

CURRICULUM VITAE

Professor Kabiru Olusegun AKINYEMI B.Sc. (Hons) LASU, M.Sc. (LAGOS), PhD (LAGOS), FAvH (Germany), FRSPH (United Kingdom), FNSME

Google Scholar ID: <https://scholar.google.com/citations?user=sG4kl00AAAAJ&hl=en&oi=ao>

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ResearchGate: https://www.researchgate.net/profile/Kabiru-Akinyemi?ev=hdr_xprf

Web of Science ID: GRX-2472-2022

Scopus ID: <https://www.scopus.com/pages/feedback/author/review-profile?authorIds=56618798000>

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I am self-motivated, positive-minded, with knowledge and professional experience in teaching and research in microbiological analysis of food, water, animal and human specimens in relation to infectious diseases and zoonoses diagnosis, molecular epidemiology, antimicrobial resistance, surveillance and monitoring. I am a result-oriented and quality-focused individual who possesses both academic and administrative leadership in a multicultural environment. I am always interested in any ground-breaking research and development of new scientific/research skills and curriculum and dissemination of scientific findings through training and retraining schemes.

I. PERSONAL DATA

Full name: **Akinyemi**, Kabiru Olusegun
Surname: Other names
Date of Birth: January 2, 1966, Place of Birth: Imota
State of origin: Lagos; Nationality: Nigerian
Local Government Area: Ikorodu
Marital status: Married with Six Children: 26, 23, 21, 16, 14 & 12 years.
Department: Microbiology
Faculty: Science
Place of work: Lagos State University, Ojo, Lagos.
Present Position: Professor
Residential Address: 14, Elemijaye Street, Etegbin-Odo, Ojo, Lagos
Postal Address: P.O.B. 1087, Apapa, Lagos, Nigeria
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E-mail Address: akinyemiko@yahoo.com; kabiru.akinyemi@lasu.edu.ng
Name of Next of Kin: Akinyemi, Mosidat Alaba (Mrs.)
Relationship: Wife.

II. EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES

- (a) University of Lagos, College of Medicine, Idi-Araba, Lagos, Nigeria (1997- 2001) (Doctorate)
- (b) University of Lagos, Akoka, Lagos, Nigeria (1991-1992) (Master's degree)
- (c) Lagos State University (LASU), Ojo, Badagry expressway, Ojo, Lagos, Nigeria (1986-1990) (Bachelor's degree)
- (d) Imota Community Grammar School, Imota-Ikorodu, Lagos State. (1979-1984).
- (e) Imota Methodist Primary School, Imota-Ikorodu, Lagos State (1972-1978).

III. ACADEMIC QUALIFICATIONS WITH DATES

- (a) PhD Medical Microbiology, 2002
- (b) M.Sc. Microbiology, 1993
- (c) B Sc. (Hons.) Microbiology (Upper Division), 1990, 2¹
- (d) General Certificate Education 1985, 1986 & 2008
- (e) Primary School Leaving Certificate, 1978

IV. PROFESSIONAL TRAINING & QUALIFICATIONS WITH DATES

1. International Germany Alumni Advanced Training Seminar Making Alumni Network Digital -E-Learning Africa (MANDELA), May 2024
2. Training on Bio-Risk Management and Curriculum in Nigerian Universities, Organized and Funded by Sandal National Laboratory in Cooperation with the United States Department of State (DOS), the Biological Engagement Programme (BEP), 2015.
3. Certificate in Vaccinology, University of Ghana, in collaboration with the World Health Organization, 2007
3. Certificate in molecular immunology, 2003, University of Ibadan

V. WORK EXPERIENCE

Previous Experience outside the University System

1. Class-room Teacher, 1990/91 Service Year, Government Day Secondary School, Kaura Namoda, Sokoto State (During the National Youth Service Year)
2. Agric-Vet World, Beamslaf Ventures Publications, Lagos, Nigeria. 1993 to 94

Work Experience in Other Universities/Research Institutes

- i. Visiting Scholar hosted by the Brandenburg Technical University of Cottbus-Senftenberg, Germany, with the University of Johannesburg, online training from February to May, 2025, and in-person training Seminar from June 30th to July 11th, 2025, Johannesburg, South Africa.
- ii. Visiting Scholar hosted by the Brandenburg Technical University of Cottbus-Senftenberg, Germany, together with the University of Buea, Cameroon, online training from November 23 to February 24 and in-person training seminar 21-28 May, 2024, Buea, Cameroon.
- iii. Visiting Professor under Erasmus Staff Mobility Programme at WSB University, Poland, September-October 2023.
- iv. Visiting Professor of Alexander von Humboldt Foundation, Friedrich-Loeffler-Institute, Bundesforschungsinstitut für Tiergesundheit (Federal Institute of Animal Health), Institute of Bacterial Infections and Zoonoses, Jena, Germany, 2019.
- v. Guest Scientist of the Alexander von Humboldt Foundation at the Institute of Environment and Animal Hygiene, University of Hohenheim, Stuttgart, Germany (2005 to 2006).
- vi. Guest Scientist of the Alexander von Humboldt Foundation at the Institute of Environment and Animal Hygiene, University of Hohenheim, Stuttgart, Germany (July to Sept 2004).

Detailed Professional Working Experience at Lagos State University, Ojo

1. Professor of Microbiology (2011)
2. Associate Professor (2008-2011)
3. Senior Lecturer (2003-2008)
4. Lecturer I(1999-2003)
5. Lecturer II (1997-2000)
6. Assistant lecturer (1995-1997)
7. First Academic Appointment as an Assistant lecturer, Department of Botany and Microbiology, Faculty of Science, Lagos State University, Ojo, Lagos, Nigeria (March 8, 1995)

Convener of Local and International Training/Workshops

- 1 Lagos State University-Humboldt Kolleg: An International Conference with the theme *'Repositioning Science and Technology to Tackle Food Insecurity, Environmental and Health Challenges through Research Collaborations and Capacity Building for Sustainable Development'*. Supported and sponsored by Alexander von Humboldt Stiftung (AvH), Bonn, Germany. May 2023.
- 2 Sensitization programme on Building a Strong Local and International Academic Linkages and Collaborations, Organised by the Directorate of Linkages, Partnerships and Collaborations in Conjunction with the Legal Department. Sponsored and supported by the Vice Chancellor's office of Lagos State University, February to May 2022.
- 3 Training workshop and Capacity building on Real-time Polymerase Chain Reaction, Organized by Bristol Scientific Ltd, Lagos, in conjunction with QIAGEN, Germany, at the Faculty of Science, Lagos State University, September 2018

VI. HONOURS, DISTINCTIONS, SCHOLARSHIPS AND FELLOWSHIPS

1. **German Academic Exchange Services (DAAD) award** on the framework of SDG German Alumni Projects from the Global South in the University of Johannesburg, July 2025
2. **Travel Grant Award** for International One Health Symposium in Berlin, by Helmholtz One Health Institute, Greifswald, under Federal Travel Expenses Act, Germany, October 2024.
3. **Appointed MENTOR** under the Science Advice Skills Development Program (SASDP-3) 2024, International Network of Government Science Advisers (INGSA)-Africa.
4. **German Academic Exchange Services (DAAD) award** on the framework of SDG German Alumni Projects from the Global South in Kigali, Rwanda, 2024.

5. **Erasmus + Mobility Scholarship award** on the Staff Exchange programme in WSB University, Poland, October 2023.
6. **Alexander von Humboldt Grant Award to Organised International Conference (LASU- Humboldt Kolleg), May 2023**
7. **Award of Recognition** by LASU Alumni Association, November 2022
8. **Award of Recognition of Outstanding and Remarkable Contributions** to the Advancement of Knowledge, Lagos State University Directorate of Advancement (LASUDA), July 2022.
9. **Award of Recognition of Outstanding and Remarkable Contributions to the Advancement of Knowledge and Humanity** by The Church of the Lord, Igbogbo, Lagos, March 2020.
10. **Research Equipment Grant Winner**, Alexander von Humboldt, Germany, October 2019.
11. **Lagos State University Academic Merit Achievement Award**, June 2019.
12. **Renewed Research Sponsorship grant award accompanied Junior Researcher (Mentee- PhD student)** by Alexander von Humboldt Foundation, Germany, between June and November 2019.
13. **National Universities Commission (NUC) Goal Medal Plus Award:** Awards for Participation in the Six Reviews of NUC Accreditation Instruments (2019).
14. **Country-led collaborator on Global Research grant:** Tackling Typhoid (T2 project), undertaken by SickKids Centre for Global Child Health, Toronto, Canada - Funded by Bill and Melinda Gates Foundation (2016 -2018).
15. **Research Equipment Grant Winner**, Alexander von Humboldt, Germany, May 2017.
16. **Travel Grant Award** by SickKids Global Child Health, Toronto, Canada. for the 10th Global Conference on Typhoid and Other Invasive Salmonellosis in Kampala, Uganda, 2017
17. **Award of Excellence by Lagos State University Alumni Association** 2016, for Academic Excellence in Science, 31st March 2016.
18. **Travel Grant Award** Funded by the Bill and Melinda Gates Foundation for Group Meeting Tracking Typhoid (T2) project in London, 2016,
19. **Bio-risk Management training grant award.** Bio-Risk Management, Funded by Sandal National Laboratory in Cooperation with the United States Department of State (DOS), the Biological Engagement Programme (BEP), 2015
20. **Award of Recognition** by Imota Youth Association for immense Contribution to the Development of Imota Local Council Development Area, 12th December 2015.
21. **Award winner of the Bill & Melinda Gates Foundation** for Scientists from low-income countries for the Inter-Science Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and International Congress on Chemotherapy (ICC), ICAAC/ICC in San Diego, California, USA, 2015.

22. **White Thespian Merit Award** by the Association of Theatre Arts Students of Lagos State University, February 2015.
23. **Merit Award of Excellence** by Lagos State University Students' Unions, 2014.
24. Tertiary University Trust Fund (TETFUND) Conference **Travel Grant Awards** 2013 and 2014.
25. Alexander von Humboldt Conference **grant- Award** 2013, Germany.
26. **Award of Excellence** by Lagos State University, Faculty of Arts Students Parliamentary Councils, 2013.
27. **African Success Top Leadership Award** for distinguished Excellence in Service to humanity in corporate leadership for the development of the African Continent (2010).
28. **Fellowship award**, African Vaccinology course, World Health Organization (WHO); University of Ghana, Accra, Ghana; University of Cape Town, South Africa, and the University of Antwerp, Belgium. Accra, Ghana (June 2007).
29. **Man of the Year Award** (2005) by the American Biographical Institute (ABI), Raleigh, North Carolina, USA.
30. International Honours for being among researchers whose published articles appeared on "Science Direct **Top 25 Hottest** Articles in Public Health", 2005 (Oct-Dec Series).
31. **George Forster Research Fellowship of the Alexander von Humboldt (AvH) Stiftung/Foundation**, Post-doctoral award for outstanding research achievements, significantly contributed to international cooperation and understanding, Germany, 2005.
32. **Alexander von Humboldt Scholarship Award** (Goethe) 2004, Germany
33. A Ford Foundation-sponsored research **Award as a Ford Foundation Scholar**, LASU/CDDS 2001/2002 Session.

VII MEMBERSHIP OF ACADEMIC ASSOCIATIONS

1. Fellow Alexander von Humboldt (FAvH), Germany
2. Fellow Royal Society for Public Health (FRSPH), United Kingdom
3. Fellow, Nigerian Society for Microbial Ecology (FNSME)
4. Member American Society for Microbiology (ASM)
5. Member African-German Network of Excellence in Science (AGNES)
6. Member European Society of Clinical Microbiology and Infectious Diseases (ESCMID)
7. Member International Society for Microbial Ecology (ISME)
8. Member American Society of Tropical Medicine and Hygiene (ASTMH)
9. Member International Society of Global Health (ISoGH)
10. Member Nigerian Society for Microbiology (NSM)

11. Member Nigeria Biological Safety Association (NiBSA)
12. Member Nigerian Infection Control Association (NICA)
13. Member Nigerian Society of Immunology (NSI)
14. Member of the Deutschland Alumni Network

VIII MEMBERSHIP OF SOCIAL ASSOCIATIONS

1. Member, Ikorodu Division Resource Development group (Financial Sec.)
2. Member Exclusive Club, Imota
3. Member Organization of Ayayo Clubs, Imota

**TEACHING, RESEARCH, ADMINISTRATIVE AND MANAGERIAL EXPERIENCE
COURSES TAUGHT AT UNDER-GRADUATE LEVEL**

MIC 201: General Microbiology I
MIC 202: Microbial Cytology
MIC 203: Practical Microbiology I
MIC 204: General Microbiology II
BIO 201: Cell Biology
MIC 301: Virology
MIC 306: Microbial physiology
MIC 304: Microorganisms and Diseases
MIC 305: Immunology and Immunochemistry I
MIC 316: Immunology and Immunochemistry II
MIC 306: Microbial genetics
MIC 308: Advanced Practical Microbiology
MIC 401: Experimental Design and Data Analysis
MIC 405: Medical Microbiology
MIC 408: Pathogenicity and virulence
MIC 409: Selected topics
MIC 411: Research Methods in Microbiology
MIC 413: Principle of Epidemiology and Public Health

COURSES TAUGHT AT THE POST-GRADUATE LEVEL

MIC 709: Medical Microbiology
MIC 712: Principle of Immunology and Immunochemistry
MIC 804: General Methods in Microbiology
MIC 809: Advanced Medical Microbiology
MIC 813: Advanced Immunology and Immunochemistry
MIC 814: Advanced bacteriology

Undergraduate & Post-graduate Supervisions and Assessments

1. I have supervised over 300 undergraduates in the Department of Microbiology, LASU.
2. I have supervised over twenty-seven (27) Postgraduate Diploma Dissertations from the 2001/2002 Session till date.
 - Master's dissertations and PhD Theses
 - i) FASURE, Akin Kehinde: Antimicrobial resistance patterns and emerging fluoroquinolone-resistant *Salmonella* isolates from poultry and asymptomatic poultry workers (2012)
 - ii) FAKOREDE, Christopher Oladimeji: Antimicrobial resistance patterns and activity of *Daniellia oliveri*, *Lophira alata*, and *Lannea welwitschii* against plasmid-carrying enteric bacterial pathogens (2016)
 - iii) AJOSEH, Samuel Oluwasegun: A systemic review of cultured positive Human *Salmonella* species and antimicrobial resistance patterns of *Salmonella* isolates from different sources (2020).
 - iv) AKINKUNMI, Monisola Funmilayo: Comparative Identification methods and antimicrobial resistance patterns of Citrobacter species and *Salmonella* species associated with febrile illness in Lagos, Nigeria (2022).
 - v) FAKOREDE, Christopher Oladimeji Ph.D. (00/05/06/MIC/046): Molecular detection of virulence and antibiotic-resistant genes in *Salmonella enterica* serovars from diarrhoeagenic and febrile patients in Lagos, Nigeria (2023)
 - vi) SHAIJU Joseph Ojonugwa Ph.D. (16/9E/03H/002): Sero-prevalence and Molecular Surveillance of Some Arboviruses in four States in Nigeria (2023).
 - vii) MADUBUOBI, Obiageli Grace (150561104) Detection and Screening of Medicinal Plants Against Multiple Drug-Resistant *Pseudomonas aeruginosa* from different sources (2023).
 - viii) ADESANYA, Toyibat Adeseye (03-05-06-317): Antimicrobial Activities of Senna slats and Bryophyll pinnatum Crude Extract on ESKAPE pathogens isolated from Clinical, Animal and Environmental Sources in Lagos, Nigeria (2024).
 - ix) SALAMI, Wasiu Olawale (210561311480) Occurrence and Detection of Carbapenemase and Extended Spectrum Beta-Lactamase (ESBL) Producing *Enterococcus* spp isolated from different sources in Lagos, Nigeria (2024)
 - x) IKEOWA, Ngozi Alexandra (18-9E-018-002) Occurrence of ESBL and AMPC Producing Escherichia coli 0257:H7 from Animal and Environmental Sample Source in Lagos, Nigeria (2024).
 - xi) ABEGUNRIN, Rebecca Omotoyosi Ph.D. (10/9E/02H/00β). Epidemiology and Molecular characterization of carbapenemase-producing *Klebsiella pneumoniae* from different sources in Lagos State, Nigeria (2024).
 - xii) AWULONU, Akunna Favour (22056131001). Antibacterial Activities of Neem Plant-Based Silver Nanoparticles on Some ESKAPE Pathogens (2025).

xiii) AJOSEH, Samuel Oluwasegun Ph.D. (090561028). The Prevalence And Molecular Characterisation of Drug-Resistant Acinetobacter Species Isolated from Hospitalised Patients, Cattle and the Environment, in Lagos State, Nigeria (2025).

3. Internal Assessor of PhD Thesis, in the Faculty of Science.

4. Currently with 3 Master's and

5. **PhD Students** (Main Supervisor)

(i) ADUNMO, Olabisi Olumuyiwa (16/9E/03H/001)

(ii) LAWAL, Aminat OlaJumoke

(iii) SALAMI, Wasiu Olawale (210561311480)

PhD Student (Co-supervisor)

(i) EKEHERIGNE, Oluchi (18(16/9E/03H/007)

External Examiner of Undergraduates, Master's Dissertation and PhD Thesis

- i. University of Lagos, College of Medicine, Idi-Araba, Lagos. (Master and PhD Examinations)
- ii. Joseph Babalola University (JABU), Ikeji-Arakeji, Osun State
- iii. University of Lagos, Department of Microbiology, Akoka, Yaba, Lagos.
- iv. Olabisi Onabanjo University, Ago-Iwoye, Ogun State Nigeria (Undergraduate).
- v. University of the Western Cape, South Africa (PhD Examinations).
- vi. Adekunle Ajasin University, Akongba-Akoko, Ondo State.
- vii. Mangalore University, Karnataka State, India PhD Examinations etc.
- viii. Covenant University, Otta, Ogun State, Nigeria.

International PhD Thesis Assessed/Examined

1. **Marius Belmondo Tincho:** *In silico Optimization and Molecular Validation of Putative ant-HIV antimicrobial peptides for therapeutic purposes.* Department of Biotechnology, University of Western Cape, South Africa (2017)
2. **Chipampe Patricia Lombe:** *Analysis, Expression Profiling and Characterization of hsa-miR target genes to putative dynamic network biomarkers for prostate cancer.* University of Western Cape, South Africa (2018).
3. **Manasa D.J:** *Phytochemical Evaluation and Nanoparticle synthesis from two endemic plants of Western Chan.* University of Mangalore, Kamataka State, India (2019).
4. **Olaekan Olanrewaju Bakare:** *Identification and Molecular Validation of Biomarkers for the Accurate and Sensitive Diagnosis of Bacterial and Viral*

Pneumonia. Department of Biotechnology, University of Western Cape, South Africa (2019)

External Assessor for Staff/grant awardees and Grant providers

External Assessor for academic staff/ grant awards in many Universities

- (i) Joseph Babalola University (JABU), Ikeji-Arakeji, Osun State,
- (ii) Caleb University, Imota, Lagos.
- (iii) University of Western Cape, South Africa.
- (iv) University of Lagos, Idi-Araba, Lagos.
- (v) Adekunle Ajasin University, Akongba, Akoko, Ondo State.
- (vi) Mangalore University, Mangalore, India,
- (vii) Africa Research Excellence Funds Research Development Fellowship, United Kingdom and the Medical Research Council Gambia, etc.
- (viii) Amadu-Bello University, Zaria, Kaduna State, Nigeria.
- (ix) Obafemi Awolowo University, Ile-Ife, Osun State.
- (x) Nigerian Defence Academy, Zaria, Kaduna State.
- (xi) Kaduna State University, Kaduna, Nigeria.

Reviewer/Editorial board member for/learned journals, but not limited to the following:

- a. African Journal of Complementary and Alternative Medicine
- b. Nigerian Postgraduate Medical Journal
- c. African Journal of Health and Medical Sciences
- d. Journal of Medicine Plant Research
- e. African Journal of Microbiology Research
- f. Emergence of Infectious Diseases
- g. Journal of Infections in Developing Countries
- h. African Journal of Health Sciences
- i. Indian Journal of Community Health Care
- j. Journal of Health, Population and Nutrition
- k. Emerging Health Journal
- l. Global Health Journal
- m. Journal of Medicinal Plants Research
- n. Annals of Clinical Microbiology and Antimicrobial Agents
- o. Microbial Drug Resistance.
- p. African Journal of Laboratory and Medical Sciences
- q. BMC Infectious Diseases
- r. Journal of Water and Health.
- s. Journal of Global Antimicrobial Resistance
- t. German Journal of Veterinary Research
- u. German Journal of Microbiology
- v. Pathogens (MDPI Journals)
- w. Veterinary Science (MDPI Journals), etc

Editor of International Journal

- i. Section Editor, Journal of Infections in Developing Countries (JIDC), 2014 to 2017.
- ii. Associate Editor, Journal of Infections in Developing Countries (JIDC), 2017 till date
- iii. Editor, German Journal of Veterinary Research (GJVR), 2021.

Administrative & Managerial Experience (including Community & National Service)

1. **Chairman**, Senate Curriculum Committee of Lagos State University, February 2025
2. **Chairman**, Special Senate Committee on Regeneration of Academic Profiles of Old graduates of LASU, May 2022 till date.
3. **Director**, Directorates of Linkages, Partnerships and Collaborations, May 2020 till date.
4. **Participant** in the National Universities Accreditation Committee review of six Accreditation Instruments (2019),
5. **Senate representative** to the Academic and Promotion Committee of Lagos State University (2019 -2021),
6. **Chairman** of many Ad-hoc Committees of the University Senate (Till date)
7. **Chairman** Taskforce on Proposal to Revive LASU Museum, 2018
8. **Member** of the Nigeria Centre for Disease Control (NCDC) Committee for the review and finalization of Developed Protocols (SOPs) for proper sample transportation in Nigeria, 2018.
9. **Senate representative** on University Postgraduate Board 2018- 2020
10. **Member** University Curriculum Committee, 2015 to date
11. **Chairman**, Alumni Interface Advisory Committee, LASU, February 2016 to date.
12. **Member** Governing Council of Caleb University, Imota, Lagos, Nigeria (August 2015 to September 2021).
13. **Elected Member** of Senate Representative on the University Governing Council (Sept 25th, 2014 to Sept. 24th, 2016).
14. **Chairman** of both the International and National Conference Technical sessions.
15. **Elected Senate Member** to serve on the Selection Board for the Appointment of Principal Officers (University Registrar, Bursar, and Librarian), 2014.
16. **Chairman**, Independent Indigeneship Verification Committee (IIVC) for Lagos State indigenes of Lagos State University (2013 to February 2022).
17. **Re-appointed Dean** of Student Affairs (2013 to 2016).
18. **Member** of Panelist for 2013 National Indommie Award for Heroic Nigerians, 2013.

19. **Congregational representative** to University Appointments and Promotions Committee (2013 to 2015).
20. **Member** University Ceremonies Committee (2012 to 2016).
21. **Dean**, Student Affairs (2011 to 2013).
22. **Member** Ad-hoc Committee for the implementation of Lagos State Government white Paper on the Report of Visitation Panel for Lagos State University (2011).
23. **Faculty of Science representative** on the Board of the Faculty of Law (2008 to 2020).
24. **Chairman**, Academic Staff Union of Universities (Lagos State University Branch). Dec. 18, 2007 to March 2011.
25. **Head** of Department, Microbiology (2006 to 2008).
26. **Member** of the University Panel of Investigation to Sandwich Program Examination Malpractice (2008).
27. **Member** Senate representative. to the University Students Disciplinary Committee (SDC) (2006 to 2008).
28. **Chairman**, Sub-committee of University Student Disciplinary Committee (2007 to 2008).
29. **Chairman**, Ad-hoc examination malpractice committee of Senate, Jibowu campus (2005).
30. **Vice-Chairman**, Academic Staff Union of Universities (Lagos State University branch). Oct. 2005 to Dec 17, 2007.
31. **Ex-Officio**, Academic Staff Union of Universities (Lagos State University Branch), 2003 to 2005.
32. **Member** of the Ad-hoc Committee of the Senate Examination Malpractice Committee in SPTS (2005).
33. **Congregational representative** member of the Senate, LASU (2005 to 2007).
34. **Assistant Director**, School of Part-time Studies (SPTS) Epe Campus (Nov. 2004 to Oct. 2005).
35. **Congregational representative** member to the University Commercial Ventures (2003 -2004).
36. **Chairman**, Faculty Student Welfare Committee (2004/2005 session).
37. **Chairman**, Faculty Examination Malpractice Committee (2003/2004 session).
38. **Chairman**, Lagos State Independent Indigene-ship Verification Committee (IIVC) for the University (Ikorodu Division Panel, 2013).
39. **Secretary**, Lagos State Independent Indigene-ship Verification Committee (IIVC) for the University (Ikorodu Division Panel, 2008 to 2012).
40. **Member** of Lagos State Indigene-ship Verification Committee (IVC) for the University (Ikorodu Division Panel) from 2000 to 2008.
41. **Faculty of Science representative** to Faculty of Social Science (2002-2004; 2005 to 2007).
42. **Course/Level Adviser** to Undergraduate Microbiology Students (1994-2004).

43. **Coordinator** of Postgraduate Diploma (PGD) Students Industrial training (2000/2001 session).
44. **Coordinator** of Postgraduate Diploma (PGD) Student Industrial Training (2000/2001 session).
45. **Coordinator** of Postgraduate Degree Programme in Microbiology (2004/2005).
46. **Coordinator** of Undergraduate Microbiology Students' Industrial Training Programme (1996-1999).
47. **Patron and Staff** Adviser to many Students Associations, such as: the National Association of Microbiology Students (NAMS): Association of Science Students (ASS), LASU Chapter, Ikorodu Students' Association, LASU Chapter, Lagos, Federation of Imota Students etc.
48. Served in many Departmental Committees.

Research Focus and Contribution to Knowledge: My research focus has been on molecular epidemiology of infectious diseases, antimicrobial resistance, evaluation, surveillance and monitoring.

1. My work established a national cut-off antibody titre for the Widal agglutination test in 1997 for fast and preliminary diagnosis of typhoid fever in Nigeria and further added to the existing notion of *Salmonella* agglutinin cross-reaction with malaria parasite in endemic environments like Nigeria in the early 2000s.
2. My research work has provided insight into the use of peripheral leucocyte count as an index of the cellular immune response to *Salmonella* infections not adequate for the diagnosis of patients with Salmonellosis, as to the usual notion for diagnosis.
3. My study on the application of solar irradiation for the prevention of typhoid fever has since been embraced by many Nigerians, particularly those without access to potable water, thus resulting in a reduction of disease incidence.
4. I have contributed extensively to medicinal plant research, particularly some medicinal plants used by Nigerian traditional medical practitioners for the treatment of ailments of microbial origins, such as *Salmonella*-associated diseases, Methicillin-resistant *Staphylococcus aureus*-associated diseases and other bacterial agents associated with enteric diseases, which have been well acknowledged globally.
5. My research on antimicrobial resistance evaluation, surveillance and monitoring in *Salmonella* and other enteric pathogens has guided physicians and policymakers on antimicrobial agent prescriptions and use.
6. My research has provided insight into the molecular basis for antimicrobial resistance in *Salmonella*, such as plasmid-encoded strains of *S. Typhi*, detection of *stn* genes and other virulence genes in strains of *Salmonella enterica* serovars from different sources for better disease intervention strategies.

- 7.** For the first time in Nigeria, I applied both phage typing and pulse field gel electrophoresis to trace the community outbreak-associated *Salmonella* infections with the identification of *S. Typhimurium* DT71 as an aetiological agent.
- 8.** I have applied molecular techniques in the epidemiology of emerging and re-emerging third-generation cephalosporin antibiotics and fluoroquinolones resistance in enteropathogens, particularly *Salmonella enterica* serovars that pave the way for the detection of *bla* CTX and AmPC beta-lactamases producing strains of *Salmonella* spp, which pose a threat to public health.
- 9.** My research work has been able to reveal the epidemiology of Typhoid fever and other *Salmonella*-associated diseases in Nigeria and has contributed to global typhoid fever epidemiological data and policy formulation and direction.
- 10.** I have piloted laudable research projects that promoted academic cooperation by fostering international contacts for periodic review of the situations on emerging and re-emerging drug-resistant *Salmonella* isolates and other infectious diseases.
- 11.** I have engaged in several International collaborations in Germany, Canada, United States of America that have resulted in technology transfer for the development of the Local and National hubs of research laboratories and for the enhancement of professional skills through training and retraining of graduate students and young scientists in Nigeria and by extension to other Africa countries, thus, fostering continuous research network for effective diagnosis and management of infectious diseases and to advance knowledge in the area antimicrobial resistant bacteria and molecular epidemiology of infectious diseases.
- 12.** A typical example of such collaboration is the 'Global Tackling Typhoid (T2) Project'- a project undertaken by SickKids Centre for Global Child Health, Toronto, Canada, where I served as Country (Nigeria) lead collaborator.
- 13.** Currently collaborating with Friedrich-Loeffler-Institute (FLI), Jena, Germany, on genomic sequence and bioinformatics on *Salmonella* from one health. Also, with the University of Nebraska, USA, on genomic invasive Enterobacteriales.
- 14.** My recent stride is the effort to link up with high-income country Institutions in Germany, Italy, the United Kingdom and the United States of America to establish a network for the provision of whole genome sequencing, AMR detection and research infrastructural development.
- 15.** I have been among the extremely few members of Scholars invited to participate in the QS World University Rankings and the Times Higher Education University Ranking etc.
- 16.** Through grants from the Alexander von Humboldt Foundation, Germany, I have established for the first time in Lagos State University a functional molecular Laboratory at the Department of Microbiology, Faculty of Science.
- 17.** I have recently engaged in collaborations with the International Society of Global Health with over 40 Universities on COVID-19 Research Ideas in Low- and Middle-Income Countries (**LMICS**) for research priority setting and policy direction.

Research focus: Professor Akinyemi KO's area of specialization is Medical and Public Health Microbiology. Research on bacterial pathogens of humans, zoonotic bacterial agents, such as pathogen genera include but are not limited to *Salmonella*, *Klebsiella*, *Staphylococcus*, *Brucella*, *Pseudomonas*, *Escherichia*, etc., and other viral zoonotic agents. His research also focuses on molecular epidemiology and pathogenesis of diseases caused by some of these pathogens, with special attention to antimicrobial resistance surveillance, evaluation, and monitoring of current developments in animal and human diseases of veterinary and public health importance. Akinyemi also focuses on Interdisciplinary research cooperation from One Health perspective particularly the application of molecular biology approaches to W.H.O. priority 1 bacterial pathogens ESKAPE (*Enterococcus* species, *Staphylococcus aureus*, *Klebsiella pneumoniae*, *Acinetobacter baumannii*, *Pseudomonas aeruginosa*, and *Enterobacter* species), which are in recent years constitute a major public health concern that usually lead to serious complications and death and with a high tendency to spread to environmental and animal settings.

Team Leader: Emerging and Re-emerging ESKAPE bacterial pathogens Antimicrobial Resistance

Research in Progress:

1. Molecular studies of *Salmonella* species from human, animal and Environmental samples.
2. Molecular characterization of Carbapenemase-producing *Klebsiella pneumoniae* bacteremia and *K. pneumoniae* from clinical and environmental isolates.
3. Characterization of antimicrobial-resistant bacteria from Clinical samples in Lagos public hospitals.
4. Studies on Multiple Drug-resistant *Candida albicans* from Immunocompromised patients.
5. Molecular characterization of ***Acinetobacter baumannii*** from human, food animals and environments and development of diagnostic markers for its detection from different sources.
6. Studies on the efficacy of some Nigerian Medicinal plants on food spoilage bacterial agents and their roles in food safety and security.
7. Zoonotic diseases: Human and Animal brucellosis and Significance in public health

Research Completed.

1. Patterns of Drug Resistance and Activity of *Garcinia kola* on *Streptococcus pneumoniae* from Patients with Acute Pneumonia in Lagos, Nigeria.
2. Occurrence of Extended-Spectrum and AmpC Beta-Lactamases in Multiple Drug-Resistant *Salmonella* Isolates from Clinical Samples in Lagos, Nigeria

3. Bacterial enteropathogens associated with diarrhoeal diseases in HIV and paediatric patients and pattern of drug susceptibility in Lagos, Nigeria.
4. Research priority setting and policy direction on COVID-19 in LMICS
5. Co-existence of *bla*_{CTX-M-9} and *bla*_{CTX-M-15} genes in *Salmonella* spp isolated from febrile and diarrheagenic patients in Lagos, Nigeria.
6. Detection methods and occurrence of multiple drug-resistant non-typhoidal *Salmonella* (NTS) bacteremia and other NTS isolates from different sources in Lagos, Nigeria.
7. *Candida albicans* and Co-Infection with Microbial Pathogens Among Female Sex Workers in Lagos, Nigeria.
8. Whole genomic sequencing of *Salmonella enterica* serovars from human, animal and environmental sources from Nigeria.

International Research Collaborations

1. *Salmonella* bacteremia
2. Tracking Typhoid – What do Global & Country Trends Teach; Trends of Typhoid fever in Lagos, Nigeria (The Hospital for Sick Children, Centre for Global Child Health (C-GCH), Toronto, Canada Partnering with Aga Khan University (AKU), Karachi). The project was funded by the Bill and Melinda Gates Foundation 2016-2018
3. Next-generation Gene sequencing and application of bioinformatics on *Salmonella* strains, Friedrich-Loeffler-Institute (FLI), Jena, Germany.
4. Review on Anaplasmosis in Arabian Countries of Regional and/or Intercontinental Corridors: North Africa and the Middle East, Friedrich-Loeffler-Institute (FLI), Jena, Germany
5. Genomics of *Invasive Enterobacteriales* in conjunction with the University of Nebraska, USA.
6. Brucellosis in Nigeria: Epidemiology and Control Friedrich-Loeffler-Institute (FLI), Jena, Germany.
7. Molecular basis of Carbapenemase-producing *Klebsiella pneumoniae* from one health perspective.
8. Research Priorities settings on Critical infectious diseases in LMICS
9. Research on *Acinetobacter* spp, Brucellosis, and *Salmonella* from one health perspective in conjunction with FLI, Jena, Germany.
9. Collaboration on *Salmonella* and other enteric bacteria research (Data and joint publications) Department of Microbiology, Faculty of Medicine, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

Local Research Collaborations

1. Efficacies of Silver nanoparticles on Methicillin-resistant *Staphylococcus aureus* Detection (Nigerian Institute of Medical Research).
2. Detection and Characterization of Carbapenemase-Producing Enterobacteriaceae (Nigerian Institute of Medical Research, Yaba, Lagos, 2017 till date)

3. Molecular detection and characterization of antimicrobial resistance and virulence genes in *Salmonella* isolates from clinical samples and other sources.
4. Cloxacillin-resistant *Salmonella* spp and other gastrointestinal bacterial agents (Adekunle Ajasin, University)

ACADEMIC PUBLICATIONS

1. Dissertation and Thesis

1. **Akinyemi, K.O.(2001):** "Studies on Multiple Drug Resistance in Salmonella typhi isolated from patients in Lagos, Nigeria. *A thesis submitted to the School of Postgraduate Studies, University of Lagos, in partial fulfillment of the requirements for the award of the degree of Doctor of Philosophy (Ph.D.) in the Department of Medical Microbiology and Parasitology, College of Medicine of the University of Lagos (C.M.U.L.), Akoka, Lagos, Nigeria.*
2. **Akinyemi, K.O.(1992):** Antimicrobial Susceptibility Pattern and plasmid profiles of Pathogenic Bacteria isolated from patients with urinary tract Infections in Lagos, Nigeria. *A Dissertation submitted in partial fulfillment of the requirements for the award of Master of Science (M.Sc.) Degree in Microbiology at the Department of Biological Sciences, University of Lagos, Akoka, Yaba, Lagos, Nigeria.*
3. **Akinyemi, K.O.(1990):** *Incidence of Plesiomonas shigelloides in diarrhoeaic patients from Lagos. A Project submitted in partial fulfillment of the requirements for the award of Bachelor of Science (B.Sc.) Degree in Microbiology in the Department of Biological and Chemical Sciences, Faculty of Science, Lagos State University (LASU), Ojo, Lagos, Nigeria.*

List of Publications of Professor Kabiru Olusegun Akinyemi

Articles in Learned Journals

1. Adesanya, T.A., Salami, W.O., Ajoseh, S.O., Lawal Sanni, A.O. and **Akinyemi, K.O.** (2026). Activities of Two Medicinal Plant Extracts on Multi-Drug Resistant (MDR) ESKAPE Pathogens from Different Environments in Lagos, Nigeria. *Tropical Journal of Natural Product Research*, 10(2), 7316–7323.
<https://doi.org/10.26538/tjnpr/v10i2.39>
2. Ukhureigbe, O.M., Ajoseh, S.O., Agubata, Z.C., Akinyele, H.A., Egwuatu, T.O., Akinyemi, K.O., Moro, D.D. 2026. Prevalence of dermatophytes among tinea capitis-infected pupils and associated risk factors in some Southwestern states of Nigeria. *Nigerian Postgraduate Medical Journal*, 33(2), 219–226.
https://doi.org/10.4103/npmj.npmj_323_24

3. Adewale A.O, Ali H.O, Bakare-Abidola T, Akapo S.T, Obayori O.S, **Akinyemi K.O** (2025). Comparative Quality Assessment of Water Samples from Protected Well and Unprotected Well in Ayobo Area of Lagos State, Nigeria. *Path of Science*; 11 (12) *Path of Science*. DOI: [10.22178/pos.125-65](https://doi.org/10.22178/pos.125-65)
4. Fakorede C.O., Amisu K.O., **Akinyemi K.O.** (2025). Bacterial-associated bloodstream infections among hospitalized patients in Lagos, Nigeria. *BMC Infectious Diseases* 25:1680 <http://creativecommons.org/licenses/by-nc-nd/4.0/>.
5. Anjorin A.A, Abdulkareem A.O, Ashaka O.S, Balogun T.A, Eyedo J, Salami Z.B, **Akinyemi K.O** (2025). Frequency and clinical characteristics of human bocavirus in respiratory illnesses across diverse age groups in Lagos, Nigeria. *Journal of Clinical Virology Plus* 5 (2025) 100225. <https://doi.org/10.1016/j.jcvp.2025.100225>
6. Salami,W.O., Ajoseh, S.O., Lawal-Sanni, A.O., El Tawab, A.A.A., Neubauer, H., Wareth, G., and **Akinyemi, K.O.** 2025. Prevalence, Antimicrobial Resistance Patterns, and Emerging Carbapenemase-Producing Enterococcus Species from Different Sources in Lagos, Nigeria. *Antibiotics*, 14, 398. <https://doi.org/10.3390/antibiotics14040398>
7. Ajoseh, S.O., Anjorin, A.A.A., Salami, W.O., Brangsch, H., Neubauer, H., Wareth, G. and **Akinyemi, K.O.**, 2025. Comprehensive molecular epidemiology of *Acinetobacter baumannii* from diverse sources in Nigeria. *BMC Microbiology*, 25(1), p.178. <https://doi.org/10.1186/s12866-025-03917-5>
8. Ajoseh, S.O., Fakorede, C.O., Abegunrin, R.O., Sodipo, C.O., Lawal-Sanni, A.O., Salami, W.O. and **Akinyemi, K.O.**, 2025. Antimicrobial susceptibility pattern of *Salmonella* isolates from clinical, environmental and food sources in Lagos, Nigeria. *Afr. J. Clin. Exper. Microbiol.* 2025; 26 (2): 182-191. <https://dx.doi.org/10.4314/ajcem.v26i2.9>
9. Ajoseh, S.O., Anjorin, A.A.A., Salami, W.O., Lawal-Sanni, A.O. and **Akinyemi, K.O.** 2025. Occurrence of ESBL and Carbapenemase-Producing *Acinetobacter baumannii* Isolated from Hospitalised Patients in Lagos. *Acta Microbiol. Bulg.* 41(01): 29-47. <https://doi.org/10.59393/amb25410105>
10. Christopher O. Fakorede, Kehinde O. Amisu, **K O. Akinyemi (2024)**. Evaluation of blood culture, Widal reaction, qPCR and Immunochromatographic test in Typhoid fever cases and its Malaria co-infection among hospitalized febrile patients in Lagos, Nigeria, *Infection, Epidemiology and Microbiology*, 10 (3): 201-218
11. Obiageli G. Madubuobi, Aminat O. Lawal-Sanni, Samuel O. Ajoseh, Wasiu O. Salami, Oluchi M. Ukhureigbe **K. O. Akinyemi** (2024). Detection and Screening of Some

Medicinal Plants Against Multiple Drug-Resistant *Pseudomonas aeruginosa* from Selected Sources. *Trop J Nat Prod Res*; 8(7): 7845-7854.

12. **Akinyemi KO**, Ajoseh SO, Adunmo OO, Ukhureigbe OM, Salami WO, and Lawal-Sanni AO (2024). Prevalence, Risk Factors and Antimicrobial Resistance Patterns of *Candida albicans* and Co-Infectious Agents among Female Sex Workers in Lagos, Nigeria. *Pan African Journal of Life Sciences* 8(1): 783-796. DOI: 10.36108/pajols/4202/80.0150.
13. Song P, Adeloye D, Acharya Y, Bojude DA, Ali S, Alibudbud R, Bastien S, Becerra-Posada F, Berecki M, Bodomo A, Borrescio-Higa F, Buchtova M, Campbell H, Chan KY, Cheema S, Chopra M, Cipta DA, Castro LD, Ganasegeran K, Gebre T, Glasnović A, Graham CJ, Igwesi-Chidobe C, Iversen PO, Jadoon B, Lanza G, Macdonald C, Park C, Islam MM, Mshelia S, Nair H, Ng ZX, Htay MNN, **Akinyemi KO**, Parisi M, Patel S, Peprah P, Polasek O, Riha R, Rotarou ES, Sacks E, Sharov K, Stankov S, Supriyatiningsih W, Sutan R, Tomlinson M, Tsai AC, Tsimpida D, Vento S, Glasnović JV, Vokey LBV, Wang L, Wazny K, Xu J, Yoshida S, Zhang Y, Cao J, Zhu Y, Sheikh A, Rudan I (2024); International Society of Global Health (ISoGH). Setting research priorities for global pandemic preparedness: An international consensus and comparison with ChatGPT's output. *J Glob Health*. 2024 Feb 16; 14:04054. doi: 10.7189/jogh.14.04054. PMID: 38386716; PMCID: PMC10869134
14. Ukhureigbe OM, Moro DD, **Akinyemi KO**, Ajoseh SO (2023). Epidemiology, clinical presentation, diagnosis and treatment of dermatophytosis. *FUWTrends in Science & Technology Journal*, www.ftstjournal.com e-ISSN:24085162; p-ISSN:20485170; December. Vol.8No.3pp.368–375
15. **Akinyemi, K. O.**, Ajoseh, S. O., Anjorin, A., Salami, W. S., Lawal, A. O., Bassiouny, M., Neubauer, H. and Wareth, G (2023). A systematic scoping review of microbial pathogens in ruminants with or without a history of abortions in Nigeria. *Ger. J. Vet. Res.* 3 (3): 34-51. <https://doi.org/10.51585/gjvr.2023.3.0062>
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<https://doi.org/10.4236/health.2020.128072>
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73. **Akinyemi KO**, Coker, A.O, Olukoya DK, Oyefolu, A.O, Amorighoye E.P, and Omonigbehin E.O (2000): Prevalence of multi-drug resistant *Salmonella typhi* among clinically diagnosed typhoid fever patients in Lagos, Nigeria. *Zeitschrift fur Naturforschung*, **55** (c): 489-493 (Germany).
74. **Akinyemi KO**, Coker, A.O., Bayagbon, C., Oyefolu, A.O. and Akinside, K.A. (2000): Anti-bacterial screening of five Nigerian Medicinal plants against *S. typhi* and *S. paratyphi*. *Journal of Nigerian Infection Control Association*, **3**:30-33 (Nigeria).
75. Olasupo NA, Alabi SA, **Akinyemi KO** and Omonigbehin EA (1999). The antimicrobial susceptibility pattern of bacterial agents isolated from patients with Diarrhoea, *Biomedical Letter* **60**:77-82 (Britain).
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79. **Akinyemi K.O.** Olukoya, O., Oyefolu, A.O.B, Adewale, A.O. and Bamiro, B.S. (2005): Blood Leucocyte counts in systemic *Salmonella* infection in ciprofloxacin-induced mice. *Referred Proceedings of the 4th Faculty of Science Annual Conference*, September 11-14:30-31 (Nigeria).
80. **Akinyemi, K.O.** Oyefolu, A.O.B, Adewale, A.O. and Odekanmi A.A (2005). Prevalence and antimicrobial susceptibility patterns of septicaemic bacterial agents isolated from

- blood of confirmed Seropositive HIV patients in Ibadan, Nigeria. *Referred Proceedings of the 4th Faculty of Science Annual Conference*, September 11-14:40-42 (Nigeria).
81. Oyefolu, A.O.B., Salu, O.B. **K.O. Akinyemi**, Akor, D.E., and Omilabu, S.A. (2005). Sero-prevalence of Hepatitis B and C Virus Infections among HIV Seropositive patients in Lagos, Nigeria. *Referred proceedings, of the 4th Faculty of Science Annual Conference*, September 11-14:26-27 (Nigeria).
82. A.O.B. Oyefolu, A.C. Nwaeke, R.A Audu, **K.O. Akinyemi**, O.B. Salu, C.P. Muller, S.A. Omilabu (2005): Potency Trend of Measles Vaccines Administered To Children in Lagos State, Nigeria. *Referred proceedings, of the 4th Faculty of Science Annual Conference*, September 11-14:36-38 (Nigeria).
83. **Akinyemi K.O**, Atayese, A.O., Oyefolu A.O.B. (2004): Comparison of the relative effectiveness of culture and serological methods in typhoid fever diagnosis in Abeokuta Metropolis. *Referred Proceeding of 1st International Conference on Science and National Development*, October 25-28:30-38. (Nigeria)

Chapter in Books

84. **Akinyemi KO** and CO Fakorede (2018). Antimicrobial resistance and resistance genes in *Salmonella* enterica serovars from Nigeria in: *Salmonella enterica: Molecular Characterization, role in infectious diseases and emerging research*. Edited by Faruk van Doleweerd, Nova Science Publishers, USA. Pp 103-124. ISBN:978-1-53613-084-3. (USA)
85. Oyefolu AOB., Anjorin AA., Salu O, Oyero OG., Gbadegeshin A, **Akinyemi KO.**, Omilabu SA (2017d). Occurrence of Dengue Virus NS-1 Antigenaemia and Malaria Parasitaemia in Febrile Patients in Lagos, Nigeria in book: *Translating Research Findings into Policy in Developing Countries: Editor- Ojurongbe, Contributions from Humboldt Kolleg Osogbo, 2017-Chapter Health, Treatment, and Infection*. Publisher: LAP Lambert Academic Publisher (Germany).
86. **Akinyemi, K.O** and Ajoseh, S.O (2017): Factors contributing to the Emergence and Spread of Drug Resistance in *Salmonella* species. In *Current Trends in Salmonella and Salmonellosis*. INTECH Publisher, Open Science and Open mind—Pages 97-114 (United Kingdom).
87. **Akinyemi K.O**, Coker A.O (2010): *Salmonella* diseases: The potential use of Medicinal plants as remedies. In Adebooye C.A, Taiwo K.A, Fatufe A.A (2st ed.) *Biotechnology, development and threat of climate change in Africa. The future of human livelihood*. Cuvillier Verlag, Göttingen. Pg 28 -43 (Germany).
88. **Akinyemi K.O**, Ehima S. (2008). *In vitro* Activities of quinolones against respiratory and urinary tract bacterial pathogens in Lagos. In Adebooye C.A, Taiwo K.A, Fatufe A.A (1sted) *Food. Health and Environmental Issues in Developing Countries: The Nigerian Situation*. Cuvillier Verlag, Göttingen. Pg. 242-251. (Germany)

Contributing Editor to books

89. Agric-Food and Id. World. 1998 Edition. Okwu, B. I am Editor-in-Chief of Beamslaf Ventures Publications, Lagos, Nigeria. 205pp.
90. Agric-Vet World.1997 Edition. Edited by B.I. Okwu Editor-in-Chief Beamslaf Ventures Publications, Lagos, Nigeria. 195pp.

Technical Reports

91. **Akinyemi KO** (2020). National Education Challenges: Postponing the Evil Days: A paper presented at the National Conference Organized by the Education Division of The Church of the Lord, Igbogbo, Ikorodu, March 8, 2020.
92. **Akinyemi, K.O.** (2016): Effective Parenting: A paper delivered at a public Lecture organized by African Heroes Club and Associates. Held at Exclusive Club, Ikorodu on January 02, 2016. - (NIGERIA).
93. **Akinyemi, K.O.** (2011). Effective collection and disposal of waste in Lagos State. A paper submitted to the Lagos State Government, August 2011.
94. **Akinyemi, K.O.** (2006). Mechanism of action of HIV infection in the human body. Annual World AIDS Day. At the seminar organized by the Association of Science Students, Lagos State University (ASSLASU), Faculty of Science, LASU, Ojo, Lagos, on 5th of December 2006.

Article Accepted for publication

1. Abegunrin, R.O., Amisu, K.O., Abed, Q.J.O., Ajoseh, S.O., Salami, W.O., Lawal-Sanni, A.O., Saki, M. and **Akinyemi, K.O.**, in press. Evaluation of occurrence, antimicrobial resistance rates, and antibiotic resistance determinants in *Klebsiella pneumoniae* from hospitalised patients in Lagos, Nigeria. BMC Microbiology. Accepted for publication.
2. Ajoseh, S.O., Anjorin, A.A., Brangsch, H., Neubauer, H., Wareth, G. & **Akinyemi, K.O.**, in press. Phenotypic and genotypic characterization of *Acinetobacter junii* and *Acinetobacter nosocomialis* isolated from humans, animals, and the environment in Lagos, Nigeria. One Health (Elsevier). Accepted for publication.
3. **Akinyemi, K.O.**, Adesanya, T.A., Ajoseh, S.O., Salami, W.O., Lawal-Sanni, A.O., in press. Prevalence of Multidrug-Resistant (MDR) in ESKAPE pathogens from Different Sources in Lagos, Nigeria. Acta Microbiologica Bulgaria. Accepted for publication.

Submitted papers currently under review

1. Ajoseh, S.O., Salami, W.O., Lawal-Sanii, A.O., Adesanya, T.A. & Akinyemi, K.O., in press. One-Health risk factors associated with *Acinetobacter* infections in urban Nigerian hospitals: a two-phase cross-sectional analysis. Archives of Public Health.

2. Lawal-Sanni, A.O., Anjorin, A.A Salami, W.O., Ajoseh, S.O., Akinyemi, K.O., in press. Prevalence and Antimicrobial Resistance patterns and detection of resistance and virulence genes in *Pseudomonas aeruginosa* from hospitalized patients in Lagos, Nigeria. *Ibom Medical Journal*.
3. Salami, W.O., Amisu, K.O., Lawal-Sanni, A.O., Ajoseh, S.O., and Akinyemi, K.O., in press. Antimicrobial Resistance Patterns and Biofilm-Production in Vancomycin-Resistant Enterococci (VRE) isolated from Poultry and Ready-to-Slaughter Cattle. *Egyptian Journal of Veterinary Science*.

PAPERS PRESENTED AT CONFERENCES/SEMINARS/WORKSHOPS WITH DATES:

- 1 Ajoseh, S.O., Anjorin, A.A., Brangsch, H., Neubauer, H., Wareth, G. and **Akinyemi, K.O.** Phenotypic and genotypic characterisation of *Acinetobacter* species isolated from humans, animals, and the environment in Lagos, Nigeria. An oral presentation at Regenerative Agriculture: A Pathway to Sustainable Food Production, Food Safety and Environmental Preservation. Organized by FUNAAB Humboldt Kolleg, sponsored by Alexander von Humboldt Stiftung, held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria, 22nd to 25th September 2025.
- 2 **Akinyemi KO** (2025). Advancement and Linkages in the University System for Sustainable Teaching and Research. A paper was presented as a **Guest Speaker** at the National Open University of Nigeria (NOUN) in a virtual sensitization workshop organized by Directorate of Advancement and Linkages of NOUN held on 16th May, 2025.
- 3 **Akinyemi KO**. Abegunrin RO, Kehinde O. Amisu KO (2024). Extended-spectrum β -lactamase and carbapenemase-producing *Klebsiella pneumoniae* in different environments. International One Health Symposium in Berlin, by Helmholtz One Health Institute, Greifswald, under Federal Travel Expenses Act, Germany, October 17 -19, 2024.
- 4 **Akinyemi KO** (2024) Zoonotic Diseases and Microbial Transmission. The 2nd International Conference of the Nigerian Society for Microbial Ecology (NSME). The theme: Microbial Dynamics at the Nexus of Environment: Exploring Interdisciplinary Approaches for Sustainable Environment. Held at Precious Cornerstone University, Ibadan, 19-20 May 2024. (**Lead Paper Presenter**)

- 5 **Akinyemi KO** (2023). *Guide to Effective Mentorship for the Next Generation Academia*. A paper presented at the Humboldt International Conference sponsored by Alexander von Humboldt Stiftung (AvH). The Theme: Envisioning the Future: "Higher Education and Modern Technology in Agriculture, Science, Healthcare and Environment" was held at the Adekunle Ajasin University, Akungba-Akoko, Ondo State, Nigeria on the 23rd -26th of October 2023.
- 6 **Akinyemi KO** (2023). *Is there a dark side to the Internationalisation of Higher Education (IoHE)? How Can We Ensure That It Benefits All?* **An invited paper** presented at the 6th InterUni 2023 – Forum for Internationalisation of Higher Education held at WSB University, Zygmunt Ciepłaka 1c, 41-300 Dąbrowa Górnicza, Poland between October 1 and October 5, 2023.
- 7 **Akinyemi KO** (2022). *Emerging Zoonotic Infectious Diseases: Collaboration and Multidisciplinary Biotechnology Approach to Curbing Human Catastrophe*. An Invited paper delivered at the Lagos Alexander von Humboldt Kolleg Conference with the theme: *Africa's Bioeconomy and Sustainable Development: Emerging Biological Technologies for Food Production, One Health and Waste to Wealth*, held at the University of Lagos, Akoka, Lagos, from November 7 to 8, 2022.
- 8 Ajoseh OS, Wareth G, Neubauer H, **Akinyemi KO** (2022). *Acinetobacter baumannii* from the One Health Perspective in Nigeria: A systematic review of Literature in the last decade (2011-2021). A paper was presented Lagos State University 4th Research Fair. Themes: Repositioning the Nigerian University System for Global relevance and Competitiveness in Learning, Research, Innovation and Technological transfer held at Makanjuola Hall, Lagos State University, Ojo, Lagos, between September 6 and 7, 2022.
- 9 Ajoseh OS, Adunmo OO, **Akinyemi KO** (2022). *Candida albicans* and co-infections with microbial pathogens among Female sex workers in Lagos, Nigeria, A paper presented at the Humboldt International Conference sponsored by Alexander von Humboldt Stiftung (AvH). The Theme: Impact of AVH-sponsored programmes and Fellows on Building a sustainable economy based on Science and Research in Sub-Saharan Africa, held at Federal University of Technology, Akure, Ondo State, March 21-March 23, 2022.
- 10 **Akinyemi KO**, Fakorede CO, Amisu KO (2022). Multiple drug-resistant Non-typhoidal *Salmonella* (NTS) bacteraemia and other NTS from different sources in Lagos, Nigeria. A paper presented at the Virtual Humboldt Colloquium Science and Research as Drivers for Development – German-African Cooperation in the Post-COVID-19 Era, organised by the Head of Sponsorship and Network Department with the Head of Division Africa, Alexander von Humboldt Foundation, Bonn, Germany; between March 30 and March 31, 2022.

- 11 **Akinyemi KO**, Akinyemi I A, Ajoseh SO (2020). National Education Challenges: Postponing the Evil Days: A paper presented at the National conference organised by the Education Division of the Church of the Lord, Igbogbo, Ikorodu, March 8, 2020.
- 12 Parvizi O, **Akinyemi KO**, Roesler U, Neubauer H, Mertens-Scholz K (2019). Review on Anaplasmosis in Arabian Countries of Regional and/or Intercontinental Corridors. Paper presented at the Institute of Bacterial Infections and Zoonoses, Institute, Bundesforschungsinstitut für Tiergesundheit, FLI, Jena, Germany, November 27, 2019.
- 13 Fakorede CO, Iwalokun BA, Oyefolu AOB, Fakorede CO, Abegunrin RO, Adunmo OO, Ajoseh SO **Akinyemi KO** (2018). Antimicrobial resistance patterns in *Salmonella enterica* from Clinical samples. A paper presented at the Humboldt International Conference sponsored by Alexander von Humboldt Stiftung (AvH) at Adekunle Ajasin University, Akangba, AAUA, Akoko, Ondo state, Nigeria, June 4-7, 2018.
- 14 **Akinyemi K.O**, Ajoseh OS, Iwalokun BA, A.O.B. Oyefolu (2017). Antimicrobial Resistance and Plasmid profiles of *Salmonella enterica* serovars from different sources in Lagos, Nigeria. A paper presented at the 5th Faculty of Science, Lagos State University Annual Conference, October 10-14, 2017.
- 15 **Akinyemi KO**, Oyefolu AOB, Iwalokun BA, Mutiu WB, Ayeni ES, Ajose OS (2017). Tackling Typhoid: Trends in Lagos, Nigeria. A paper presented at the symposium held at the 10th International Conference on Typhoid another Invasive Salmonellosis held at Kampala Serena International Conference Centre in Kampala, Uganda from April 4 -6, 2017.
- 16 **Akinyemi KO**, Oyefolu AOB, Iwalokun BA, Mutiu WB (2016). Overview of Salmonellosis in Nigeria. A paper presented at Tackling Typhoid (T2) Global Project Advisory Group meeting, organized by SickKids Centre for Global Child Health, Funded by Bill and Melinda Gates Foundation at Hilton London Paddington 146, Praed Street, London from 9th to 12th March, 2016.
- 17 **Akinyemi KO**, Iwalokun BA, Fakorede C, Fasare AK (2015). Paper presented at Inter-science Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and International Congress on Chemotherapy (ICC) i.e. ICAAC/ICC 2015 in conjunction with American Society for Microbiology (ASM) ICAAC/ICC September 16-21, 2015.
- 18 Ashaka, O.S, Oyefolu, B, Omilabu S, Salu O, **Akinyemi K.O** and Anjorin, A. (2015): Sero-prevalence of Hepatitis C virus in HIV-seropositive Children in Lagos, Nigeria. **Article MV-05** in the Programme and Book of Abstracts of the 38th Annual General Meeting and Scientific Conference of Nigerian Society for

Microbiology (NSM) Themed: *The Role of Microbiology in National Economic Transformation* held at: Multipurpose Hall, University of Lagos, Akoka, Lagos Nigeria (September 01 - 05, 2015).

- 19 **Akinyemi KO**, Iwalokun BA, Fakorede C, Fasure AK. Activities of three Nigerian medicinal plants on plasmid-mediated multidrug-resistant enteric bacterial pathogens. Paper presented at the International Microbiology Congresses of the International Union of Microbiological Societies (IUMS), Montréal, Canada, from July 27 - August 1st, 2014.
- 20 **Akinyemi KO**, Iwalokun BA, Abosede AJ, Akinyosoye AD, Fasure AK Application of RAPD and emerging Plasmid-mediated third-generation cephalosporins resistance in *Salmonella* serotypes from patients in Lagos, Nigeria. Paper presented at the 5th Congress of European Microbiologists (FEMS). International Conference Centre Leipzig, Germany, From July 21 to 25, 2013.
- 21 **Akinyemi K.O** Coker A.O. *Salmonella* diseases: The potential use of Medicinal plants as remedies. Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Biotechnology, Development and Treatment of Climate Change in Africa: The Future of Human Livelihood. Obafemi Awolowo University, Ile-Ife, Nigeria. Sept. 6th- 10th, 2009.
- 22 **Akinyemi K.O**, Ehima S. (2008). *In vitro* Activities of quinolones against respiratory and urinary tract bacterial pathogens in Lagos. Humboldt Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Nutritional and Environmental issues in Developing Countries: Scientific, Health and Social dimension: The Nigerian Situation. Obafemi Awolowo University, Ile-Ife, Nigeria. August 3rd -7th, 2008.
- 23 **Akinyemi K.O** (2007). Influenza: the disease and the virus. International workshop/course organized and sponsored by Glaxo Smith-Kline (GSK) in collaboration with the World Health Organization (WHO); University of Ghana, Accra, Ghana; University of Cape Town, South Africa and the University of Antwerp, Belgium. Held at Earl Beam Hotel, Dzorwulu, Accra, Ghana (June 24-30, 2007).
- 24 **Akinyemi K.O**. (2006). Mechanism of action of HIV infection in the human body, Annual World AIDS Day, at the seminar organized by the association of science

students, Lagos State University (ASSLASU), Faculty of Science, LASU, Ojo, Lagos, on 5th of December 2006.

- 25 **Akinyemi K.O**, Philip W. Beyer W. Bohm R (2006). Application of phage typing and Pulse Field Gel Electrophoresis analysis of *Salmonella* isolates from clinical and environmental samples. An annual post-doctoral seminar organised by the Institute of Environment and Animal Hygiene, University of Hohenheim, Stuttgart, Germany. August 13th and 14th, 2006.
- 26 **Akinyemi K.O** (2006): Molecular characterization of *Salmonella* isolates from Lagos, Nigeria. Introductory meeting of Humboldt fellow at Erlangen-Nuremberg, Germany, February 13-15, 2006.
- 27 Nessie, E.S., **Akinyemi, K.O.**, and Oyefolu, B.O. (2005). Anti-typhoidal activity of *Lagenaria breviviflorus* (Tagirl) against *Salmonella typhi*. First annual research conference and fair, Faculty of Science, University of Lagos. Article 8.6, Wednesday, October 26, 2005.
- 28 **Akinyemi, K.O**, Atayese, A.O., Oyefolu, B. (2004) Comparison of relative effectiveness of culture and serological methods in typhoid fever diagnosis in Abeokuta metropolis. A paper presented at the First International Conference on Science and National Development. Organized by the College of Natural Sciences, University of Agriculture, Abeokuta, Ogun State, Nigeria, October 25-28, 2004.
- 29 Oyefolu A.O.B., A.C. Nwaeke, R.A Audu, **K.O. Akinyemi**, O.B. Salu, C.P. Muller, S.A. Omilabu (2005): Potency Trend of Measles Vaccines Administered to children in Lagos State, Nigeria. Article A5, Faculty of Science Annual Conference, and September 11-14, 2005.
- 30 Oyefolu, A.O.B.; O.B. Salu, **K.O. Akinyemi**, D.E. Akor, S.A. Omilabu (2005): Sero-prevalence of Hepatitis B and C Virus Infections among HIV seropositive patients in Lagos, Nigeria. Article A6, Faculty of Science Annual Conference, September 11-14, 2005.
- 31 **Akinyemi, K.O**; Olubunmi Olukoya, A.O.B. Oyefolu; Adams O. Adewale; Babajide, S. Bamiro (2005): Blood Leucocyte counts in systemic *Salmonella* infection in ciprofloxacin-induced mice. Faculty of Science, Lagos State University Annual Conference, September 11-14, 2005.

- 32 **Akinyemi, K.O.** A.O. B Oyefolu; Adams O. Adewale; Akeem A. Odekanmi (2005): Prevalence and antimicrobial susceptibility patterns of septicaemic bacterial agents isolated from blood of confirmed seropositive HIV-patients in Ibadan, Nigeria. Article A19, Faculty of Science, Lagos State University, Annual Conference. September 11-14, 2005.
- 33 Oyefolu, A.O.; Omilabu, S.A., **Akinyemi K.O.**, Salu O.B., Adebayo, I.O., and Ehima D (2001): Measles resurgence in Nigeria: a review on the attributable factors. A paper presented at the 2nd Annual Faculty of Science Conference, Lagos State University (LASU) Ojo, Lagos, Nigeria: Food and environment in the New Millennium. November 1-3, 2001.
- 34 Omilabu, S.A., Badaru S.O.S, Oyefolu, A.O, Sandey, E., **Akinyemi K.O** and Salu, B. (2001): Complement-fixing antibody titres among HIV-1 sero-positive patients in Lagos, Nigeria. A paper presented at the 2nd Annual Faculty of Science Conference, Lagos State University (LASU) Ojo, Lagos, Nigeria: Food and environment in the New Millennium. November 1-3, 2001.
- 35 **Akinyemi, K.O.**; Oyefolu, A.O.B.; Smith, S.I.; Omonigbehin, E.A.; and Coker, A.O. (2001): An attempt to produce *Salmonella* rabbit antisera in Lagos, Nigeria. A paper presented at the 2nd Annual Faculty of Science Conference, Lagos State University (LASU), Ojo, Lagos, Nigeria: Food and Environment in the New Millennium. November 1-3, 2001.
- 36 Oyefolu, A.O., Omilabu, S.A., Durosinmi, A.T., Ajose, A.O., **Akinyemi, K.O.** and Koko, A.S. (1998): Levels of measles HI-antibody in unvaccinated children in LILG Lagos, Nigeria. A paper presented at the 1st Scientific Conference of Nigeria Infection Control Association (NICA), December 9-10, 1998, paper 2 (Oral presentation).
- 37 **Akinyemi, K.O.**; Coker, A.O.; Bayagbon, C. Oyefolu, A.O. and Akinside, K.A. (1998): Anti-bacterial screening of five Nigerian Medical plants against *S. typhi* and *S. paratyphi*. A paper presented at the 1st Scientific Conference of Nigerian Infection Control Association (NICA), December 9-10, 1998, paper 4 (poster Presentation).

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED WITH DATES.

1. 7th Lagos State University 7th Research Innovation Fair: Promoting the Quadruple Helix Collaboration: Government, University, Industry and Community. Wednesday 8th and Thursday 9th October, 2025; Aderemi Makanjuola Lecture Theatre, Lagos State University, Ojo.
2. Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). A Pathway to Sustainable Food Production, Food Safety and Environmental Preservation. Federal University of Agriculture, Abeokuta, Ogun State, Nigeria, 22nd to 25th September 2025.
3. International Germany Alumni Advanced Training Seminar hosted by the Brandenburg Technical University of Cottbus-Senftenberg, Germany, with the University of Johannesburg, online training from February to May, 2025, and in-person training Seminar from June 30th to July 11th, 2025, Johannesburg, South Africa.
4. International One Health Symposium, Organised by Helmholtz One Health Institute, Greifswald, Germany, held at Mercure Hotel, Berlin, October 17 -19, 2024.
5. International Germany Alumni Advanced Training Seminar Making Alumni Network Digital -E-Learning Africa (MANDELA) organized and hosted by the Brandenburg Technical University of Cottbus-Senftenberg, Germany, together with the University of Buea, Cameroon, online training from November to February and an in-person training seminar from 21-28 May 2024, Buea, Cameroon.
6. Participation in the Conference of e-learning Africa with the theme: "Education Fuel Innovation Investment Amplifies Skills: Africa's Vibrant Leap Forward", Organized and Funded by the German Academic Exchange Services (DAAD) in the framework of the Programme SDG Alumni Projects: Knowledge and Practice for Development for Germany Alumni from the Global South. Held at Kigali Conference Centre, Kigali, Rwanda, 29-31 May 2024.
7. The 2nd International Conference of the Nigerian Society for Microbial Ecology (NSME). The theme: Microbial Dynamics at the Nexus of Environment: Exploring Interdisciplinary Approaches for Sustainable Environment. Held at Precious Cornerstone University, Ibadan, 19-20 May 2024.
8. Training workshop on intellectual property rights & technology transfer. Organized by the Directorate of Research Management and Innovation, LASU, and National Office for Technology Acquisition and Promotion, collaborates to foster innovation and intellectual property rights at the maiden training workshop and commissioning of LASU intellectual property rights & technology transfer office between 3rd and 14th May 2024 at the Senate Chamber, 1st Floor, Babatunde Raji Fashola Senate Building, LASU, Ojo., Nigeria.
9. Ibadan Humboldt Kolleg, 2024. The Theme: Empowering women in academia: advancing inclusion, equality, and diversity, sponsored by Alexander von

- Humboldt Stiftung (AvH), held at the International Conference Centre, University of Ibadan, between 5th and 8TH March 2024
10. Lagos State University Biennial Faculty of Science International Conference. Theme: Research and innovation: Exploring the Role of Science and Technology held at Makanjuola Hall, Lagos State University, Ojo, Lagos, between November 11th and 14th, 2024
 11. Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). The Theme: Envisioning the Future: "Higher Education and Modern Technology in Agriculture, Science, Healthcare and Environment" was held at the Adekunle Ajasin University, Akungba-Akoko, Ondo State, Nigeria on the 23rd -26th of October 2023
 12. The 6th Inter-Uni 2023 – Forum for Internationalization of Higher Education held at WSB University, Zygmuntka Ciepłaka 1c, 41-300 Dąbrowa Górnicza, Poland between October 1 and October 5, 2023.
 13. Lagos State University Centre for the Actualisation of the United Nations Sustainable Development Goals, National Conference titled "At the midpoint of Agenda 2030, Sustainable Development Goals: which way Nigeria and Africa?" held at Makanjuola Hall, Lagos State University, Ojo, Lagos, between Monday, 28th and Tuesday, 29th of August 2023.
 14. Lagos State University 5th Research and Innovation Fair. *Theme:* "Harnessing Sustainable *Research* and Innovation in *Nigerian Universities* towards National Growth and Development held at Makanjuola Hall, Lagos State University, Ojo, Lagos, between September 5 and 6, 2023
 15. Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). The Theme: Research and Capacity Building for Agricultural Industrialized Economy of Sub-Saharan Africa" was held at the Obafemi Awolowo Auditorium of the Federal University of Technology, Akure on the 6th of June 2023.
 16. LASU-Humboldt Kolleg, 2023, sponsored by Alexander von Humboldt Stiftung (AvH). An International Conference with the theme 'Repositioning Science and Technology to Tackle Food Insecurity, Environmental and Health Challenges through Research Collaborations and Capacity Building for Sustainable Development held at Aderemi Makanjuola Auditorium, Lagos State University May 1 -May 5, 2023.
 17. Lagos Alexander von Humboldt Kolleg *Conference with the theme: Africa's Bioeconomy and Sustainable Development: Emerging Biological Technologies for Food Production, One Health and Waste to Wealth*, held at the University of Lagos, Akoka, Lagos, *from November 7 to 8, 2022.*

18. The 3rd International Society of Global Health (ISoGH)'s Annual Conference. Theme: Pandemic preparedness, research priority setting, global health metrics, improved equity and social justice, health economics and policy, and knowledge exchange and dissemination held in Dubrovnik, Croatia, from Sept 12-14, 2022. (Online participant).
19. Lagos State University 4th Research and Innovation Fair. Themes: Repositioning the Nigerian University System for Global relevance and Competitiveness in Learning, Research, Innovation and Technological transfer held at Makanjuola Hall, Lagos State University, Ojo, Lagos, between September 6 and 7, 2022.
20. Lagos State University Workshop on Leadership. Theme: Leading and Managing Through an Unstable Business Environment, organised by the Directorate of Staff Welfare, LASU, held between August 17 and 19, 2022.
21. Workshop on Revamping Academic Culture towards Achieving Academic Excellence in Lagos State University, held Main Auditorium, LASU, Ojo, Lagos, on Thursday, May 5, 2022.
22. Virtual Humboldt Colloquium Science and Research as Drivers for Development – German-African Cooperation in the Post-COVID-19 Era, organised by Head of Sponsorship and Network Department with Head of Division Africa, Alexander von Humboldt Foundation, Bonn, Germany; Webinar held 30 and 31 March, 2022
23. Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). The Theme: Impact of AvH-sponsored programmes and Fellows on Building a sustainable Economy based on Science and Research in Sub-Saharan Africa, held at Federal University of Technology, Akure, Ondo State, March 21-March 23, 2022
- 38 Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Related Research Outcomes. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. November 23, 2021.
- 39 Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Achieving the Sustainable Development Goals: Related Research Outcomes. Ladoke Akintola University of Technology, Ogbomosho, Oyo State, Nigeria. June 29 – July 2, 2021.
- 40 The 11th Annual Vaccines World Summit 2021, Virtual. Organized by IMAPAC Singapore, May 19-20, 2021.
- 41 Workshop on Strategic Blueprint and Process Mapping Workshop for Profitably Managing Research, Linkages & Internationalization Directorates (RLID) for

Directors of RLIDs of Tertiary Institutions, Organized by SEAN Cussons Business School, Abuja, 17th -18th May, 2022, Virtual.

- 42 Faculty of Science International Conference. Theme: The Role of Science and Technology in Combating Current and Future Global Challenges. December 2 -4, 2020.
- 43 Lagos State University 2nd Research Fair. Themes: Innovative Products and Design for Micro, Small and Medium Scale Enterprises (MSMEs). Sub-themes: Building Capacity for MSMEs, Improving Financial Access and Managerial Skills for MSMEs, Health, Safety and Environment in the MSMEs, innovative products and design for MSMEs, University- MSMEs Partnership, Legal Considerations for MSMEs. Held at Makanjuola Building, LASU, 17 November 2020.
- 44 IMAPAC's 1st Corona 360 In-Conversation Live Moderated Interview on Coping with Clinical Trials Challenges of SARS-CoV-2 Vaccines, Organized by Bioinformatics in Africa OMICS June 11, 2020. Webinar
- 45 National conference organized by the Education Division of the Church of the Lord. Theme: National Education Challenges: Postponing the Evil Days. Held at Church Conference Hall, Igbogbo, Ikorodu, Lagos. March 8, 2020.
- 46 International JSS Programme Organized by Institute, Bundesforschungsinstitut für Tiergesundheit, FLI, Jena, Germany, The Theme: Changes in Prevention and Eradication of Infection. September 25 to 27, 2019.
- 47 Annual meeting of Alexander von Humboldt Stiftung. Identifying New Areas of Research on Climate Change and Robotic Science. Humboldt Network 250th anniversary 26 – 28 June 2019, Berlin, Germany.
- 48 EKST-Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH) at Ekiti State University, Ado-Ekiti, Ekiti State, Nigeria. The theme: The Social, Economic, Political, and Scientific Implications of the drive towards Green and Sustainable Development through utilization of Renewable resources April 7-11, 2019.
- 49 The 6th Faculty of Science, Lagos State University Annual Conference. *Theme: Science and Technology in a Greener Environment.* October 15-19, 2018.
- 50 Humboldt-FUTA International Conference Sponsored by Alexander von Humboldt Stiftung (AvH) at Federal University of Agriculture, Akure, Ondo State, Nigeria. The theme: Science and Technology as a Panacea to Revitalize Insurgence-based economy in Achieving Wealth and Health security, October 1-5, 2018.
- 51 One-day Symposium Organized Jointly by the University of Lagos Post-graduate School and Lagos Humboldt Club. Theme: Research Collaboration and Networking in a 21st Century Knowledge-Driven Economy: Utilizing Opportunities in Germany.

- Sponsored by Alexander von Humboldt, Germany and the German Consulate/German Embassy, Lagos. September 28, 2018.
- 52 Real-time Polymerase Chain Reaction Installation and Training, Organized by Bristol Scientific Ltd, Lagos, in conjunction with QIAGEN, Germany, at the Department of Microbiology, Faculty of Science, Lagos State University, Ojo, Lagos, Nigeria, August 6-7, 2018.
 - 53 Humboldt-AAUA International Conference Sponsored by Alexander von Humboldt Stiftung (AvH) at Adekunle Ajasin University, Akangba, AAUA, Akoko, Ondo state, Nigeria. The role of Commercialization of University-based research results for national development, June 4-7, 2018.
 - 54 Intensive National Workshop on Research Grant Writing and Administration. Organized by Lagos State University, Ojo, Lagos, from February 12-14, 2018.
 - 55 The 5th Faculty of Science, Lagos State University Annual Conference. *Theme:* October 10-14, 2017.
 - 56 Tackling Typhoid: Trends in Lagos, Nigeria. A paper presented at the symposium held at the 10th International Conference on Typhoid another Invasive Salmonellosis held at Kampala Serena International Conference Centre in Kampala, Uganda from April 4 -6, 2017.
 - 57 Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Translating Research Funding into Policy in Developing Countries, Ladoke Akintola University, College of Health Sciences, Osogbo, Osun State, Nigeria. January 24 -27, 2017.
 - 58 The 7th Annual Scientific Conference of Nigerian Institute of Medical Research (NIMR). Theme: "*Achieving Health-Related Sustainable Development Goals In Nigeria: The Role of Research and Innovation*"Held at NIMR, 6 Edmund Crescent, Yaba, Lagos. November 8 – 10, 2016.
 - 59 Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH).; Multidisciplinary forum on Molecular Technology; laying the foundation for Revolutionary Research in Nigeria, October 11 -15, 2016, University of Lagos, Akoka, Lagos, Nigeria.
 - 60 Tackling Typhoid (T2) Project Advisory Group meeting, organized by SickKids Centre for Global Child Health, Funded by Bill and Melinda Gates Foundation at Hilton London Paddington 146, Praed Street, London, 9th to 12th March, 2016.
 - 61 Bio-Risk Management, Curriculum Development in Nigerian Universities, Organized and Funded by Sandal National Laboratory in Cooperation with the United States Department of State (DOS), the Biological Engagement Programme (BEP) at Transcop Hilton Hotel, Abuja, Nigeria, 16-20 November 2015.
 - 62 Inter-science Conference on Antimicrobial Agents and Chemotherapy (ICAAC and International Congress on Chemotherapy (ICC), i.e., ICAAC/ICC 2015 in

- conjunction with American Society for Microbiology (ASM), ICAAC/ICC 2015. September 16 – 21, 2015, in San Diego, California, USA.
- 63 Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Harvesting research outcomes: A practical plan to confirm achievement of the Millennium Development Goals. The Millennium Goals: Ladoke Akintola University, Ogbomosho, Nigeria. January 13 -16, 2015.
 - 64 The XIV International Microbiology Congresses of the International Union of Microbiological Societies (IUMS), which took place in Montréal, Canada, July 27 - August 1st, 2014.
 - 65 The 5th Congress of European Microbiologists (FEMS): Discussion on situations to future challenges and to provide topical coverage of key disciplines. International Conference Centre Leipzig, Germany, July 21 to 25, 2013.
 - 66 Workshop on Strategic Management of Student Affairs: Changing the Roles of Student Affairs, the 21st Century Approach. Hilton London Docklands, Docklands, London, April 23rd -26^t, 2013.
 - 67 Alexander von Humboldt Kolleg Conference Climate Change and Sustainable Development: Cultural and Techno-environmental Responses in West Africa. The Conference Centre of the University of Ibadan, October 11 -14, 2011.
 - 68 Molecular Biology Workshop "Molecular Biology: the backbone of evidence-based Medicine" organized by Nigerian Institute of Medical Research, Yaba, Lagos, August 2- 7, 2010.
 - 69 Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Building a non-oil export-based economy for Nigeria: The Potential of value-added products from Agricultural residues, Ladoke Akintola University, Ogbomosho, Nigeria. January 11 -14, 2010.
 - 70 Humboldt International Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Biotechnology, Development and Treatment of Climate Change in Africa: The future of human livelihood. Obafemi Awolowo University, Ile-Ife, Nigeria. Sept. 6- 10, 2009.
 - 71 Humboldt Conference Sponsored by Alexander von Humboldt Stiftung (AvH). Nutritional and Environmental issues in Developing Countries: Scientific, Health and Social dimension: The Nigerian Situation. Obafemi Awolowo University, Ile-Ife, Nigeria, August 3 -7, 2008.
 - 72 Thirty-First Annual National Conference and scientific meeting of the Nigerian Society for Microbiology (NSM). Microbiology and Sustainable Development at Usman Dan-Fodio University, Sokoto State, Nigeria. 28th to 31st October, 2007
 - 73 International workshop/course organised and sponsored by Glaxo Smith- Kline (GSK) in collaboration with the World Health Organisation (WHO); University of Ghana, Accra, Ghana, University of Cape Town, South Africa and the University of

- Antwerp, Belgium. Held at Earl Beam Hotel, Dzorwulu, Accra, Ghana (June 24 – 30, 2007).
- 74 Annual workshop on Laboratory safety and infection controls and precautions, organised by the Institute of Environment and Animal Hygiene, University of Hohenheim, Stuttgart, Germany, January 12, 2006.
- 75 Workshops on Treatment of Drinking, safety, and infection control and precautions, organized by Ein Element von Elementary Bedeutung EnBW regional AG, Stuttgart. December 4, 2005.
- 76 Fourth Annual Conference of the Faculty of Science, Lagos State University (LASU), Ojo, Lagos, Nigeria. September 11-14, 2005.
- 77 . Annual Introductory meeting of Alexander von Humboldt Stiftung Einführung, Erlangen-Nürnberg, Germany. February 13-15, 2005.
- 78 First International Conference on Science and National Development. *Organised* College of Natural Sciences, University of Agriculture, Abeokuta, Ogun State, Lagos, Nigeria. October 25-28, 2004.
- 79 Workshop (26-hour Lectures) on Molecular and cellular basis of immune response "at College of Medicine, University of Ibadan in collaboration with the Dept of Immunologie, Laboratoire National De Santé. 20th August Lumiere L 1011, Luxembourg. December 8-12, 2003.
- 80 The 2nd Annual Faculty of Science Conference, Lagos State University (LASU), Ojo, Lagos, Nigeria: Food and Environment in the New Millennium. November 1-3, 2001.
- 81 The 2nd Annual Scientific Conference of the Nigerian Infection Control Association (N.I.C.A) The Environment and Health: waste disposal and your health, October 27, 1999.
- 82 The 1st Annual Science Conference of the Nigerian Infection Control Association (N.I.C.A.): Setting up infection control programmes in the hospital and community. December 9-10, 1998.
- 83 The 23rd Annual scientific conference of the Nigerian Society of Microbiology: Challenges in Biotechnology for the next Millennium: December 1-4, 1998.
- 84 The 1st International workshop on Herbal medicinal products organised by the pharmacognosy Department, Faculty of Pharmacy, University of Ibadan, Nigeria, in collaboration with the Commonwealth Secretariat, London: standardisation and utilisation of herbal medicine: challenges of the 21st century. Nov. 22-24, 1998.
- 85 The 16th annual General Meeting and Science Conference of the Nigerian Society of Pharmacognosy: Commercialisation of medicinal plants research and the environmental implications. November 12, 1998.

86 The 5th Annual General Meeting and Science Conference of the Nigerian Venereal Disease Association (NIVEDA): HIV-AIDS in women and children in Nigeria. September 10-12, 1998.

87 The opening and Science Conference of the Nigerian Infection Control Association (NICA) infection control in Nigeria: a time for action. January 27, 1998.

EXTRA-CURRICULAR ACTIVITIES

Reading, Travelling, Watching Movies, particularly African Movies

REFERENCES

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