of Sciences to participate in the 24th Lebanese Association for the Advancement of Science International Scientific Conference in Lebanon and for a 2 weeks Scientific Visit to the University of Balamand, Lebanon	May 2018
• Funded by Hassan II Academy of science and technology to participate to a workshop related to « Improvement of R&D and Innovation Linkage to create wealth in the African context» in Morocco	March 2018
• Funded by OPCW to participate in the International Course on Medical Aspects of Assistance and Protection against Chemical Weapons in China	September 2017
• Funded by TYAN and the Brazilian Academy of Science to participate in the TYAN 1st General Meeting, Rio, Brazil.	August 2017
• Funded by SAYAS-GYA to participate in 3rd World Meeting of TWAS Young affiliate	July 2017
• Funded by Lindau to participate in Nobel, Allemagne 67th Lindau Nobel Laureate Meeting, Lindau, Allemagne	July 2017
• Funded by Biovision Organizers to attend the 12th Bio-Vision: “The World Life Sciences Forum, Lyon, France	April 2017
• Funded by TWAS to participate 27th Annual Meeting of TWAS in Rwanda	November 2016
• Funded by OPCW to participate in ‘Regional Workshop on Policy and Diplomacy for Scientists: Introduction to responsible research practices in chemical and biological sciences’ Afrique du Sud	October 2016
• Funded by Technologies and Sciences Agency of Japan to participate 13th Annual Meeting of Technologies and Sciences Agency of Japan	September 2016

<ul style="list-style-type: none"> Funded by Health Ministry of Benin to participate to the Workshop on Biosecurity and Biosafety organisaed by the Benin Ministry of Health 	May 2016
<ul style="list-style-type: none"> Funded by The New York Academy of Sciences and the Science and Technology in Society (STS) to participate in the 2015 Future Leaders program 	October 2015


5. Supervision of students works and Participation to Scientific events

- a. PhD = 03
- b. Master's Thesis = 08
- c. Bachelor's thesis = 70
- d. Participation to Scientific Events = 76 worldwide

REFERENCES

- Lamine BABA-MOUSSA. Full Professor of Molecular Biology / Microbiology and Biochemistry, Head of the Laboratory of Biology and Molecular Typing in Microbiology, Faculty of Sciences and Techniques, University of Abomey-Calavi, laminesaid@yahoo.fr, Tel. 00 229 97 12 34 68.
- Honoré S. BANKOLE, Full Professor of Microbiology, Head of National Laboratory of Public Health, Ministry of Health, Benin, bahosour@yahoo.fr, Tel. 00 229 97 87 27 44.
- Phyllis ADDO, Director of the Department of Animal Experimentation, Noguchi Memorial Institute for Medical Research, University of Legon, Ghana, paddo@noguchi.ug.edu.gh, adokaley.pa@gmail.com, adokaley@yahoo.com, Tel. 00 233 26 458 6937.

NB. I hereby certify that all information is accurate and truthful.


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