



**PROF OLAOLUWA PHEABIAN AKINWALE FPPSN**

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**PROFESSIONAL/ADMINISTRATIVE SUMMARY**

Olaoluwa Pheabian Akinwale is a Professor of Parasitology and the immediate past Deputy Director-General of the Nigerian Institute of Medical Research (NIMR). She also serves as the Director of Neglected Tropical Disease (NTD) Research at the Institute. Professor Akinwale is a founding member of the Skin NTD-Laboratory Network within the World Health Organization (WHO) African Region. She has held Visiting Professor positions at Taipei Medical University in Taiwan, the University of Debrecen in Hungary, and Universiti Sains Malaysia in Penang, Malaysia. Additionally, she has served as an Adjunct Professor at Lead City University in Nigeria, and she is a recognized Fellow of the Parasitology and Public Health Society of Nigeria (PPSN). Professor Akinwale is a member of several key organizations, including the Management Board of the African Research Network for Neglected Tropical Diseases (ARNTD), the WHO Strategic and Technical Advisory Group for Neglected Tropical Diseases (STAGNTD), and the Board of Trustees of the Royal Society of Tropical Medicine and Hygiene (RSTMH). She also serves on other prestigious committees, including the RSTMH Policy and Advocacy Committee, the RSTMH Meetings and Events Committee, the College of Experts for the Africa Research Excellence Fund (AREF), the Advisory Committee for the ARNTD International Conference on NTD Research in Africa (InCORNTD), the Project Advisory Board for Grand Challenges Nigeria (GCNg), and the Portfolio Advisory Panel for the Global Health Innovative Technology (GHIT) Fund in Japan. Professor Akinwale is a member of the WHO/TDR Global Research Mentorship Working Group, which developed the newly launched Institutional Research Mentorship Guidelines for low- and middle-income countries. As a mentor, she has successfully secured fully funded international PhD scholarships and postdoctoral fellowships for many early-career researchers, some of whom have advanced to become professors and prominent scientists. Throughout her career, Professor Akinwale has won numerous competitive research and equipment grants, as well as several training fellowships and conference travel bursaries from various national and international funding organizations. In 2016, she established the Buruli ulcer Reference Laboratory at her Institute to support the National Control Program by providing molecular confirmation for clinically diagnosed Buruli ulcer cases in Nigeria. This achievement was made possible through the support of her Institute and her various grant awards, leading to timely diagnoses and improved treatment outcomes for patients suffering from Buruli ulcer in Nigeria.

## **EDUCATIONAL BACKGROUND**

### **Institutions attended with dates**

- 1993-1998 Ahmadu Bello University, Zaria, Nigeria  
1985-1987 The University of Ife (Now Obafemi Awolowo University), Ile-Ife, Nigeria  
1978-1982 The University of Ife (Now Obafemi Awolowo University), Ile-Ife, Nigeria

### **Qualifications obtained with dates**

- 1998 Doctor of Philosophy, Zoology (Specialization - Parasitology)  
1987 Master of Science, Zoology (Specialization – Parasitology)  
1982 Bachelor of Science (Zoology)

### **Certificate courses attended with dates**

- 2018 MOOC on Implementation Research. WHO-TDR/University of Ghana School of Public Health.  
2015 Control strategies for infectious and non-communicable diseases. KIT Royal Tropical Institute, Amsterdam, The Netherlands.  
2010 Fourth International Association of Public Health Institutes (IANPHI) Summer School. National Institute for Health and Welfare (THL), Helsinki, Finland.  
2009 Advanced Methods for Phylogenetic Analysis of Molecular Sequences. Research Institute of Rio de Janeiro, Brazil.  
2007 Wellcome Trust Open Door Workshop (Working with the Human Genome Sequence). Kenya Medical Research Institute, Kilifi, Kenya.  
2007 Bioinformatics and Comparative Genome Analysis Course. Institut Pasteur Tunis, Tunisia.  
2006 The New England Biolabs Molecular Biology Summer Workshop. Smith College, Northampton, Massachusetts, USA.  
2005 Research Methods Course in Sexual and Reproductive Health. Reproductive Health and HIV Institute, University of the Witwatersrand Johannesburg, South Africa.

## **MEMBERSHIP/FELLOWSHIP OF SCIENTIFIC SOCIETIES AND ORGANIZATIONS**

- 2022-present Member, College of Experts, Africa Research Excellence Fund, UK  
2019-present Member, Skin NTD-Laboratory Network in the World Health Organization African Region  
2017-present Member, American Society of Parasitologists  
2014-present Member, African Research Network for Neglected Tropical Diseases  
2013-present Member, the Systematics Association, UK  
2010-present Member/Author, Cochrane Collaboration, UK  
2009-present Member, International Society for Urban Health, USA  
2008-present Trustee, Royal Society of Tropical Medicine and Hygiene, UK  
2005-present Member, The World Organization of Women in Science  
2005-present Member, International Network of Women Engineers and Scientists, Canada  
1991-present Fellow, Nigerian Society for Parasitology and Public Health

## **FELLOWSHIPS, BURSARIES AND GRANTS OBTAINED**

### **Training Fellowships and Conference/Meeting Travel Grants**

- 2023 World Health Organization (WHO) travel bursary, Accra, Ghana  
2022 World Health Organization (WHO) travel bursary, Yaoundé, Cameroon  
2022 Armauer Hansen Research Institute travel bursary, Addis Ababa, Ethiopia  
2019 World Health Organization (WHO) travel bursary, Yaoundé, Cameroon  
2019 EDCTP Network meeting Travel Bursary, Addis Ababa, Ethiopia  
2017 World Health Organization (WHO) travel bursary, Geneva, Switzerland  
2016 Symposium for International Research and Innovations in Schistosomiasis travel bursary, USA  
2015 WIPO RE: Search Travel Bursary, Geneva, Switzerland  
2015 The Netherlands Fellowship Programme (NFP) training fellowship, Amsterdam, the Netherlands  
2015 Gordon Research Conferences travel bursary, Galveston, Texas, USA  
2015 African Research Network for Neglected Tropical Diseases (ARNTD) travel award, Malawi

- 2014 United Nations Development Programme travel bursary, New York, USA
- 2014 Bernhard Nocht Institute for Tropical Medicine travel grant, Hamburg, Germany
- 2012 TWAS-USM Visiting Researcher Fellowship (FR number 3240255153), Malaysia
- 2012 Nigerian Branch of South African Cochrane Centre training scholarship, Calabar, Nigeria
- 2011 National Science Council, Taiwan, travel bursary Award.
- 2011 National Science Council, Taiwan, Guest Lectureship Award
- 2011 International Society for Urban Health (ISUH) travel scholarship, Belo Horizonte, Brazil
- 2010 International Society for Urban Health (ISUH) travel scholarship, New York, USA
- 2010 International Congress of Parasitology (ICOPA) travel award, Melbourne, Australia
- 2010 International Association of National Public Health Institutes (IANPHI) travel grant, Finland
- 2009 International Society for Urban Health (ISUH) travel award, Kenya
- 2009 European Molecular Biology Organization (EMBO) training fellowship, Rio de Janeiro, Brazil
- 2007 Wellcome Trust Open Door Workshop training fellowship, Kilifi, Kenya
- 2007 The New England Biolabs training fellowship, Tunis, Tunisia
- 2006 The New England Biolabs training fellowship, Massachusetts, USA
- 2005 World Health Organization training fellowship, Bangkok, Thailand
- 2005 The International Network of Women Engineers and Scientists travel award, South Korea
- 2005 University of Witwatersrand training fellowship, South Africa
- 2004 International Organization for Chemical Sciences and Development travel fellowship, Belgium
- 2003 Commonwealth Science Council training fellowship, UK

## RESEARCH AND EQUIPMENT GRANT AWARDS

- 2023 Cambridge-Africa ALBORADA Research Fund 2023/2025. Role: **Principal Investigator.**
- 2023 Nigerian Institute of Medical Research Project Development Grants Program (PDGP) Grant (Grant Number 1NM-JRGT--23-0088) 2023-2024. Role: **Co-Investigator/Supervisor.**
- 2022 German Research Foundation (Deutsche Forschungsgemeinschaft) Grant for Initiation of International Collaborations (2022-2023). Project No. 508752744. Role: **Co-Principal Investigator.**
- 2022 Nigerian Institute of Medical Research Grant Award 2022-2024 (Grant No. 5NM-ADJGT-22-0081). Role: **Co-Principal Investigator.**
- 2021 Nigerian Institute of Medical Research Grant Award 2021-2023 (Grant No. 3NMG-SRGT-20-0055). Role: **Principal Investigator.**
- 2021 National Institute for Health Research (NIHR), Department of Health and Social Care (DHSC)/RSTMH Small Grants Programme 2021-2022. Role: **Supervisor.**
- 2021 Royal Society of Tropical Medicine and Hygiene (RSTMH) Small Grants Programme 2021-2022. Role: **Supervisor.**
- 2021 Nigerian Institute of Medical Research Grant Award 2021-2022 (Grant No. 3NM-JRGT-20-0051). Role: **Co-Investigator/Supervisor.**
- 2021 United Kingdom's Foreign, Commonwealth, and Development Office (FCDO) African Researchers' Small Grants Program 2021-2022. Role: **Co-Investigator/Supervisor.**
- 2019 The END Fund Pilot NTD Prevention Project Monitoring and Evaluation Grant, 2019-2020. Role: **Principal Investigator/Consultant.**
- 2018 Universiti Teknologi Mara (UiTM) Malaysia Long-term Research Grant Scheme 2018-2021 [Grant No. 600-IRMI/LRGS 5/3 (0003/2016)]. Role: **Co-Principal Investigator.**
- 2017 Nigerian Institute of Medical Research Grant Award 2017-2018 (Grant No. 1NIMRGA0002-17-01). Role: **Principal Investigator.**
- 2017 Laureus Sport for Good Foundation Research Grant, 2017-2018. Role: **Principal Investigator/Consultant**
- 2017 German Leprosy and TB Relief Association (GLRA)/Kindermissionswerk Aachen (now RedAid Nigeria) Equipment Grant, 2017. Role: **Principal Investigator.**
- 2015 Tertiary Education Trust Fund (TETFUND) Institutional-Based Research Grant, Nigeria (Grant Number FUNAI/FST/15/BI/004). 2015-2016. Role: **Co-Principal Investigator.**
- 2015 UNICEF/UNDP/World Bank/WHO/Special Programme for Research and Training in Tropical Diseases (TDR). Impact Grant (Project ID No. 235553) (2015-2016). Role: **Principal Investigator.**

- 2015 Special Olympics HIV/Malaria Program Evaluation Grant, 2015-2016. Role: **Principal Investigator/Consultant.**
- 2014 United States National Science Foundation Research Award (Award Number: 1516340). 2014-2016. Role: **Collaborator.**
- 2012 Systematics Research Fund by the Linnean Society/Systematics Association, UK. 2012-2013. Role: **Principal Investigator.**
- 2010 International Association of National Public Health Institutes (IANPHI) (Award No. 6-38223-G1). 2010-2012. Role: **Principal Investigator/Project Director.**
- 2008 Systematics Research Fund by the Linnean Society/Systematics Association, UK. 2008-2009. Role: **Principal Investigator.**
- 2006 UNICEF/UNDP/World Bank/WHO/Special Programme for Research and Training in Tropical Diseases (TDR). Collaborative Research Project Grant (Project ID No. A60251). 2006-2007. Role: **Co-Principal Investigator.**
- 2005 UNICEF/UNDP/World Bank/WHO/Special Programme for Research and Training in Tropical Diseases (TDR). Project Development Grant (Project ID NO. A41061), 2005-2006. Role: **Principal Investigator.**

## WORK EXPERIENCE

### Previous and Present Positions Held with Dates

- 2013-present Director of Neglected Tropical Disease Research
- 2008-2013 Deputy Director (Research), Nigerian Institute of Medical Research, Lagos, Nigeria
- 2004-2007 Chief Research Fellow, Nigerian Institute of Medical Research, Lagos, Nigeria
- 2001-2003 Senior Research Fellow, Nigerian Institute of Medical Research, Lagos, Nigeria
- 1998-2000 Research Fellow 1, Nigerian Institute of Medical Research, Lagos, Nigeria
- 1994-1998 Principal Research Officer, Nigerian Institute for Trypanosomiasis Research, Kaduna, Nigeria
- 1991-1994 Senior Research Officer, Nigerian Institute for Trypanosomiasis Research, Kaduna, Nigeria
- 1988-1991 Research Officer 1, Nigerian Institute for Trypanosomiasis Research, Kaduna, Nigeria
- 1982-1983 NYSC Science Teacher, Timi Agbale Grammar School, Ede, Oshun State, Nigeria

## PUBLICATIONS IN PEER-REVIEWED SCIENTIFIC JOURNALS

1. Awotokun Femi, Sowemimo Oluyomi Abayomi, **Akinwale Olaoluwa Pheabian**, Falemu Funke Aina (2025). Prevalence of Toxoplasma Gondii Oocysts in Domestic Cats in Ekiti State, Nigeria. International Journal of Research and Scientific Innovation (IJRSI), 12(15): 638-644. <https://doi.org/10.51244/IJRSI.2025.121500057P>.
2. Chia Kwung Fan, Ting-Wu Chuang, Hon-Ian Lei, Pam V. Gyang, Tyng-Shiuan Hsieh, Po-Ching Chen, Chia-Mei Chou and **Olaoluwa P. Akinwale** (2025). Seroprevalence and risk factors of Anisakis simplex in Makoko schoolchildren: Insights from a Lagos, Nigeria, slum. Transactions of The Royal Society of Tropical Medicine and Hygiene, 0: 1–8. <https://doi.org/10.1093/trstmh/traf055>.
3. Vincent P. Gyang, Timothy N. Ejike, Oluwatomilola V. Tokun, Joseph Jonathan, Adedotun Bayegun, Maryam Patrobas, Jacob B. Ajayi, Conor R. Caffrey, **Olaoluwa P. Akinwale** (2025). Comparison of the Point-Of-Care Circulating Cathodic Antigen Assay with Kato-Katz and Polymerase Chain Reaction Tests in the Diagnosis of Schistosoma mansoni. Pan African Journal of Life Sciences, 9(1): 329-336.
4. Jonathan, J., Sam-Wobo, S. O., Talabi, O. A., Ekpo, U. F. and **Akinwale, O. P.** (2025). Prevalence and Risk Factors of Cryptosporidium Infections in Diarrhoeic and Non-Diarrhoeic Cattle and Nomadic Pastoralists Populations in Abeokuta North and Odeda Local Governments Areas, Ogun State, Nigeria. Nigerian Journal of Parasitology, 46(1), 100–110. <https://doi.org/10.4314/njpar.v46i1.11>
5. Gyang, P.V., Nwafor, T., Osuolale, K.A., Nshiogu, M., Iniobong, E., Quzeem, L., Tokun, O., **Akinwale, O.P.** (2025). Six-Year Retrospective Analysis of Buruli ulcer Diagnosis via Real-Time PCR at the

Nigerian Institute of Medical Research. Sahel Journal of Life Sciences FUDMA, 3(1): 236-243. <https://doi.org/10.33003/sajols-2025-0301-28>.

6. Vincent P Gyang, Hameedat O Abdulssalam, Aminat O Ahmed, Oluwatomilola V Tokun, Timothy N Ejike, Joseph Jonathan, Adedotun A Bayegun, Taiwo O Adubi, Maryam N Patrobas, Jacob B Ajayi, **Pheabian O Akinwale** (2025). Investigating outcomes of female genital schistosomiasis in communities in Ogun State, Nigeria: a pilot cross-sectional study. Transactions of The Royal Society of Tropical Medicine and Hygiene. <https://doi.org/10.1093/trstmh/traf006>.
7. Kashim Y. A., Dogara M. M., Mienda, B.S., Nwafor, T. E., **Akinwale, O. P.**, Adeniyi, K. A. and Abubakar H.H. (2024). Molecular Detection of Buruli ulcer among Patients with Various Degrees of Skin Ulcerative Lesions Revealed Zero Prevalence in Parts of Jigawa State, Northern Nigeria. Nigerian Journal of Microbiology, 38(2): 7265 – 7274.
8. Joseph O. Sunday, Opeyemi G. Oso, Abdulkareem O. Babamale, Samuel U. Ugbomoiko, **Olaoluwa P. Akinwale** (2024). Molecular Characterization and Phylogeny of *Bulinus* species in North Central, Nigeria. Pan African Journal of Life Sciences (2024): 8(3): 257-264. DOI: 10.36108/pajols/4202/80.0360.
9. Ude E.A, Oparaocha E.T., **Akinwale O.P.**, Udigwe I.B, Izunwa A.M., Okoye E.P, & Nzeukwu C.I. (2024). Assessment of Knowledge, Attitude, Practices and Risk Factors Towards Urogenital Schistosomiasis among School-Age Children in Anambra State, Nigeria. South Asian Journal of Parasitology, 7(2), 165–182.
10. Folahanmi T. Akinsolu, Olunike R. Abodunrin, Mobolaji T. Olagunju, Ifeoluwa E. Adewole, Oluwabukola M. Ola, Chukwuemeka Abel, Rukayat Sanni-Adeniyi, Nurudeen O. Rahman, Olukunmi O. Akanni, Diana W. Njuguna, Islamiat Y. Soneye, Abideen O. Salako, Oliver C. Ezechi, Orsolya E. Varga and **Olaoluwa P. Akinwale** (2024). Health workers' perspectives on school-based mass drug administration control programs for soiltransmitted helminthiasis and schistosomiasis in Ogun State, Nigeria. PLoS ONE 19(5): e0302509. <https://doi.org/10.1371/journal.pone.0302509>.
11. Eneyi E Kpokiri, Kamryn McDonald, Yoseph Gebreyohannes Abraha, Lyda Osorio, Tilak Chandra Nath, Victor A Talavera-Urdanivia, **Olaoluwa Pheabian Akinwale**, Yukari Carol Manabe, Barbara Castelnuevo, Weiming Tang, Daniel Yilma, Michael Mihut, Oliver Ezechi, Juliet Iwelunmor, Mirgissa Kaba, Alemseged Abdissa, Joseph D Tucker (2024). Health research mentorship in low-income and middle-income countries: a global qualitative evidence synthesis of data from a crowdsourcing open call and scoping review: BMJ Global Health 2024;9:e011166. <https://doi.org/10.1136/bmjgh-2022-011166>.
12. Folahanmi Tomiwa Akinsolu, Olunike Abodunrin, Mobolaji Olagunju, Ifeoluwa E. Adewole, Nurudeen Rahman, Anita Dabar, Diana W. Njuguna, Islamiat Y. Shoneye, Orsolya Varga, Oliver C. Ezechi, **Olaoluwa P. Akinwale** (2023). Community perception of school-based mass drug administration program for soil-transmitted helminths and Schistosomiasis in Ogun State, Nigeria. PLOS Neglected Tropical Diseases. <https://doi.org/10.1371/journal.pntd.0011213>.
13. Mohd Nur Fakhruzzaman Noorizhab, Norzuliana Zainal Abidin, Lay Kek Teha, Wai Feng Lim, Thean Hock Tang, Nneka Onyejepu, Chioma Kunle-Ope, Nwanneka E. Tochukwu, Michael A. Sheshi, Timothy Nwafor, **Olaoluwa P. Akinwale**, Ahmad Izuanuddin Ismail, Norazmi Mohd Nor, Mohd Zaki Salleh (2023). Exploration of the Diversity of Multi-drug Resistant *Mycobacterium tuberculosis* Complex in Nigeria using WGS: Distribution of Lineages, Drug Resistance Patterns and Genetic Mutations. Tuberculosis (Elsevier) Journal. <https://doi.org/10.1016/j.tube.2023.102343>.
14. Adedotun Ayodeji Bayegun, Olaitan Olamide Omitola, Uche Cynthia Umunnakwe, Adedayo Foluke Akande, **Olaoluwa P. Akinwale**, Hammed Oladeji Mogaji, Kehinde O. Ademolu, Pam Vincent Gyang, Nnayerere Simon Odoemene, Russell John Stothard, Uwem Friday Ekpo (2022). Morphometric analysis of

Schistosome eggs recovered from human urines in communities along the shoreline of Oyan Dam in Ogun State, Nigeria. *Journal of Helminthology*. Doi: 10.1017/S0022149X22000815.

15. Marion E, Hycenth N, Vedithi SC, Robbe-Saule M, Donkeng V, Ganlonon LM, Dissou A, Ngazoa SK, Kabedi MJ, Mabika Mabika A, Phillips R, Frimpong M, Yeboah-Manu D, Walker VY, **Akinwale O**, Issaka M, Bretzel G, Asiedu K, Eyangoh S. (2022). A combined effort of 11 laboratories in the WHO African region to improve quality of Buruli ulcer PCR diagnosis: The "BU-LABNET". *PLOS Neglected Tropical Diseases*. DOI: 10.1371/journal.pntd.0010908.
16. **Akinwale, O. P.**, Emmanuel, R. T., Ajiboso, I. K., and Tokun, O. (2022). Barriers and Facilitators to Career Advancement of Women in Infectious Diseases of Poverty Research in Nigeria. *Journal of Gender, Culture and Society*, 2(2), 20–23. <https://doi.org/10.32996/jgcs.2022.2.2.3>
17. Adeneye AK, **Akinwale OP**, Ezeugwu SMC, Olukosi YA, Adewale B, Sulyman MA, Okwuzu J, Mafe MA, Gyang PV, Soyinka FO, Nwafor T, Henry UE, Musa BD, Adelokiki AO, Bisiriyu AH and Idowu FK (2022). Knowledge and Perception of Buruli ulcer in Communities of Two Endemic Local Government Areas of Ogun State, Nigeria. *Annals of Public Health and Epidemiology*. DOI: 10.33552/APHE.2022.02.000526.
18. Oke AA, Komolafe I, **Akinwale OP**, Oni ES, Mohammed F, and Oke AJ. (2022). Molecular detection of *Mycobacterium ulcerans* strains in Nigeria. *Pathology in Practice* Vol. 23. No. 5: 42-45.
19. Ugbomoiko US, Kareem II, Awe DO, Babamale AO, Gyang PV, Nwafor TE, **Akinwale OP**. (2022). Characterization of freshwater snail intermediate hosts of schistosomes in four communities from Osun State, Southwest Nigeria. *One Health Implement Research* 2:88-95. [Http://dx.doi.org/10.20517/ohir.2022.05](http://dx.doi.org/10.20517/ohir.2022.05).
20. Olaniran Olarinde, Oluyomi A. Sowemimo, Ting-Wu Chuang, Chia-Mei Chou, Segun O. Olasanmi, Kemisola Ikotun, **Olaoluwa P. Akinwale**, Vincent P. Gyang, Timothy Nwafor, Adeola Y. Olukosi, Jer-Hwa Chang & Chia-Kwung Fan (2022) *Toxoplasma gondii* infection: seroprevalence and associated risk factors for women of childbearing age in Osun State, Nigeria, *Pathogens and Global Health*, 116:1, 59-65, DOI: 10.1080/20477724.2021.1949193.
21. Susan I. Alexander, Timothy S. Nwafor, Pam V. Gyang, Emmanuel T. Idowu, **Olaoluwa P. Akinwale** (2021). Prevalence of Urogenital Schistosomiasis and its Implication on Control Efforts among School Pupils in Ogun State, Southwest Nigeria. *Pan African Journal of Life Sciences* Vol. 5. No. 3: 335-341. DOI: 10.36108/pajols/1202.50.0350.
22. **Olaoluwa Pheabian Akinwale**, Pam Vincent Gyang and Morakinyo Bankole Ajayi (2021). Microsatellite (D9S905) instability in two urogenital schistosomiasis patients with abnormal squamous cells in the urine. *Pan African Journal of Life Sciences* Vol. 5. No. 3: 329-334. DOI: 10.36108/pajols/1202.50.0340.
23. Vincent P. Gyang, Timothy Nwafor, Susan I. Alexander, Adewale Oke, **Olaoluwa P. Akinwale** (2021). Diagnosis of Buruli ulcer disease in Nigeria using IS2404-Based Nested PCR. *Pan African Journal of Life Sciences* Vol. 5. No. 1: 181-187. DOI: 10.36108/pajols/1202/50.0120.
24. Ikotun, K., Sowemimo, O., Chou, C.M., Ajenifuja, K., Chuang, T.W., Asaolu, S., **Akinwale, O.**, Gyang, V., Nwafor, T., Henry, E. and Fan, C.K. (2020). High seroprevalence of Toxocara antibodies in pregnant women attending antenatal clinic at a university hospital in Ile-Ife, Nigeria. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. <https://doi.org/10.1093/trstmh/trz116>.

25. Oke, A., Komolafe, I., Akinwale, O., Gyang, P., Henry, E. and Nwafor, T. (2020). *Mycobacterium ulcerans* Infection (Buruli ulcer) in Southwest Nigeria. *Journal of Microbiology and Infectious Diseases*, 10 (02), 82-88. DOI: 10.5799/jmid.748699.
26. Ogochukwu C. Okeke, **Olaoluwa P. Akinwale**, Patience O. Ubachukwu, Pam V. Gyang, Emmanuel U. Henry, Timothy E. Nwafor, Bilkisu M. Daniel, Sowechi E. Ebi, Chioma O. Anorue, Christian O. Chukwuka, Mann S. Dido. (2019). Report of high prevalence of schistosome infection in *Biomphalaria* snails from a geographic area with no previous prevalence of human schistosomiasis in Nigeria. *Acta Tropica*, <https://doi.org/10.1016/j.actatropica.2019.105326>. Epub 2019 Dec 28.
27. Oke, A.A., Komolafe, I.O., **Akinwale, O.P.**, Gyang, P.V., Henry, E.U. and Nwafor, T.E. (2019). *Mycobacterium ulcerans* insertion sequence IS2404 transposase gene, partial cds. <https://www.ncbi.nlm.nih.gov/popset/1839358666?report=genbank>.
28. Ezech, C.O., Onyekwelu, K.C., **Akinwale, O.P.**, Shan. L., and Wei, H. (2019). Urinary schistosomiasis in Nigeria: a 50-year review of prevalence, distribution and disease burden. *Parasite*. Vol. 26. No. 19: <https://doi.org/10.1051/parasite/2019020>.
29. Gyang, P.V., Chuang, T.W., Liao, C.W., Lee, Y.L., **Akinwale, O.P.**, Orok, A., Ajibaye, O., Ajayi J.B., Cheng, P.C., Chou, C.M., Huang, Y.C., Sonko, P. and Fan, C.K. (2019). Intestinal parasitic infections: current status and associated risk factors among school-aged children in an archetypal African urban slum in Nigeria. *Journal of Microbiology, Immunology and Infection* Vol. 52: 106-113. <https://doi.org/10.1016/j.jmii.2016.09.005>.
30. **Akinwale O. Pheabian**. My Lab: Molecular Parasitology Research. The Biomedical Scientist, December 2019: 50.
31. Oke, A.A., Komolafe, I.O., David, A.N. and **Akinwale, O.P.** (2019). Buruli ulcer and HIV co-infection in a Nigerian woman on antiretroviral therapy. *International Journal of Case Reports and Images* Vol. 10: 1-4. DOI: 10.5348/100994Z01AA2019CR.
32. Sunday, O.J., Ugbomoiko, U.S., **Akinwale, O.P.**, Babamale, A.O., Gyang, P.V., Henry, E.U. and Nwafor, T.E. (2019). *Bulinus truncatus* internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence. <https://www.ncbi.nlm.nih.gov/popset/1566171293?report=genbank>.
33. **Olaoluwa Pheabian Akinwale** (2018). Urban Slums in Nigeria: Ensuring Healthy Living Conditions. URBANET. <https://www.urbanet.info/nigeria-lagos-slums-urban-health>.
34. Oke A., Akinola, B., Komolafe, I., **Akinwale, O.** and Olaopa, J. (2018). Buruli ulcer disease in a diabetic patient. *IOSR Journal of Dental and Medical Sciences* Vol. 17. No. 12: 79-80. DOI 10.9790/0853-1712077980.
35. Sowemimo, O.A., Wu, T.H., Lee, Y.L., Asaolu, S.O., Chuang, T.W., **Akinwale, O.P.**, Badejoko, B.O., Gyang, V.P., Nwafor, T., Henry, E. and Fan, C.K. (2018). *Toxoplasma gondii*: seroprevalence and associated risk factors among preschool-aged children in Osun State, Nigeria. *Transactions of The Royal Society of Tropical Medicine and Hygiene* try083, <https://doi.org/10.1093/trstmh/try083>.
36. OKE, A.A., KOMOLAFE, I.O., **AKINWALE, O.**, GYANG, P., HENRY, E. and NWAFOR, T. (2018). Index Cases of Buruli ulcer Disease in Three States of South-West, Nigeria – A Preliminary Study. *IOSR Journal of Pharmacy and Biological Sciences* Vol. 13. No. 2: 51-56. DOI: 10.9790/3008-1302055156.

37. Okeke, O.C., **Akinwale, O.P.**, Ubachukwu, O.P., Gyang, P.V., Henry, E.U., Nwafor, T.E., Daniel, B.M., Sowechi, E., Anorue, C.O., Chukwuka, C.O. and Dido, S.M. (2018). *Biomphalaria pfeifferi* 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence  
<https://www.ncbi.nlm.nih.gov/popset/1230837206?report=genbank>.
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## CONTRIBUTION TO BOOKS

1. First meeting of the network on Buruli ulcer PCR laboratories in the WHO African Region, Centre Pasteur du Cameroun, Yaoundé, Cameroon, 21-24 October 2019. Geneva: World Health Organization; 2020. ISBN: 978 92 4 000665 2. Licence: CC BY-NC-SA 3.0 IGO.

2. Health research mentorship in low- and middle-income countries (HERMES): A TDR Global practical guide to spur mentorship institutionalization. Geneva: World Health Organization; 2022. ISBN: 978-92-4-005867-5. Licence: CC BY-NC-SA 3.0 IGO.

## RECENTLY SUBMITTED MANUSCRIPTS FOR PUBLICATIONS

1. Rotimi Samuel Owolabi, Folahanmi Akinsolu, Pam Vincent Gyang, **Olaoluwa Pheabian Akinwale**. Burden of Neglected Tropical Diseases (NTDs) in Sub-Saharan Africa: A Systematic Review and Meta-analysis Protocol. BMC Systematic Reviews.
2. Vincent Pam Gyang, Timothy Nwafor Ejike, Oluwatamilola Victoria Tokun, Joseph Jonathan, Adedotun Bayegun, Maryam Patrobas, Jacob Babasola Ajayi, Conor Caffrey, **Olaoluwa Pheabian Akinwale**. Evaluation of the point of care circulating cathodic antigen (POC-CCA) assay with Kato Katz (KK) and polymerase chain reaction (PCR) in diagnosis of *Schistosoma mansoni* infection. Revista da Sociedade Brasileira de Medicina Tropical.

## MANUSCRIPT IN PREPARATION

1. Kpokiri, E. Eneyi *et al.* Increasing gender equity and inclusivity in research mentorship in LMICs: Findings from a global crowdsourcing open call and scoping review.

## CONFERENCE PAPERS AND INVITED LECTURES

1. **Akinwale Olaoluwa Pheabian**. The burden of soil-transmitted helminths in Nigeria, control efforts and areas of research collaboration. Invited Lecture. The University of Cambridge, Cambridge, United Kingdom. October 4, 2023.
2. **Akinwale Olaoluwa Pheabian**. Ethical Issues in Research. A Two-Week National Capacity Building Workshop on Black Fly Entomology. Osun State University, Osogbo, Nigeria. August 21, 2023.
3. Alemseged Abdissa, Yoseph Gebreyohannes Abraha, **Olaoluwa Pheabian Akinwale**, Barbara Castelnuovo, Alejandra Chamorro, Noah Fongwen, Franklin Glozah, Andres Jaramillo, Mirgissa Kaba, Fiona Kennedy, Eneyi Kpokiri, Zewdie Birhanu Koricha, Qinyi Liu, Yuka Manabe, Kamryn McDonald, Maria Isabel Echavarria Mejia, Tilak Chandra Nath, Lyda Osorio, Simon Rayner, Victor Talavera-Urdanivia, Weiming Tang, Joseph Tucker, Delenasaw Yewhalaw, Daniel Yilma. HEalth Research MEntorship in Low and Middle-Income CountrieS (HERMES): A TDR global practical guide to enhance research mentorship. The Nigerian Institute of Medical Research International Conference on Health Advances, Innovation and Research (ICHAIR), Lagos, Nigeria. November 8-10, 2022.
4. **Akinwale Olaoluwa Pheabian**, Gyang Pam Vincent and Ajayi Morakinyo Bankole. Microsatellite (D9S905) instability in two urogenital schistosomiasis patients with abnormal squamous cells in the urine. Parasitology and Public Health Society 46th Annual National Conference, Delta State University, Abraka, Delta State, Nigeria. October 4-7, 2022.
5. **Akinwale Olaoluwa Pheabian**. Control of Neglected Tropical Diseases Pre and During Covid-19 Pandemic: The Nigerian Experience. Invited Lecture. Advanced Medical and Dental Institute, Universiti Sains Malaysia, Penang, Malaysia. March 18, 2022.
6. **Olaoluwa Pheabian Akinwale**. Neglected Tropical Diseases: Causes, Prevention, Treatment and Global Targets. Invited Lecture. Department of Public Health and Epidemiology, Faculty of Medicine, University of Debrecen, Hungary October 2, 2019.
7. Adebayo Peters, Meka Anthony, Anyim Moses and **Akinwale Pheabian**. Buruli ulcer in Nigeria. The journey so far (May 2012 – Dec 2016). WHO BU meeting, Geneva, Switzerland. March 20-22, 2017.

8. Katharina Röltgen, Jean-Pierre Dangy, Nicole Scherr, Marie-Thérèse Ruf, Anita Dreyer, **Pheabian Akinwale**, Isra Cruz, Joseph M. Ndung'u and Gerd Pluschke. Update on the development of a rapid diagnostic test for Buruli ulcer. WHO BU meeting, Geneva, Switzerland. March 20-22, 2017.
9. **Olaoluwa Pheabian Akinwale**. *Schistosoma haematobium* Transmission in Nigeria: A Molecular Approach. Symposium for International Research and Innovations in Schistosomiasis (SIRIS). Washington DC, USA, February 3 - 4, 2016.
10. **Olaoluwa P. Akinwale**. From Parasites to Parasites: A Parasitologist's Expedition. Distinguished Lecture Series. Nigerian Institute of Medical Research 6<sup>th</sup> Annual Scientific Conference, Lagos, Nigeria. November 10-12, 2015.
11. **Olaoluwa P. Akinwale**, Tang T. Hock, Fan Chia-Kwung, Qi Zheng, Shen Haimo, Charles Ezech, and Pam V Gyang. Differentiating *Schistosoma haematobium* from *Schistosoma magrebowiei* and other closely related schistosomes by polymerase chain reaction amplification of a species-specific mitochondrial gene. The Gordon Research Conference: Tropical Infectious Diseases, Challenges, Opportunities and Successes. Galveston, Texas, USA. March 8-13, 2015.
12. **Akinwale, O. P.**, Mafe, M. A., Ezeugwu, S. M. C., Olukosi, Y. A., Adewale, B., Sulyman, M. A., Adeneye, A. K., Okwuzu, J., Gyang, P. V. and Ujah, I. A. O. Risk assessment of Buruli ulcer in Ogun state, Nigeria. Nigerian Institute of Medical Research 5<sup>th</sup> annual scientific conference, Abuja, Nigeria. November 11-13, 2014.
13. Pam V Gyang, **Olaoluwa P Akinwale**, Fan Chia-Kwung, Yueh-Lun Lee, Ting-Wu Chuang, Akwaowo B Orok, Olusola Ajibaye, Chien-Wei Liao, Po-Ching Chen, Chia-Mei Chou and Ying-Chie Huang. Seroprevalence, disease awareness, and risk factors for *Toxocara canis* infection among primary school children in Makoko an urban slum community in Nigeria. 13<sup>th</sup> Asian –Pacific Congress for Parasitic Zoonoses, Taipei Medical University, Taiwan, November 29-30, 2014.
14. Obaseki, D. E., Iyawe, D. U., Obahiagbon, I. **Akinwale, O. P.** Report of the first case of fatal granulomatous amoebic encephalitis in Nigeria by polymerase chain reaction (PCR). Nigerian Medical Association 54<sup>th</sup> Annual General Meeting and Scientific Session, Benin City, Nigeria. April 27 - May 3, 2014.
15. **Olaoluwa Pheabian Akinwale**. Neglected tropical diseases common to Nigeria and Taiwan: Areas of research opportunities. College of Medicine, Taipei Medical University, Taiwan. December 6, 2011.
16. **Akinwale, O. P.**, Adeneye, A. K., Oyefara, J. O., Adejoh, P. E., Musa, Z. A., Oyediji, K. S. O., Sulyman, M. A., and Adeneye, A. A. Non-communicable diseases and preventable lifestyle risk factors in three Nigerian urban slums. Tenth International Conference on Urban Health, Belo Horizonte, Brazil. November 1 – 4, 2011.
17. **O. P. Akinwale**, V. N. Akpunonu, M. B. Ajayi, D. O. Akande, M. A. Adeleke, P. V. Gyang, M. O. Adebayo and A. A. Dike. Urinary schistosomiasis transmission in Epe, an urban community in southwest Nigeria. Ninth International Conference on Urban Health, New York, NY, USA. October 27 - 29, 2010.
18. **Akinwale, O. P.**, Laurent, T., Mertens, P., Leclipteux, T., Rollinson, D., Kane, R., Emery, A., Ajayi, M. B., Akande, D. O. Fesobi, T. W. Detection of schistosomes PCR amplified DNA by oligochromatographic dipstick. Twelfth International Congress of Parasitology (ICOPA XII), Melbourne, Australia. August 15 – 20, 2010.
19. **Akinwale, O. P.**, Adeneye, A. K., Omotola, B. D., Manafa, O. U., Idowu, E. T., Adewale, B., Sulyman, M. A. and Akande, D. O. Parental perception and practices on sexual health communication with their

children in Lagos, Nigeria. The 8<sup>th</sup> International Conference on Urban Health, Nairobi, Kenya, August 2009.

20. **Akinwale, O. P.**, Adeneye, A. K., Sulyman, M. A., Idowu, E. T., Adewale, B., Manafa, O. U. and Mafe, M. A. Health care seeking behaviour of people in schistosomiasis endemic communities of Ogun and Niger states, Nigeria. The 13<sup>th</sup> International Conference of Women Engineers and Scientists (ICWES13), Seoul, Korea, November 2005.
21. **Akinwale, O. P.**, Nock, I. H., Esievo, K. A. N. and Olukosi, Y. A. Treatment failure in experimental *Trypanosoma vivax* infection of Sahel goats. COST B22 Congress: Drug development for parasitic diseases. Antwerp, Belgium, November 2004.
22. Mafe, M. A., Appelt, B., Adewale, B., Idowu, E. T., **Akinwale, O. P.**, Adeneye, A. K., Manafa, O. U., Sulyman, M. A., Akande, D. O. and Omotola, B. D. Praziquantel delivery in mass treatment of schistosomiasis. Nigerian Society for Parasitology 27<sup>th</sup> Annual National Conference, Lagos, Nigeria, 2003.
23. Woghiren, E. O., Adeoye, G. O. and **Akinwale, O. P.** Epidemiological survey of malaria and Loiasis among herdsmen at Oko Oba abattoir, Lagos State. The Nigerian Society for Parasitology 27<sup>th</sup> Annual National Conference, Lagos, Nigeria, 2003.
24. Adeneye, A. K., **Akinwale, O. P.**, Idowu, E. T., Adewale, B., Manafa, O. U., Sulyman, M. A., Omotola, B. D., Akande, D. O., Mafe, M. A. and Appelt, B. Social aspects of drug delivery in schistosomiasis control: The Abeokuta experience. The Nigerian Society for Parasitology 27<sup>th</sup> Annual National Conference, Abuja, Nigeria, 2002.
25. Mafe, M. A., Appelt, E., Mohammed, H., Adedoyin, J. A., Omojola, A., **Akinwale, O. P.**, Manafa, O. U., Adewale, B., Idowu, E. T., and Sulyman, M. A. Urinary schistosomiasis in Niger state. The Nigerian Society for Parasitology 26<sup>th</sup> Annual National Conference, Abuja, Nigeria, 2002.
26. Omotola, B. D., Manafa, O. U., **Akinwale, O. P.**, Idowu, E. T., Sulyman, M., Adeneye, A. K., Akande, D. O. and Mafe, M. A. Comparative anthropometric characteristics of school-aged children infected with schistosomiasis in selected communities in Ogun state, Nigeria. Nutrition Society of Nigeria book of abstract, 2002.
27. **Akinwale, O. P.** Immunology of African trypanosomiasis. The Nigerian Society for Immunology book of abstract, 2000.
28. **Akinwale, O. P.**, Nock, H.I. and Esievo, K.A.N. Free serum sialic acid concentrations in Red Sokoto, Sahel and West African dwarf goats experimentally infected with *Trypanosoma vivax*. The Nigerian Society for Parasitology 23<sup>rd</sup> Annual National Conference, Abubakar Tafawa Balewa University, Bauchi, Nigeria, 1999.
29. **Akinwale, O. P.** and Ashaolu, S. O. (1991). The life cycle of *Cyclopodia greeffi* (Karsch), an ectoparasite of the fruit bat *Eidolon helvum* (Kerr). The Nigerian Society for Parasitology 15<sup>th</sup> Annual National Conference, Obafemi Awolowo University, Ile-Ife, Nigeria.
30. **Akinwale, O. P.** and Ashaolu, S. O. The parasitological adaptation of *Cyclopodia greeffi* (Karsch), an ectoparasite of the fruit bat *Eidolon helvum* (Kerr). The Nigerian Society for Parasitology 14<sup>th</sup> Annual National Conference, Bayero University, Kano, Nigeria, 1990.
31. Edeghere, H. U. F, Falope, O. O, Lawani, F. A. G, Elhassan, E. O, Omotainse, S. O, Abenga, J., Osue, H. O, Sanda, S. A. U, **Akinwale, O. P.**, Uduebho, M. O. and Ikenga, M. A. Effects of chemotherapy on

reproductive lesions in Nigerian (Yankassa) sheep experimentally infected with *Trypanosoma brucei brucei*, *Trypanosoma congolense* and *Trypanosoma vivax*. International Foundation for Science Project B-1130 report, 1990.

## **CONFERENCES, TRAINING, WORKSHOPS, AND SCIENTIFIC MEETINGS ATTENDED/FACILITATED**

1. Cambridge-Africa ALBORADA Research Fund-sponsored Bioinformatics Training Workshop for early career researchers, the Nigerian Institute of Medical Research, Lagos, Nigeria, July 30-August 1, 2025.
2. International Conference on Neglected Tropical Diseases Research (InCORNTD). January 20-22, 2025. Kigali Convention Centre, Kigali, Rwanda.
3. Seventeenth Meeting of the World Health Organization Strategic and Technical Advisory Group for Neglected Tropical Diseases (STAG-NTDs). December 5-6, 2024. World Health Organization, Geneva, Switzerland.
4. Royal Society of Tropical Medicine and Hygiene Annual Meeting 2024. Coin Street Conference Centre, 108 Stamford Street, London, UK. October 8–11, 2024.
5. Royal Society of Tropical Medicine and Hygiene Regional Meeting 2024 - West Africa. The Nigerian Institute of Medical Research, Lagos, Nigeria. July 30, 2024.
6. Royal Society of Tropical Medicine and Hygiene Research in Progress, West Africa. The Nigerian Institute of Medical Research, Lagos, Nigeria. July 31, 2024.
7. Project Preparation Workshop, German Research Foundation (Deutsche Forschungsgemeinschaft) DFG. Eduardo Mondlane University, Maputo, Mozambique. May 7–11, 2024.
8. International Women's Day: Royal Society of Tropical Medicine and Hygiene Panel Discussion (Virtual). March 7, 2024.
9. NIMR-Delta State Training Workshop on Grantsmanship and Mentorship: Resource Mobilization and Proposal Writing Training Course. Conference Hall, 6th Floor, Prof. Chike Edozien Secretariat Building, Mariam Babangida Way, Asaba, Delta State, Nigeria. February 20-23, 2024.
10. Fifth Annual General Meeting of the Network of Buruli ulcer PCR Laboratories (BU-LABNET) in the WHO African Region, Noguchi Memorial Institute for Medical Research, University of Ghana, Accra, Ghana. October 23-25, 2023.
11. Parasitology and Public Health Society 47th Annual National Conference, Owerri, Imo State, Nigeria. October 11-14, 2023.
12. Royal Society of Tropical Medicine and Hygiene Annual Meeting 2023: Tropical Medicine and Global Health: Priorities for the Next Five Years. Conway Hall, London, UK. September 28-29, 2023.
13. Meeting (Virtual) of the Portfolio Advisory Panel, Global Health Innovative Technology (GHIT) Fund, Japan, September 19, 2023.
14. Validation Workshop on the Inclusion of Women's and Girls' Voices in Health Research and Development in Nigeria. Abuja. July 25, 2023.
15. The END FUND Ending the Neglect Webinar: Investing in Eliminating NTDs in Nigeria by 2030 - Why Nigeria Should Act Now. May 9, 2023.
16. Parasitology and Public Health Society of Nigeria Meeting (Virtual) 2<sup>nd</sup> Edition. PPSN Legacies – Advances Made by Early Career Members in their Respective Fields. April 26, 2023.
17. Project Preparation Workshop, German Research Foundation (Deutsche Forschungsgemeinschaft) DFG. Berlin, Germany. March 3–5, 2023.
18. Status Workshop “Public Health”, German Research Foundation (Deutsche Forschungsgemeinschaft) DFG Bonn, Germany. March 29–31, 2023.
19. USAID Pre-Notification of Funding Opportunity (pre-NOFO) Virtual Conference on Ending Neglected Diseases Through Operational Research (ENDOR). March 14-15, 2023.
20. Nigerian Institute of Medical Research International Conference on Health Advances, Innovation and Research (ICHAIR), Lagos, Nigeria. November 8-10, 2022.
21. Two-day Workshop on the Art and Practice of System Integrity in Public Institutions as a Catalyst for Good Leadership, Ethical Conduct, and Revenue Generation. Nigerian Institute of Medical Research, Yaba, Lagos. November 22-23, 2022.



22. Fourth Annual General Meeting of the Network of Buruli ulcer PCR Laboratories (BU-LABNET) in the WHO African Region, Centre Pasteur, Yaoundé, Cameroon. October 24-26, 2022.
23. Royal Society of Tropical Medicine and Hygiene Annual Meeting 2022: Topical Issues in Malaria and Resistance. Museum of Liverpool, Liverpool, UK. October 11-12, 2022.
24. Parasitology and Public Health Society 46th Annual Conference, Delta State University, Abraka, Delta State, Nigeria. October 4-7, 2022.
25. WHO Strategic and Technical Advisory Group Meeting (Virtual) for Neglected Tropical Diseases (STAG-NTDs), WHO headquarters, Geneva, Switzerland. September 27-28, 2022
26. Visit of Nigerian Institute of Medical Research Management Staff to the Medical Research Council, London School of Hygiene and Tropical Medicine, Banjul, The Gambia. September 19-22, 2022.
27. Armauer Hansen Research Institute and TDR Global Institutional Research Mentorship Development Conference, Addis Ababa, Ethiopia, June 22-24, 2022.
28. The Organization for Women in Science for the Developing World (OWSD) 6th General Assembly and International Conference OWSD Secretariat, Trieste, Italy, virtual conference November 8-19, 2021.
29. Nigerian Institute of Medical Research International Conference on Health Advances, Innovation and Research (ICHAIR): Lagos, Nigeria. November 8-10, 2021.
30. Training Workshop on Freedom of Information Act for Senior Management Committee Members and Heads of Unit. NIMR Lagos, Nigeria. November 2, 2021.
31. Tenth EDCTP Forum (virtual): Equity in Research for Health. October 17-21, 2021.
32. Royal Society of Tropical Medicine and Hygiene Annual Meeting (virtual) on drug-resistant infections: causes, consequences, and considerations. October 11-12, 2021.
33. Ninety-sixth annual meeting (virtual) of the American Society of Parasitologists. July 26-27, 2021.
34. BU/NTDs Stakeholders Pre-Implementation Meeting: Combating Buruli ulcer and Selected Endemic Skin NTDs in Nigeria, April 19-20, 2021.
35. Nigerian Institute of Medical Research 7<sup>th</sup> International Scientific Conference, Lagos, Nigeria: Research in the Era of the COVID-19 Pandemic. November 17-18, 2020.
36. EDCTP Network meeting. Africa CDC, Africa Union Headquarters, Addis Ababa, Ethiopia, November 19-20, 2019.
37. Nigerian Institute of Medical Research 6<sup>th</sup> International Scientific Conference, Lagos, Nigeria: One Health and Global Health Security: Need for NIMR to be Proactive through Health Research. November 12-14, 2019.
38. First Annual General Meeting of the Network of Buruli ulcer PCR Laboratories (BU-LABNET) in the WHO African Region, Centre Pasteur, Yaoundé, Cameroon, October 21-24, 2019.
39. First Meeting of Lagos State Advisory Committee on Neglected Tropical Diseases (LA-SACON). Lagos, Nigeria, May 23-25, 2019.
40. WHO Meeting on Buruli ulcer. Geneva, Switzerland, March 25–27, 2019.
41. Train the Trainer and Curriculum Development Workshop on Grantsmanship and Mentorship Programme. Lagos, Nigeria. January 29 – 31, 2019.
42. World Health Organization/TDR MOOC Training on Implementation Research with a focus on Infectious Diseases of Poverty. October to December 2018.
43. Annual General Meeting of the Royal Society of Tropical Medicine and Hygiene (RSTMH), Royal College of Physicians, London, UK, September 19 - 20, 2018.
44. National Health Research Capacity Strengthening Workshop. Abuja, Nigeria, September 6 - 7, 2018.
45. WHO Meeting on Buruli ulcer. Geneva, Switzerland, March 20 – 22, 2017.
46. Symposium for International Research and Innovations in Schistosomiasis (SIRIS). Washington DC, USA, February 3 - 4, 2016.
47. Fifth Grantees and 3rd African Research Network for Neglected Tropical Diseases (ARNTD) General Assembly Meeting. Blantyre, Malawi, November 17 - 19, 2015.
48. Nigerian Institute of Medical Research 6<sup>th</sup> Annual Scientific Conference, Lagos, Nigeria. November 10-12, 2015.
49. World Intellectual Property Organization (WIPO) Re: Search Global Health Meetings. Geneva, Switzerland. October 27 -30, 2015.

50. Control strategies for infectious and non-communicable diseases. KIT Royal Tropical Institute, Amsterdam, the Netherlands. May 18 -June 10, 2015.
51. Gordon Research Conference on Tropical Infectious Diseases, March 8 -13, 2015, Galveston, Texas, USA.
52. World Intellectual Property Organization Re: Search Annual Meeting. New York, USA. November 6, 2014.
53. Intellectual Property Management in Research and Development Workshop, New York, USA. November 4 - 5, 2014.
54. Fourth Grantees and 2nd African Research Network for Neglected Tropical Diseases (ARNTD) General Assembly Meeting. Hamburg, Germany. October 20 - 23, 2014.
55. Research visit to Universiti Sains Malaysia (USM), Malaysia. September - December 2012.
56. Nigerian Cochrane Contributors' Meeting/GRADEPro Workshop. Calabar, Nigeria. July 9 – 11, 2012.
57. Tenth International Conference on Urban Health (ICUH 10), Belo Horizonte, Brazil, November 1 - 4, 2011.
58. Ninth International Conference on Urban Health (ICUH 9), New York, USA, October 24 – 26, 2010.
59. International Congress of Parasitology (ICOPA XII), Melbourne, Australia, August 15 – 20, 2010.
60. Role and Function of a Comprehensive National Public Health Institute, Helsinki, Finland, June 7–11, 2010.
61. Monitoring and Evaluation Workshop, Nairobi, Kenya, October 21 – 22, 2009.
62. Eighth International Conference on Urban Health (ICUH 8), Nairobi, Kenya, October 18 – 23, 2009.
63. Research visit to the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum, London, UK. June – July 2009.
64. Advanced Methods for Phylogenetic Analysis of Molecular Sequences Course, Rio de Janeiro, Brazil. March 2009.
65. Research visit to the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum, London, UK. June - August 2008.
66. In-house Management Training Workshop for Heads of Divisions and senior staff of the Nigerian Institute of Medical Research. November 2007.
67. Working with Human Genome Sequences workshop. KEMRI - Wellcome Trust, Kilifi, Kenya. October 2007.
68. Linnean Society of London symposium on Natural History of Host-Parasite Interactions. Linnean House, London, UK. September 2007.
69. Research training at the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum, London, UK. September – October 2007.
70. Bioinformatics and Comparative Genome Analysis Course. Institute Pasteur of Tunis, Tunisia. March – April 2007.
71. New England Biolabs 21<sup>st</sup> Summer Workshop in Molecular Biology. Clark Science Center, Smith College, Northampton, Massachusetts, USA. July – August 2006.
72. Research/Training at the Laboratório de Imunologia Celular e Molecular, Centro de Pesquisas René Rachou, Fundação Oswaldo Cruz, FIOCRUZ. Belo Horizonte, MG, Brazil. March – April 2006.
73. UNICEF/UNDP/World Bank/WHO/TDR Fifth Workshop on South-South Collaboration and Application of Molecular Biology Techniques in Tropical Diseases, Bangkok, Thailand. October 2005.
74. UNICEF/UNDP/World Bank/WHO/TDR Training on Effective Project Planning and Evaluation in Biomedical Research. Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. October 2005.
75. Thirteenth International Conference of Women Engineers and Scientists. Seoul, Korea. August 2005.
76. Research Methods Course in Sexual and Reproductive Health and HIV. University of the Witwatersrand, Johannesburg, South Africa. July – August 2005.
77. COST B22 Congress: Drug development for parasitic diseases. Antwerp, Belgium. November 2004.
78. Filaria/Schistosome Genome Network Joint Meeting. NIAID, Rockville, Maryland, USA. August 2004.
79. Research training in molecular biology techniques. Biomedical Parasitology Division, Department of Zoology, Natural History Museum, London, UK. November – December 2003.
80. British Society for Parasitology Autumn Symposium. The application of genomic technology to combat parasitic disease. Piccadilly, London, UK. November 2003.
81. Filaria/Schistosome Genome Network Joint Meeting. Belo Horizonte, Minas Gerais, Brazil. August 2003.

82. Nigerian Society for Parasitology 26<sup>th</sup> Annual National Conference, Abuja, Nigeria, October 2002.
83. Nigerian Society for Parasitology (Lagos) Symposium on the Control of Parasitic Diseases through Environmental Management, Lagos, Nigeria, November 2001.
84. Community Health Information Education Forum workshop on The Impact of Information and Education on Community Health, Lagos, Nigeria, August 2001.
85. Monitoring and Evaluation of Adolescent Reproductive Health Programs training workshop. Sponsored by FOCUS, USA. Abuja, Nigeria, February 2001
86. Workshop on enhancing the decision-making process in Lagos State civil service through Geographic Information System (GIS) Technology. Sponsored by The Lagos State Government, Lagos, Nigeria, March 2000.
87. Introduction to Geographic Information System (GIS) and its use in the Epidemiological survey of Tropical Diseases. Sponsored by The German Technical Group (GTZ), Lagos, Nigeria, February – March 2000.
88. Nigerian Society for Immunology National Scientific Conference on Update on HIV/AIDS and Opportunistic Infections, Lagos, Nigeria, November 2000.
89. WHO/ Federal Ministry of Health Advocacy Seminar on Male Involvement/Participation in Reproductive Health, Lagos, Nigeria, November 1999.
90. Nigerian Society for Parasitology (Lagos / Ogun branch). Seminar on Current trends in the control of parasitic diseases. Lagos, Nigeria, September 1999.
91. Nigerian Society for Parasitology 15<sup>th</sup> Annual National Conference, Obafemi Awolowo University, Ile-Ife, Nigeria. September 1991.
92. Nigerian Society for Parasitology 14<sup>th</sup> Annual National Conference, Bayero University, Kano, Nigeria, September 1990.

#### **NATIONAL AND INTERNATIONAL RESEARCH COLLABORATIONS**

<b>Collaborator</b>	<b>Institution</b>	<b>Nature of collaboration</b>	<b>Date</b>
<b>National</b>			
Dr Chinyere Nneka Ukaga	Imo State University, Owerri, Nigeria	Joint supervision, publication	2008-2009
Prof Sammy Sam-Wobo	University of Agriculture, Abeokuta, Abeokuta	Joint graduate student supervision, joint publication	2010-Date
Prof Alexander B. Odaibo	University of Ibadan, Ibadan	Joint graduate student supervision, joint publication	2011-2015
Prof Uade Samuel Ugbomoiko	University of Ilorin, Ilorin	Joint graduate student supervision, joint publication	2014-Date
Prof Omotosho I. Komolafe	Redeemer's University, Ede	Joint graduate student supervision, joint publication	2015-Date
Prof Taiwo Idowu	University of Lagos, Lagos	Joint graduate student supervision, joint publication	2016-Date
Prof Oluyomi Sowemimo	Obafemi Awolowo University, Ile-Ife	Implementation of joint research projects, joint publication	2017-Date
Dr Tomiwa William Akinsolu	Lead City University, Ibadan	Implementation of joint research projects, joint publication	2018-Date
Prof Friday Uwem Ekpo	University of Agriculture, Abeokuta, Abeokuta	Joint graduate student supervision, joint publication	2020-Date
Dr Tomiwa Erinosho	Social Science Academy of Nigeria/Towntalk Consortia, Abuja	Implementation of joint research projects, joint publication	2021-Date

Prof Monsuru Adeleke	Osun State University, Osogbo, Nigeria	Implementation of joint research projects, joint graduate student supervision, and joint publication.	2022-Date
<b>Collaborator</b>	<b>Institution</b>	<b>Nature of collaboration</b>	<b>Date</b>
<b>International</b>			
Dr David Johnston	Wolfson Wellcome Biomedical Laboratories, Natural History Museum, London, United Kingdom	Implementation of joint research projects, joint publications	2003-2004
Dr Guilherme Oliveira	Laboratório de Imunologia Celular e Molecular, FIOCRUZ Belo Horizonte, Brazil	Implementation of joint research projects, joint publications	2006-2007
Prof David Rollinson	Wolfson Wellcome Biomedical Laboratories, Natural History Museum, London, United Kingdom	Implementation of joint research projects, joint publications	2007-2009
Prof Chia-Kwung Fan	Department of Parasitology, Taipei Medical University, Taipei, Taiwan	Joint graduate student supervision, implementation of joint research projects, joint publications	2010-Date
Prof Tang Thean Hock	Advanced Medical and Dental Institute, Universiti Sains Malaysia Penang Malaysia	Implementation of joint research projects, joint publications	2012-Date
Assist Prof Varga Orsolya	Department of Public Health and Epidemiology Faculty of Medicine, University of Debrecen, Hungary	Joint graduate student supervision, implementation of joint research projects, joint publications	2018-Date
Prof Mohd Zaki Salleh	Integrative Pharmacogenomics Institute (iPROMISE), Universiti Teknologi MARA, Malaysia	Implementation of joint research projects, joint publications	2018-Date
Prof Georg von Samson- Himmelstjerna	Freie Universität Berlin, Berlin, Germany	Implementation of joint research projects, joint publications	2022-Date
Dr Anna Protasio	University of Cambridge, Cambridge, United Kingdom	Implementation of joint research projects, joint publications	2023-Date

#### **INTERNATIONAL AND NATIONAL RESEARCH AND TEACHING EXPERIENCE**

2021-2027 Visiting Professor, Taipei Medical University, Taipei, Taiwan  
2023 Guest Lecturer, University of Cambridge, Cambridge, United Kingdom.  
2022-2023 Visiting Professor, Advanced Medical and Dental Institute, Universiti Sains Malaysia, Malaysia  
2019-2020 Visiting Professor/Doctoral Thesis Assessor, Faculty of Public Health, University of Debrecen, Hungary  
2019-2024 Visiting Professor, Lead City University, Ibadan, Nigeria.  
2012 Visiting Researcher, Advanced Medical and Dental Institute, Universiti Sains Malaysia, Malaysia.

2011-2014	Visiting Professor, Taipei Medical University, Taipei, Taiwan
2007-2009	Visiting Researcher, Wolfson-Wellcome Biomedical Laboratories, Natural History Museum, London, UK
2006	Research Trainee, Centro de Pesquisas René Rachou Fundação Oswaldo Cruz, FIOCRUZ, Belo Horizonte Brazil, 2006.
2003	Research Trainee, Wolfson Wellcome Biomedical Laboratories, Natural History Museum, London, UK.

## **POSTGRADUATE STUDENTS' SUPERVISION (PAST AND ONGOING)**

### **MSc**

1. Kareem Issa Ishola - Department of Zoology, University of Ilorin, Nigeria. MSc Thesis (2019) - Molecular characterization of *Bulinus* species and its parasite infectivity rate.
2. Bayegun Adedotun Ayodeji - Department of Pure and Applied Zoology, Federal University of Agriculture, Abeokuta, Nigeria. MSc Thesis (2021) - Geospatial distribution and molecular characterization of *Schistosoma* hybrid system in Ogun State, southwestern Nigeria.
3. Timothy Ejike Nwafor – Department of Cell Biology and Genetics, University of Lagos. MSc Thesis (2022) - Detection of *Mycobacterium ulcerans* by real-time PCR and in-silico identification of novel drug target for Buruli ulcer.

### **PhD**

1. Adeleke Monsuru Adebayo – Department of Biological Sciences, University of Agriculture, Abeokuta, Nigeria. PhD Thesis (2010) - Bioecology, characterization and transmission indices of *Simulium damnosum* Theobald complex (Diptera: Simuliidae) along Osun River, Southwestern Nigeria.
2. Hassan Abdul Wasiu Oladele - Department of Biological Sciences, University of Agriculture, Abeokuta, Nigeria. PhD Thesis (2013) - Ecological and molecular studies of urinary schistosomiasis in school children around Erinle and Eko-Ende Dams, Oshun state, Nigeria.
3. Ajayi Babashola - Department of Biological Sciences, University of Agriculture, Abeokuta, Nigeria. PhD Thesis (2014) – Prevalence of urinary schistosomiasis and molecular identification of snail intermediate hosts in parts of Ogun State, Nigeria.
4. Gyang Pam Vincent – Department of Parasitology, College of Medicine, Taipei Medical University, Taipei, Taiwan. PhD Thesis (2015) - Epidemiology of neurophilic parasitic infections among school children in Lagos, Nigeria and the evaluation of Merthiolate-iodine-formalin (MIF) technique for the detection of intestinal helminthes.
5. Ukam Oyene - Department of Zoology and Environmental Biology, University of Calabar, Calabar, Nigeria. PhD Thesis (2016) - Study of Malaria Management Practices and Care Seeking Behaviour in Calabar Metropolis and Ugep in Cross River State, Nigeria.
6. Oso Opeyemi Gbenga - Department of Zoology, Faculty of Science, University of Ibadan, Nigeria. PhD Thesis (2016) - Ecology and population dynamics of freshwater snails in schistosomiasis endemic areas of Yewa North LGA, Ogun State, Nigeria.
7. Sunday Ojo Joseph - Department of Zoology, University of Ilorin, Nigeria. PhD Thesis - Epidemiology of Urinary schistosomiasis and ecology of the freshwater intermediate snail host in Kwara State, Nigeria.
8. Adewale Oke – Department of Biological Science, College of Natural Sciences, Redeemer's University, Ede, Nigeria. PhD Thesis (2019) – Buruli ulcer epidemiology and organism speciation of *Mycobacterium ulcerans* in Ogun State, Nigeria.

9. Alexander Suzan Ijeoma – Department of Zoology, Faculty of Science, University of Lagos, Nigeria. PhD Thesis - Epidemiology of schistosomiasis (urinary and intestinal) and soil-transmitted helminths in Ogun State, Southwestern Nigeria, and implications of co-infection for disease control.
11. Tokun Oluwatomilola - Department of Pure and Applied Zoology, Federal University of Agriculture, Abeokuta, Nigeria. PhD Thesis - Molecular epidemiology of urinary schistosomiasis and characterization of human and animal infective schistosome species in three endemic areas of Ogun State, the southwestern Nigeria.
12. Jonathan Joseph - Department of Pure and Applied Zoology, Federal University of Agriculture, Abeokuta, Nigeria. PhD Thesis – Epidemiological study and molecular characterization of *Cryptosporidium* Infections in cattle and nomadic pastoralists in Abeokuta North and Odeda Local Government Areas, Ogun State.
13. Bayegun Adedotun Ayodeji - Department of Pure and Applied Zoology, Federal University of Agriculture, Abeokuta, Nigeria. PhD Thesis (Ongoing) - Epidemiological and molecular studies on zoonotic (hybrid) schistosomiasis in humans, livestock and snail hosts in Ogun State, Nigeria.

### **POSTGRADUATE TEACHING EXPERIENCE**

1. Diagnostic Parasitology (ZLY 875/PhD/Medical Students), Department of Zoology, University of Lagos, 2009 - 2010.
3. Neglected Tropical Diseases and Healthcare Systems (OT-EGDI-T130/PhD Students). Department of Preventive Medicine, Faculty of Public Health, University of Debrecen, Hungary, 2020.
5. Healthcare Systems in Africa. (AOG3672002/Medical students). Department of Preventive Medicine, Faculty of Public Health, University of Debrecen, Hungary, 2020.
7. COVID-19 pandemic (OT-EGDI-T136/PhD/Medical Students). Department of Public Health and Epidemiology, Faculty of Medicine, University of Debrecen, Hungary, 2020.

### **PROFESSIONAL SERVICES/CONSULTANCIES**

1. German Technical Group (GTZ), 2002
2. Special Olympics Skills for Life Health Program, 2015-2016
3. Youth Empowerment and Development Initiative (YEDI), Nigeria, 2015-2021
4. The END Fund, 2019-2021
5. Deloitte and Touche, Nigeria, 2021 – 2022

### **ON-GOING RESEARCH AND COLLABORATIONS**

1. Understanding the transmission of zoonotic schistosomiasis in Nigeria: A multicenter approach (**Principal Investigator**).
2. Field validation of a species-specific mitochondrial gene-based molecular assay for differentiating *S. haematobium* from its closely related animal infective schistosome species (**Principal Investigator**).
3. Molecular epidemiology and characterisation of human and animal schistosomiasis in a putative hybrid zone in Ogun state, Nigeria (**Supervisor**).
4. Understanding the Burden of Neurocysticercosis and Neurotoxocariasis among persons with Epilepsy in Nigeria: Epidemiological Study (**Co-Principal Investigator**).

### **SERVICE TO NATIONAL AND INTERNATIONAL ORGANIZATIONS**

#### **Member**

1. Management Board, African Research Network for Neglected Tropical Diseases (ARNTD), 2024 – Present
2. ARNTD International Conference on NTD Research in Africa (InCORNTD) Advisory Committee, 2024.
3. Grand Challenges Nigeria (GCNg) Project Advisory Board, Nutrition Society of Nigeria, 2024 – Present.
4. African Academy of Sciences (AAS) mentorship Programme, 2024 - Present.
5. La Caixa Foundation Health Research Team of Experts, Spain, 2023 - Present.

6. Portfolio Advisory Panel, Global Health Innovative Technology (GHIT) Fund, Japan, 2023 - Present.
7. College of Fellows, Nigerian Society for Parasitology and Public Health, Nigeria, 2023 – Present.
8. Steering Committee, TDR Equity and Inclusivity in Research Mentorship, Switzerland, 2023 - Present.
9. World Health Organization Skin NTDs Disease Transmission Working Group 2023 - Present.
10. Policy and Advocacy Committee, Royal Society of Tropical Medicine and Hygiene, United Kingdom, 2023 - Present.
11. Meetings and Events Committee, Royal Society of Tropical Medicine and Hygiene, 2023 – Present.
12. Board of Trustees, Royal Society of Tropical Medicine and Hygiene, United Kingdom, 2022 - Present.
13. World Health Organization Strategic and Technical Advisory Group for Neglected Tropical Diseases (STAG-NTDs), Switzerland, 2022 - Present.
14. College of Experts, Africa Research Excellence Fund, United Kingdom, 2022 - Present.
15. National Bilateral Affairs Committee, Nigeria, 2021 - Present.
16. Lagos State Advisory Committee on Neglected Tropical Diseases, Nigeria, 2019 - Present.
17. National Reproductive Health Research Committee, Nigeria, 2001 – 2003.

### **SERVICE TO THE NIGERIAN INSTITUTE OF MEDICAL RESEARCH (NIMR)**

1. In-house Deputy Director-General, 2021 – 2024.
2. Head, Public Health Division (Now Public Health and Epidemiology Department), 2006 – 2012.

### **Chairman**

1. NIMR ASURI Electoral Committee, 2024.
2. NIMR Grants Management Committee, 2024.
3. Research Grants Award Committee, 2023 – 2024.
4. Committee on the Creation of Research Centers, 2023 – 2024.
5. Innovation Grants Award Committee, 2023 – 2024.
6. Fellowship Award Committee, 2021 – 2024.
7. NIMR MoU Implementation Committee, 2021 – 2024.
8. Research Integrity Policy Drafting Committee, 2022.
9. Allocation of Offices Committee (New Emerging Viral Diseases Building), 2022.
10. NIMR 2022-2026 Strategic Plan Development Committee, 2021-2022
11. Sexual Harassment Policy Development Committee, 2020.
12. Scientific Committee, 2016 – 2024
13. Annual Retreat Planning Committee, 2016 – 2024
14. ASURI Staff Remunerations Evaluation Committee, 2013
15. Second NIMR Annual Scientific Conference on Health Research in Nigeria (Scientific Committee), 2009
16. Due Process Monitoring Committee (Scientific supplies), 2007 – 2011.
17. Staff Welfare Committee, 2000 – 2002.

### **Vice-Chairman**

NIMR Grants Management Committee, 2017 – 2023.

### **Member**

1. Senior Management Committee (Principal Officers), 2022 – Present.
2. Appointment, Promotion and Disciplinary Committee (Senior), 2011 – Present
3. Appointment and Promotions Committee (Technical and Administration), 2011 - 2015
4. Senior Management and Finance Committee, 2006 – Present.
5. Research and Training Assessment Committee, 2009 – 2010
6. Institutional/Ethical Review Board, 2008 – 2016
7. Committee for Compilation of Management Guidelines for Human Virology Laboratory, 2008 – 2009.
8. Appointment and Promotions Committee (Scientific), 2007 – 2011.

**Reviewer of Scientific Journals and Doctoral Thesis**

1. Journal of Infection in Developing Countries 2023.
2. Journal of Tropical Medicine 2022 – 2024.
3. The Lancet, 2020 – 2024.
4. Doctoral School of Health Sciences, University of Debrecen, Hungary, 2019-2020.
5. PLOS ONE, 2018 – Present.
6. International Journal of Medicine and Medical Sciences, 2009 – 2014.
7. Memórias do Instituto Oswaldo Cruz, 2009 – 2010.
8. Journal of Public Health and Epidemiology, 2009 – 2010.
9. Journal of World Health and Population, 2007 – 2012.

**Editorial Board member/Reviewer**

1. Nigerian Journal of Parasitology, 2022 – Present.
2. Tropical Parasitology, 2010 – 2020.
3. Nigerian Journal of Clinical and Biomedical Research, 2005 – 2021.
4. Pharma News Nigeria, 2000 – 2004.

**Expert Reviewer for International Research Funding Organizations**

1. Global Health Innovative Technology (GHIT) Fund, Japan, 2024 - Present.
2. Africa Research Excellence Fund Research Development Fellowships, 2022 – Present.
3. African Research Network for Neglected Tropical Diseases Internal Small Grants, 2018 - Present.
4. EU HORIZON European and Developing Countries Clinical Trials Partnership Research Grants, 2017 – Present.
5. African Field Epidemiology Network Scientific Conferences, 2015 – Present.

**Technical Partner**

National Tuberculosis, Buruli ulcer and Leprosy Control Programme, 2015 – Present.

**Others**

1. Vice Chairman, Organizing Committee, First National Conference on NTDs and Control in Nigeria, 2019.
2. Assessor, Postgraduate Seminars, Department of Medical Microbiology and Parasitology, College of Medicine, University of Lagos, 2005 – 2015.
3. Matron, Biological Science Students' Association, University of Agriculture, Abeokuta, Nigeria 2005 – 2010.