



OLAOLUWA PHEABIAN AKINWALE, PhD

MS OLAOLUWA PHEABIAN AKINWALE, PhD

Director of Research (Neglected Tropical Diseases)
Head, Molecular Parasitology Research Laboratory,
Department of Public Health, Nigerian Institute of Medical Research (NIMR),
P.M.B. 2013, Yaba, Lagos State, Nigeria.

E-mail: pheabian@yahoo.co.uk; op.akinwale@nimr.gov.ng

Telephone: +234 805 514 6173

EDUCATIONAL QUALIFICATIONS (WITH PLACE AND DATE)

- **Ahmadu Bello University, Zaria, Nigeria**
- Doctor of Philosophy, Zoology (Parasitology), August 1998
- **University of Ife (Now Obafemi Awolowo University), Ile-Ife, Nigeria**
- Master of Science, Zoology (Parasitology), February 1987
- Bachelor of Science, Zoology, August 1982

CERTIFICATE COURSES ATTENDED (WITH PLACE AND DATE)

- **Reproductive Health and HIV Institute, University of the Witwatersrand Johannesburg, South Africa**
Research Methods Course in Sexual and Reproductive Health, 2005.
- **Smith College, Northampton, Massachusetts, U.S.A**
The New England Biolabs Molecular Biology Summer Workshop, 2006.
- **Institut Pasteur Tunis, Tunisia**
Bioinformatics and Comparative Genome Analysis Course, 2007
- **Kenya Medical Research Institute, Kilifi, Kenya**
Wellcome Trust Open Door Workshop, Working with the Human Genome Sequence, 2007
- **Research Institute of Rio de Janeiro, Rio de Janeiro, Brazil**
Advanced Methods for Phylogenetic Analysis of Molecular Sequences, 2009.
- **National Institute for Health and Welfare (THL), Helsinki, Finland**
Role and Function of a Comprehensive National Public Health Institute, 2010.
- **KIT Royal Tropical Institute, Amsterdam, the Netherlands**
Control strategies for infectious and non-communicable diseases, 2015.

WORK EXPERIENCE (WITH PLACE AND DATE)

- Research Officer 1, Nigerian Institute for Trypanosomiasis Research, Kaduna. 1988–1991.
- Senior Research Officer, Nigerian Institute for Trypanosomiasis Research, Kaduna. 1991-1994.
- Principal Research Officer, Nigerian Institute for Trypanosomiasis Research, Kaduna. 1994-1998.
- Research Fellow 1, Nigerian Institute of Medical Research, Yaba Lagos, Nigeria. 1998–2000.
- Senior Research Fellow, Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. 2001-2003.

- Chief Research Fellow, Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. 2004-2008.
- Deputy Director (Research), Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. 2008-2013.
- Director of Research (Neglected Tropical Diseases), Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. 2013-Date.

TRAINING FELLOWSHIPS AND TRAVEL GRANTS (WITH DATE AND PLACE)

- Commonwealth Science Council (CSC) Training Fellowship, London, UK, 2003.
- International Organization for Chemical Sciences and Development (IOCS) Travel Fellowship, Antwerp, Belgium, 2004.
- World Health Organization Training Fellowship, Bangkok, Thailand, 2005
- University of Witwatersrand Training Fellowship, South Africa, 2005
- The International Network of Women Engineers and Scientists (INWES) Travel Award, Seoul, South Korea, 2005
- The New England Biolabs Training Fellowship, Massachusetts, USA, 2006.
- European Molecular Biology Organization (EMBO) Training Fellowship, Tunis, Tunisia, 2007.
- Wellcome Trust Open Door Workshop Training Fellowship, Kilifi, Kenya, 2007.
- European Molecular Biology Organization (EMBO) Training Fellowship, Rio de Janeiro, Brazil, 2009.
- International Society for Urban Health (ISUH) Travel Award, Kenya, 2009.
- International Association of National Public Health Institutes (IANPHI) Travel Grant, Helsinki, Finland, 2010.
- International Congress of Parasitology (ICOPA) Travel Award, Melbourne, Australia, 2010
- International Society for Urban Health (ISUH) Travel Scholarship, New York, USA, 2010.
- International Society for Urban Health (ISUH) Travel Scholarship, Belo Horizonte, Brazil, 2011.
- National Science Council, Taiwan, Guest Lectureship Award, Taipei, Taiwan, 2011.
- Nigerian Branch of South African Cochrane Centre Training Scholarship, Calabar, Nigeria, 2012.
- TWAS-USM Visiting Researcher Fellowship Award (FR number 3240255153), Malaysia, 2012.
- Bernhard Nocht Institute for Tropical Medicine Travel Grant, Hamburg, Germany, 2014.
- United Nations Development Programme Travel Grant, New York, USA, 2014.
- Gordon Research Conferences Bursary, Galveston, Texas, USA, 2015.
- The Netherlands Fellowship Programme (NFP), Amsterdam, the Netherlands, 2015.
- WIPO RE:Search Travel Bursary, Geneva, Switzerland, 2015
- African Research Network for Neglected Tropical Diseases (ARNTD) Travel Award, Malawi, 2015
- Symposium for International Research and Innovations in Schistosomiasis (SIRIS) Travel Award, Washington DC, USA, 2016.
- World Health Organization Travel bursary, Geneva, Switzerland 2017.

RESEARCH GRANT AWARDS

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

- 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**
- Tertiary Education Trust Fund (TETFUND) Research Grant 2015: Federal University Ndufu-Alike Ikwo, Ebonyi State, Nigeria. Role: **Co-Principal Investigator.**
- German Leprosy and Relief Association (GLRA)/Kindermissionswerk Aachen Equipment Grant, 2017. Role: **Principal Investigator.**

INTERNATIONAL COLLABORATION/RESEARCH/TEACHING EXPERIENCE (WITH DATE AND PLACE)

- Commonwealth Science research fellow, Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum London UK, 2003.
- Research Trainee, Laboratório de Imunologia Celular e Molecular, Centro de Pesquisas René Rachou Fundação Oswaldo Cruz, FIOCRUZ Belo Horizonte Brazil, 2006.
- Visiting Researcher, Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum London UK, 2007.
- Visiting Researcher, Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum London UK, 2008.
- Visiting Researcher, Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum London UK, 2009.
- Visiting Professor, Department of Parasitology, Taipei Medical University Taipei, Taiwan, 2011.
- Visiting Researcher, Advanced Medical and Dental Institute, Universiti Sains Malaysia Penang Malaysia, 2012.

POSTGRADUATE SUPERVISION (PAST AND ON-GOING)

- **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.**
- **Okere, Ugochi Pearl** - Department of Zoology, University of Ibadan, Ibadan, Nigeria
PhD Thesis (2010) - **Human schistosome species diversity in Abua/Odual Local Government Area, Rivers State, Nigeria.**
- **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.**
- **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.**
- **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.**
- **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.**
- **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.**
- **Sunday Ojo Joseph** - Department of Zoology, University of Ilorin, Nigeria.
PhD project title - **Epidemiology of Urinary schistosomiasis and ecology of the freshwater intermediate**

snail host in Kwara State, Nigeria.

- **Agboola Olagunju** - Department of Pure and Applied Zoology, College of Biosciences, Federal University of Agriculture, Abeokuta, Nigeria.
PhD project title - **Epidemiological, biochemical and molecular studies of human schistosomiasis urine microbiome from Ogun State, Nigeria.**
- **Adewale Oke** – Department of Biological Science, College of Natural Sciences, Redeemer’s University, Ede, Nigeria.
PhD project title – **Buruli ulcer epidemiology and organism speciation of *Mycobacterium ulcerans* in Ogun State, Nigeria.**
- **Alexander Suzan Ijeoma** – Department of Zoology, Faculty of Science, University of Lagos, Nigeria
PhD project title - **Epidemiology of schistosomiasis (urinary and intestinal) and soil transmitted helminths (STH) in Ogun State, Southwestern Nigeria and implications of co-infection for disease control.**

POSTGRADUATE TEACHING EXPERIENCE

Diagnostic Parasitology (ZLY 875)], Department of Zoology, University of Lagos, 2009 - 2010.

CONSULTANCY

- Short-Term Consultant to German Technical Group (GTZ), 2002
- Short-Term Consultant to Special Olympics Skills for life health program 2015-2016
- Consultant to Youth Empowerment and Development Initiative (YEDI) 2017

RESEARCH/SCIENTIFIC PUBLICATIONS

1. Oluyomi A. Sowemimo, Yueh-Lun Lee, Samuel O. Asaolu, Ting-Wu Chuang, **Olaoluwa P. Akinwale**, Bolaji O. Badejoko , Vincent P. Gyang, Timothy Nwafor, Emmanuel Henry, Chia-Kwung Fan (2017). Sero epidemiological study and associated risk factors of *Toxocara canis* infection among preschool children in Osun State, Nigeria. *Acta Tropica*. <https://doi.org/10.1016/j.actatropica.2017.05.030>.
2. **Akinwale, O. P.**, Adeneye, A. K., Oyefara, J. O., Adejoh, P. E., Musa, Z. A., Oyedeji, K. S. O., Sulyman, M. A. and Adeneye, A. A. (2017). Behavioral Risk Factors for Non-Communicable Diseases in Three Most Populous Nigerian Urban Slums. *Journal of Public Health in Developing Countries*. 3(1): 327-338.
3. Vincent P. Gyang, Ting-Wu Chuang, Chien-Wei Liao, Yueh-Lun Lee, **Olaoluwa P. Akinwale**, Akwaowo Orok, Olusola Ajibaye, Ajayi J. Babasola, Po-Ching Cheng, Chia-Mei Chou, Ying-Chieh Huang, Kuo-Hua Fan, Chia-Kwung Fan (2016). Intestinal parasitic infections: current status and associated risk factors among school children in an archetypical African urban slum in Nigeria. *Journal of Microbiology, Immunology and Infection*. doi.org/10.1016/j.jmii.2016.09.005.
4. Obaseki DE, Forae GD, Iyawe DU, **Akinwale O.** and Obahiagbon I. (2016). A First Reportable Case of Fatal Granulomatous Amoebic Encephalitis in an Immunocompetent Nigerian Confirmed by Molecular Studies - Polymerase Chain Reaction (PCR). *International Journal of Medicine and Public Health* 6(3):148-150.
5. Osue H. O., Abenga J. N., Lawani F. A. G., Falope O., David K. M., Ezebuiro O. G. C., **Akinwale O. P.** and Edeghere H. I. (2016). Status of Anaemia, Semen and Ejaculate Characteristics in Experimental Trypanosomiasis Infections in Yankassa Rams After Berenil, Novidium and Samorin Treatment. *Journal of Agriculture and Veterinary Science* 9(6): 60-68. DOI: 10.9790/2380-0906026068.

6. O. Hassan, A. O. J. Amoo, **O.P. Akinwale**, M. A. Adeleke and P.V. Gyang (2016). Molecular Characterization and Detection of Infection in Vector Snails of Urinary Schistosomiasis around Erinle and Eko Ende Dams in South West Nigeria. *British Microbiology Research Journal* 14(1): 1-10. DOI: 10.9734/BMRJ/2016/9019.
7. **Olaoluwa Akinwale**, Opeyemi Oso, Oyetunde Salawu, Alexander Odaibo, Petrus Tang, Ting-Wen Chen and Pam Gyang (2015). Molecular characterization of *Bulinus* snail intermediate hosts of schistosomes in Ogun state, southwest Nigeria. *Folia Malacologica* 23(2): 137-147. Doi:10.12657/folmal.023.009.
8. Vincent Pam Gyang, **Olaoluwa Pheabian Akinwale**, Yueh-Lun Lee, Ting-Wu Chuang, Akwaowo Orok, Olusola Ajibaye, Chien-Wei Liao, Po-Ching Cheng, Chia-Mei Chou, Ying-Chie Huang, Kuo-Hua Fan and Chia-Kwung Fan. (2015). Toxoplasma gondii infection: seroprevalence and associated risk factors among primary school children in Lagos City, Southern Nigeria. *Revista da Sociedade Brasileira de Medicina Tropical* 48(1): 56-63. Doi.org/10.1590/0037-8682-0310-2014.
9. Pam V. Gyang, **Olaoluwa P. Akinwale**, Yueh-Lun Lee, Ting-Wu Chuang, Akwaowo B. Orok, Olusola Ajibaye, Chien-Wei Liao, Po-Ching Chen, Chia-Mei Chou, Ying-Chieh Huang, Ursula Barghouth , Chia-Kwung Fan. (2015). Seroprevalence, disease awareness, and risk factors for *Toxocara canis* infection among primary school children in Makoko, an urban slum community in Nigeria. *Acta Tropica* 146: 135–140.
10. AO Hassan, AOJ Amoo, **OP Akinwale**, AM Deji-Agboola, MA Adeleke, PV Gyang (2014). Current status of urinary schistosomiasis in communities around the Erinle and Eko-Ende Dams and the implications for schistosomiasis control in Nigeria. *Southern African Journal of Infectious Diseases* 29(4):137-140.
11. **Akinwale OP**, Oyefara JO, Adejoh PE, Adeneye AA, Adeneye AK, Musa ZA, Oyedeji KS, Sulyman MA. (2014). Benefits of using community-engaged research approach to promote healthy lifestyles in three Nigerian urban slums. *Southern African Journal of Epidemiology and Infection*. 29(1):48-50).
12. **Akinwale P. Olaoluwa**, Tang T. Hock, Fan Chia-Kwung, Qi Zheng, Shen Haimo, Charles Ezeh and Gyang V. Pam (2014). Differentiating *Schistosoma haematobium* from *Schistosoma magrebowiei* and other closely related schistosomes by PCR amplification of a species specific mitochondrial gene. *Tropical Parasitology*. 4(1). DOI: 10.4103/2229-5070.129163
13. **Olaoluwa Pheabian Akinwale**, Lekan John Oyefara, Pius Adejoh, Adejuwon Adewale Adeneye, Adeniyi Kazeem Adeneye, Zaidat Adesola Musa, Kolawole Solomon Oyedeji, Medinat Ayobami Sulyman (2013). Survey of hypertension, diabetes and obesity in three Nigerian urban slums. *Iranian Journal of Public Health* 42(9): 972-979.
14. **Akinwale OP**, Adeneye AK, Musa ZA, Oyedeji KS, Sulyman MA, Oyefara JO, Adejoh PE, Adeneye AA. (2013). Living conditions and public health status in three urban slums of Lagos, Nigeria. *South East Asia Journal of Public Health (SEAJPH)* 3(1): 36-41
15. **Akinwale OP**, Afilaka B, Gyang VP, Adeleke MA, Adeneye A, Onwujekwe D, Fatimah Alimi and David Akande (2013). Human cytomegalovirus infection in Nigerians living with human immunodeficiency virus. *Annals of Tropical Medicine and Public Health* 6:59-64.
16. **Akinwale, O.P.**, Tang, T.H., Doblin, A.S. and Cheah, H.L. (2013). Molecular survey of freshwater snail intermediate hosts of *Schistosoma malayensis* in northern peninsular Malaysia. *Continental Journal of Biological Sciences* 6(2): 33-41.
17. Adeleke, M. A., Sam-Wobo, S. O., **Akinwale, O. P.**, Olatunde, G. O., Mafiana, C. F. (2012). Biting on human body parts of Simulium vectors and its implication on the manifestation of Onchocerca nodules along Osun River System, Southwest Nigeria. *Journal of Vector Borne Diseases* 49 (3): 140-142.

18. Cox GR, Fisher CA, De Silva S, Phelan M, **Akinwale OP**, Simmons MB, Hetrick SE. Interventions for preventing relapse and recurrence of a depressive disorder in children and adolescents. *Cochrane Database of Systematic Reviews* 2012, Issue 11. Art. No.: CD007504. DOI: 10.1002/14651858.CD007504.pub2.
19. Chia-Kwung Fan, Lin-Wen Lee, Chien-Wei Liao, Ying-Chieh Huang, Yueh-Lun Lee, Yu-Tai Chang, Ângela dos Santos Ramos José da Costa, Vilfrido Gil, Li-Hsing Chi, Takeshi Nara, Akiko Tsubouchi, **Olaoluwa Pheabian Akinwale** (2012). *Toxoplasma gondii* infection: relationship between sero-prevalence and risk factors among primary school children in the capital areas of Democratic Republic of Sao Tome and Principe, West Africa. *Parasites and vectors* 13(5):141. Doi: 10.1186/1756-3305-5-141.
20. Hassan, A. O., Amoo, A. O. J., **Akinwale, O. P.**, Deji-Agboola, A. M., Adeleke, M. A., Gyang, P. V. and Oluwadun, A. (2012). Human water contact activities and urinary schistosomiasis around Erinle and Eko-ende dams. *Global Advanced Research Journal of Medicine and Medical Sciences*. 1(4): 77 – 84.
21. Adeleke, M. A., Sam-Wobo, S. O, Olatunde, G. O., **Akinwale, O. P.** and Mafiana, C. F. (2012). Attraction of *Simulium damnosum* Complex to *Pterocarpus santalinoides*: A preliminary study. *Munis Entomology and Zoology* 7(1): 368-371.
22. **Akinwale, O. P.**, Akpunonu V. N., Ajayi, M. B., Akande, D. O., Adeleke, M. A., Gyang, P. V., Adebayo, M. O. and Dike, A. A. (2011). Urinary schistosomiasis transmission in Epe, an urban community southwest Nigeria. *Tropical Parasitology* 1(2): 99 – 103.
23. Adeleke, M. A., Sam-Wobo, S. O., Olatunde, G. O., **Akinwale, O. P.**, Ekpo, U. F. and Mafiana, C. F. (2011). Bioecology of *Simulium damnosum* Theobald Complex along Osun River, Southwest Nigeria. *Journal of Rural and Tropical Public Health* 10: 39 - 43.
24. **Akinwale, O. P.**, Rollinson, D., Kane, R., Stothard, R., Ajayi, M. B., Akande, D. O., Ogungbemi, M. O., Duker, C., Gyang, P. V. and Adeleke, M. A. (2011). Molecular approaches to the identification of *Bulinus* species in South-West Nigeria and observations on natural snail infections with schistosomes. *Journal of Helminthology*. 85(3):283-293. Doi: 10.1017/S0022149X10000568.
25. Monsuru Adebayo Adeleke, Chiedu Felix Mafiana, Sammy Olufemi Sam-Wobo, Ganiyu Olatunji Olatunde and **Olaoluwa Pheabian Akinwale** (2010). Morphotaxonomic studies on *Simulium damnosum* Theobald complex (Diptera: *Simuliidae*) along Oshun River, southwestern Nigeria. *Acta Entomologica Sinica* 53(11): 1319 - 1324.
26. M. A. Adeleke, C. F. Mafiana, S. O. Sam-Wobo, **O. P. Akinwale**, G. O. Olatunde, S. M. Sanfo, A. Adjami and L. Toe (2010). Molecular characterization of the *Simulium damnosum* complex (Diptera: *Simuliidae*) found along the Osun River system, in south–western Nigeria. *Annals of Tropical Medicine and Parasitology* 104(8): 679 - 683.
27. Monsuru A. Adeleke, Chiedu F. Mafiana, Sammy O. Sam-Wobo, Ganiyu O. Olatunde, Uwem F. Ekpo, **Olaoluwa P. Akinwale** and Laurent Toe (2010). Biting behaviour of *Simulium damnosum* complex and *Onchocerca volvulus* infection along the Osun River, Southwest Nigeria. *Parasites and Vectors*. 3: 93 Doi: 10.1186/1756-3305-3-93.
28. **O. P. Akinwale**, M. B. Ajayi, D. O. Akande, P. V. Gyang, M. A. Adeleke, A. K. Adeneye, M. O. Adebayo and A. A. Dike. (2010). Urinary schistosomiasis around Oyan reservoir: twenty years after the outbreak was first reported. *Iranian Journal of Public Health*. 39(1): 92 – 95.

29. **Olaoluwa Akinwale**, Adeniyi Adeneye, David Omotola, Ogenna Manafa, Taiwo Idowu, Babatunde Adewale, Medinat Sulyman and David Akande (2009). Parental perception and practices on sexual health communication with their children in Lagos, Nigeria. *Journal of Family and Reproductive Health*. 3(4): 123 – 128.
30. Ude, E. A. G., **Akinwale, O. P.**, Ukaga, C. N., Ajayi, M. B., Akande, D. O., Adeleke, M. A., Gyang, P. V. and Dike, A. A. (2009). Prevalence of urinary schistosomiasis in Umuowe, Agulu community, Anambra State, Nigeria. *International Journal of Health Research*. 2(4): 347 - 353.
31. **Akinwale, O. P.**, Ajayi, M. B., Akande, D. O., Adeleke, M. A., Gyang, P. V., Adeneye, and Dike, A. A. (2009). Prevalence of *Schistosoma haematobium* infection in a neglected community, south western Nigeria. *International Journal of Health Research*. 2: 149 – 155.
32. **Akinwale, O. P.**, Laurent, T., Mertens, P., Leclipteux, T., Rollinson, D., Kane, R., Emery, A., Ajayi, M. B., Akande, D. O. Fesobi, T. W. (2008). Detection of schistosomes PCR amplified DNA by oligochromatographic dipstick. *Molecular and Biochemical Parasitology*. 160(2): 167 -170.
33. **Akinwale, O. P.**, Oliveira, G. C., Ajayi, M. B., Akande, D. O., Oyebadejo, A. S. and Okereke, K. C. (2008). Squamous cell abnormalities in exfoliated cells from the urine of *Schistosoma haematobium* infected adults in a rural fishing community in Nigeria. *Journal of World Health and Population*. 10(1): 18 – 22. **Doi:** 10.12927/whp.2008.19581.
34. Idowu, E. T., Mafe, M. A., Appelt, B., Adewale, B., Adeneye, A. K., **Akinwale, O. P.**, Manafa, O. U. and Akande, D. O. (2007). Height as substitute to weight for the estimation of praziquantel dosage. *Journal of World Health and Population*. 9(3): 19 – 26.
35. 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. (2007). Social aspects of drug delivery in schistosomiasis control: The Abeokuta experience. *Research in Social and Administrative Pharmacy*. 3: 183 - 198.
36. **Akinwale, O. P.**, Nock, I. H., Esievo, K. A. N., Edeghere, H. U. and Olukosi, Y. A. (2006). Study on the susceptibility of Sahel goats to experimental *Trypanosoma vivax* infection. *Veterinary Parasitology*. 137(3-4): 210 – 213. **DOI:** 10.1016/j.vetpar.2006.01.032
37. **Akinwale, O. P.**, Omotola, B. D., Manafa, O. U., Adeneye, A. K., Idowu, E. T., Sulyman, M. A. and Adewale, B. (2006). An assessment of parent-child communication on sexuality in Lagos, Nigeria. *Journal of World Health and Population*. 18: 1 – 4.
38. Ahmed, O. A., Odunukwe, N. N., **Akinwale, O. P.**, Raheem, T. Y., Efiemokwu, C. E., Ogedengbe, O. and Salako, L. A. (2005). Knowledge and practices of traditional birth attendants in prenatal services in Lagos state, Nigeria. *African Journal of Medicine and Medical Sciences*. 34: 55 – 58.
39. 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. (2005). Effectiveness of different approaches to mass delivery of praziquantel among school-aged children in rural communities in Nigeria. *Acta Tropica*. 93: 181 – 190.
40. **Akinwale, O. P.**, Adeneye, A. K., Sulyman, M. A., Idowu, E. T., Adewale, B., Manafa, O. U. and Mafe, M. A. (2004). Health care seeking behaviour of people in schistosomiasis endemic communities of Ogun and Niger states, Nigeria. *Nigerian Journal of Parasitology*. 25: 121 - 126.
41. Akanbi, A. S., **Akinwale, O. P.** and Ajayi, M. B. (2002). Incidence of trypanosome infections among some

- herdsmen from two abattoirs in Lagos, Nigeria. *Medipharm Medical Journal*. 2: 15 - 17.
42. **Akinwale, O. P.**, Manafa, O. U., Adewale, B., Idowu, E. T., Sulyman, M. A., Adeneye, A. K., Olukosi, Y. A., Fesobi, T., Ajala, H. O. T. and Akande, D. O. (2004). Knowledge, attitude belief and practices of religious leaders in Lagos state on Human Immune Deficiency Virus/ Acquired Immune Deficiency Syndrome (HIV/AIDS). *Medipharm Medical Journal*. 2: 11 - 14.
 43. **Akinwale, O. P.**, Nock, I. H., Esievo, K. A. N. and Olukosi, Y. A. (2002). Treatment failure in experimental *Trypanosoma vivax* infection of Sahel goats. *The Journal of Scientific Research and Development*. 4: 43 – 48.
 44. Akande, D. O., Adeleke, E. O. and **Akinwale, O. P.** (2002). The prevalence of intestinal parasitic contaminants of fruits sold in some markets in Lagos, Nigeria. *The Journal of Tropical Biosciences*. 2 (1): 33 - 35.
 45. **Akinwale, O. P.**, (2000). Goat: A small ruminant of great economic importance. *Annals of Agricultural Sciences*. 1(3): 76 - 79.
 46. **Akinwale, O. P.**, Nock, I. H. and Esievo, K. A. N. (2001). Relapse infection in West African dwarf goats experimentally infected with *Trypanosoma vivax*. *Research communications in Parasitology*. 1(1): 34 - 38.
 47. Sulyman, M. A., **Akinwale, O. P.** and Ogunbanwo, J. A. (2000). Onchocerciasis and its control. *Applied Natural Sciences Research*. 1(2): 1 - 5.
 48. Sulyman, M. A., **Akinwale, O. P.** and Ogunbanwo, J. A. (2000). Chemotherapy and African trypanosomiasis. *Research Communications in Parasitology*. 1(1): 21 - 27.
 49. **Akinwale, O. P.**, Nock, I. H., Esievo, K. A. N. and Edeghere, H. U. F. (1999). The effect of experimental *Trypanosoma vivax* infection and treatment on the packed cell volume of three breeds of Nigerian goats. *The Nigerian Journal of Parasitology*. 20: 27 - 32.
 50. **Akinwale, O. P.** (1999). Current trends in the control of African trypanosomiasis. *Research Communications in Parasitology*. 1(1): 13 - 20.
 51. **Akinwale, O. P.**, Nock, I. H. and Esievo, K. A. N. (1999). Effect of experimental *Trypanosoma vivax* infection on the free serum sialic acid concentrations of three breeds of Nigerian goats. *Research Communications in Parasitology*. 1(1): 1 - 5.
 52. **Akinwale, O. P.** (1999). Anaemia in African animal trypanosomiasis. *Applied Natural Sciences Research*. 1(1): 32 - 34.
 53. Edungbola, L. D., Ashaolu, S. O, and **Akinwale, O. P.** (1995). Chiropteran bats. Their ecto- and endo-parasites and their implications. *The Nigerian Journal of Parasitology*. 16: 14 - 26.
 54. **Akinwale, O. P.**, Ashaolu, S. O. and Edungbola, L. D. (1995). Functional morphology of *Cyclopodia greeffi* (Karsch), an ectoparasite of the fruit bat, *Eidolon helvum* (Kerr). *The Nigerian Journal of Parasitology*. 16: 3 - 13.

CONTRIBUTIONS TO SCIENTIFIC MEETINGS/CONFERENCES

1. 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.
2. **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
3. **Olaoluwa P. Akinwale**. From Parasites to Parasites: A Parasitologist's Expedition. Sixth Distinguished Lecture Series. Nigerian Institute of Medical Research 6th Annual Scientific Conference, Lagos, Nigeria. November 10-12, 2015.
4. **Olaoluwa P. Akinwale**, Tang T. Hock, Fan Chia-Kwung, Qi Zheng, Shen Haimo, Charles Ezeh, 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.
5. **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 5th annual scientific conference, Abuja, Nigeria. November 11-13, 2014.
6. 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. 13th Asian –Pacific Congress for Parasitic Zoonoses, Taipei Medical University, Taiwan, November 29-30, 2014.
7. Obaseki, D. E., Iyawe, D. U., Obahiagbon, I. **Akinwale, O. P.** Report of first case of fatal granulomatous amoebic encephalitis in Nigeria by polymerase chain reaction (PCR). Nigerian Medical Association 54th Annual General Meeting and Scientific Session, Benin City, Nigeria. April 27 - May 3, 2014.
8. **Akinwale, O. P.**, Adeneye, A. K., Oyefara, J. O., Adejoh, P. E., Musa, Z. A., Oyedeji, 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.
9. **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.
10. **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.
11. **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 8th International Conference on Urban Health, Nairobi, Kenya, August 2009.
12. **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 13th International Conference of Women Engineers and Scientists (ICWES13), Seoul, Korea, November 2005.
13. **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.
 14. 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. The Nigerian Society for Parasitology 27th Annual National Conference, Lagos, Nigeria, 2003.
 15. 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 27th Annual National Conference, Lagos, Nigeria, 2003.
 16. 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 27th Annual National Conference, Abuja, Nigeria, 2002.
 17. 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 26th Annual National Conference, Abuja, Nigeria, 2002.
 18. 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 antropometric characteristics of school aged children infected with schistosomiasis in selected communities in Ogun state, Nigeria. Nutrition Society of Nigeria book of abstract, 2002.
 19. **Akinwale, O. P.** Immunology of African trypanosomiasis. The Nigerian Society for Immunology book of abstract, 2000.
 20. **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 23rd Annual National Conference, Abubakar Tafawa Balewa University, Bauchi, Nigeria, 1999.
 21. **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 15th Annual National Conference, Obafemi Awolowo University, Ile-Ife, Nigeria.
 22. **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 14th Annual National Conference, Bayero University, Kano, Nigeria, 1990.
 23. 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 MEETINGS ATTENDED

- The Nigerian Society for Parasitology 14th Annual National Conference, Bayero University, Kano, Nigeria, September, 1990.
- The Nigerian Society for Parasitology 15th Annual National Conference, Obafemi Awolowo University, Ile-Ife, Nigeria. September, 1991.
- The Nigerian Society for Parasitology (Lagos / Ogun branch). Seminar on Current trends in the control of parasitic diseases. Lagos, Nigeria, September, 1999.
- WHO/ Federal Ministry of Health Advocacy Seminar on Male involvement/Participation in Reproductive Health, Lagos, Nigeria, November, 1999.
- The Nigerian Society for Immunology National Scientific Conference on Update on HIV/AIDS and Opportunistic Infections, Lagos, Nigeria, November, 2000.
- 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.
- 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.
- The Monitoring and Evaluation of Adolescent Reproductive Health Programs training workshop. Sponsored by FOCUS, USA. Abuja, Nigeria, February, 2001
- Community Health Information Education Forum workshop on The Impact of Information and Education on Community Health, Lagos, Nigeria, August, 2001.
- The Nigerian Society for Parasitology (Lagos) Symposium on the Control of Parasitic Diseases through Environmental Management, Lagos, Nigeria, November, 2001.
- The Nigerian Society for Parasitology 26th Annual National Conference, Abuja, Nigeria, October, 2002.
- The Filaria/Schistosome Genome Network Joint Meeting. Belo Horizonte, Minas Gerais, Brazil. August, 2003.
- The British Society for Parasitology Autumn Symposium. The application of genomic technology to the combat of parasitic disease. Piccadilly, London, UK. November, 2003.
- Research training in molecular biology techniques. Biomedical Parasitology Division, Department of Zoology, Natural History Museum, London, UK. November – December, 2003.
- The Filaria/Schistosome Genome Network Joint Meeting. NIAID, Rockville, Maryland, USA. August, 2004.
- COST B22 Congress: Drug development for parasitic diseases. Antwerp, Belgium. November, 2004.
- Research Methods Course in Sexual and Reproductive Health and HIV. University of the Witwatersrand, Johannesburg, South Africa. July – August, 2005.
- The 13th International Conference of Women Engineers and Scientists (ICWES13). Seoul, Korea. August, 2005.
- 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.
- 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.
- 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.
- New England Biolabs 21st Summer Workshop in Molecular Biology. Clark Science Center, Smith College, Northampton, Massachusetts, USA. July – August, 2006.
- Bioinformatics and Comparative Genome Analysis Course. Institute Pasteur of Tunis, Tunisia. March – April, 2007.
- Research training at the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History

Museum, London, UK. September – October, 2007.

- The Linnean Society of London symposium on Natural History of Host-Parasite Interactions. Linnean House, London, UK. September, 2007.
- Working with Human Genome Sequences workshop. KEMRI - Wellcome Trust, Kilifi, Kenya. October, 2007.
- In-House Management Training Workshop for Heads of Divisions and senior staff of the Nigerian Institute of Medical Research. November, 2007.
- Research visit to the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum, London, UK. June - August, 2008.
- Advanced Methods for Phylogenetic Analysis of Molecular Sequences Course, Rio de Janeiro, Brazil. March 2009.
- Research visit to the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum, London, UK. June – July, 2009.
- Eighth International Conference on Urban Health (ICUH 8), Nairobi, Kenya, October 18 – 23, 2009.
- Monitoring and Evaluation Workshop, Nairobi, Kenya, October 21 – 22, 2009.
- IANPHI-THL Summer School “Role and Function of a Comprehensive National Public Health Institute”, National Institute for Health and Welfare (THL), Helsinki, Finland, June 7 – 11, 2010.
- International Congress of Parasitology (ICOPA XII), Melbourne, Australia, August 15 – 20, 2010.
- Ninth International Conference on Urban Health (ICUH 9), New York, USA, October 24 – 26, 2010.
- Tenth International Conference on Urban Health (ICUH 10), Belo Horizonte, Brazil, November 1 - 4, 2011.
- Nigerian Cochrane Contributors’ Meeting/GRADEPro Workshop. Calabar, Nigeria. July 9 – 11, 2012.
- Research visit to Universiti Sains Malaysia (USM), Malaysia. September - December, 2012.
- The 4th Grantees and 2nd African Research Network for Neglected Tropical Diseases (ARNTD) General Assembly Meeting. Hamburg, Germany. October 20 - 23, 2014.
- Intellectual Property Management in Research and Development Workshop, New York, USA. November 4 - 5, 2014.
- World Intellectual Property Organization (WIPO) Re: Search annual meeting. New York, USA. November 6, 2014.
- Gordon Research Conference on Tropical Infectious Diseases, March 8 -13, 2015, Galveston, Texas, USA.
- Control strategies for infectious and non-communicable diseases. KIT Royal Tropical Institute, Amsterdam, the Netherlands. May 18 -June 10, 2015.
- World Intellectual Property Organization (WIPO) Re: Search Global Health Meetings. Geneva, Switzerland. October 27 -30, 2015.
- The 5th Grantees and 3rd African Research Network for Neglected Tropical Diseases (ARNTD) General Assembly Meeting. Blantyre, Malawi, November 17 - 19, 2015.
- Symposium for International Research and Innovations in Schistosomiasis (SIRIS). Washington DC, USA, February 3 - 4, 2016.
- WHO Meeting on Buruli ulcer. Geneva, Switzerland, March 20 – 22, 2017.

SERVICES (INSTITUTION, UNIVERSITY AND SOCIETY)

- Reviewer, postgraduate seminars, Department of Medical Microbiology and Parasitology, College of Medicine, University of Lagos, Lagos 2005 – Date.
- Reviewer, Journal of World Health and Population, 2007 - Date.
- Reviewer, International Journal of Medicine and Medical Sciences, 2009 - Date.

- Reviewer, Journal of Public Health and Epidemiology, 2009 – Date.
- Reviewer, Memórias do Instituto Oswaldo Cruz, 2009 – Date.
- Journal of the Brazilian Society of Tropical Medicine (RSBMT)
- Member, Editorial Board, Journal of Clinical and Biomedical Research, 2009 - Date.
- Member, Editorial Board, Pharma News, 2000 – 2004.
- Member, Editorial Board, Tropical Parasitology
- Member, Editorial Board, Medipharm Medical Journal
- Matron, Biological Science Students' Association, University of Agriculture, Abeokuta, Nigeria 2005 - 2010.
- Member, National Reproductive Health Research Committee in Nigeria, 2001 – 2003.
- Member, Senior Management Committee, NIMR, 2006 - date.
- Head, Public Health Division, Nigerian Institute of Medical Research (NIMR) 2006 - 2011.
- Member, Finance Committee, NIMR, 2006 - 2011.
- Member, Appointment and Promotions Committee (Scientific), NIMR, 2007 - 2011.
- Member, Appointment and Promotions Committee (Technical and Administration), NIMR, 2011 - 2015.
- Chairman Due Process Monitoring Committee (Scientific supplies), NIMR, 2007 - 2011.
- Member, NIMR Institutional Review Board 2008 – 2016.
- Member, Committee for Compilation of Management Guidelines for the Human Virology Laboratory, NIMR, 2008 - 2009
- Member, Research and Training Assessment Committee, NIMR, February 2009 – 2010.
- Chairman, Scientific Committee, 2nd Annual NIMR Scientific Conference on Health Research in Nigeria, 2009.
- Head, Neglected Tropical Diseases Research Group, NIMR, 2012 - Date.
- Chairman, Staff Remunerations Evaluation Committee, ASURI NIMR, 2013
- Chairman, NIMR Scientific Committee, 2016 - Date
- Chairman, NIMR National Retreat Planning Committee, 2016 - Date.
- Member, Appointment, Promotion and Disciplinary Committee (Senior), NIMR, 2011 – Date.

MEMBERSHIP OF SCIENTIFIC SOCIETIES AND ORGANIZATIONS

- Fellow, Commonwealth Science Council (CSC)
- Fellow, Royal Society of Tropical Medicine and Hygiene (RSTMH)
- Member, Third World Organization of Women in Science (TWOWS)
- Member, International Network of Women Engineers and Scientists (INWES)
- Member, Nigerian Society for Parasitology and Public Health
- Member, American Society of Parasitologists
- Member, International Society for Urban Health (ISUH)
- Member/Author, Cochrane Collaboration Depression, Anxiety and Neurosis Group (CCDAN)
the Cochrane Collaboration, UK
- Member, the Systematics Association, UK
- Member, the International Society for Neglected Tropical Diseases (ISNTD)
- Member, African Research Network for Neglected Tropical Diseases (ARNTD)
- Member, World Intellectual Property Organization (WIPO | Re: Search)