

## **Dr. MUHAMMAD ALI**

**ADDRESS:** Department of Microbiology, Federal University Gusau

**PHONE:** (+234) 7032967252; **EMAIL:** [alimuhd4real@gmail.com](mailto:alimuhd4real@gmail.com)

**ResearchGate:** <http://www.researchgate.net/profile/Muhammad-Ali-441>

**Google Scholars:** <http://scholars.google.com/citation?user=ylwgpHAAAAAJ&hl=en>

**LinkedIn:** <https://linkedin.com/in/dr-muhammad-ali-57a42014a>

**Orcid:** <https://orcid.org/0000-0001-9215-2826>

**Web of Science Researcher ID:** ID-A-7696-2018

**AREA OF SPECIALIZATION:** Medical/Pharmaceutical Microbiology

### **PERSONAL DATA**

1. Name: **Muhammad Ali**
2. Date of Birth: 14/09/1978
3. State of Origin: Kano
4. Marital Status: Married
5. Sex: Male
6. Nationality: Nigerian
7. Present Address: No. 2579 Rimin-Kebe, Ungogo L.G.A. Kano, Kano State Nigeria.
8. Postal Address: Department of Microbiology, Federal University Gusau, Zamfara State Nigeria.
9. Mobile Numbers: 07032967252
10. Email Address: [alimuhd4real@gmail.com](mailto:alimuhd4real@gmail.com)

### **RESEARCH INTERESTS**

1. Infectious Diseases
2. Antimicrobial Resistance (AMR)
3. Clinical Microbiology
4. Bacterial Pathogenesis
5. Antimicrobial Susceptibility Testing
6. Public Health Microbiology

## **EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES**

1. Aliko Dangote University of Science and Technology, Wudil (2020-2026)
2. Aliko Dangote University of Science and Technology, Wudil (2013- 2017)
3. ISP Computer Institute, Kano (2006)
4. Federal college of Education, Kano (2005-2006)
5. Bayero University, Kano (1997- 2002)
6. Kano State College of Art and Science and Remedial Studies (1996)
7. Science Secondary School Dawakin Kudu (1991- 1994)
8. Tudun -Murtala Special Primary School, Kano (1983-1998)

## **QUALIFICATIONS OBTAINED WITH DATES**

1. Ph. D. Medical/Pharmaceutical Microbiology (2026)
2. MSc. Medical/Pharmaceutical Microbiology (2017)
3. Post graduate Diploma in Information Technology (2006)
4. Post graduate Diploma in Education (2006)
5. B.Sc. Applied Biology, Bayero University, Kano. (2002)
6. Interim Joint Admission and Matriculation Board Examination (1996)
7. West African Examination Council Certificate (1994)
8. Primary School Leaving Certification (1988)

## **WORK EXPERIENCE**

1. Lecturer I (2022 - Date): Department of Microbiology, Federal University, Gusau, Zamfara State, Nigeria.
2. Lecturer II (2019 - 2022): Department of Microbiology, Federal University, Gusau, Zamfara State, Nigeria.
3. Assistant Lecturer (2018 - 2019): Department of Microbiology, Federal University, Gusau, Zamfara State, Nigeria.
4. Part-time Lecturer, (2016 - Date): Department of Pharmaceutical Technology, School of Technology, Kano State Polytechnics, Kano State
5. Master II (2012 - 2018): Biology Unit, School of Basic and Remedial Studies, Ahmadu Bello University, Funtua Katsina State Nigeria

6. Education officer (2004 - 2012): Kano State Secondary School Management Board, Ministry of Education Kano State, Nigeria

## PUBLICATIONS

1. **Ali, M.**, Diso, S.U., Zage, A.U. (2016). Antibacterial Activity and Phytochemical Screening of *Gynandropsis gynandra* on Some Pathogenic Bacteria Isolates. Proceeding of the 2<sup>nd</sup> NWUSCIAIC November, 2016 Pp57-60
2. **Ali, M.**, and Yahaya, A. (2016). Antibacterial Activity and Phytochemical Screening of *Carica papaya* on *Staphylococcus aureus* Recovered from Patients with Urinary Tract Infections. *International journal of Applied Research and Technology* 5(11): 34-39
3. **Ali, M.**, Aminu, F. and Ibrahim, I.S. (2017). In-Vitro Assessment of Antibacterial Activity and Phytochemical Screening of *Vitex doniana* on Clinical Isolate of *Salmonella typhi*. *International Journal of Advanced Academic Research | Sciences, Technology & Engineering*. Vol. 3, Issue 1: 09 – 16
4. **Ali, M.**, Zage, A. U., Muhammad, A. A. and Sani, M. (2017). Pelvic Inflammatory Diseases: A Review. *International Journal of Applied Research and Technology*. 6(1): 27 – 31.
5. **Ali, M.**, Yahaya, A., Zage, A. U. and Yusuf, Z. M. (2017). *In-vitro* Antibacterial Activity and Phytochemical Screening of *Psidium guajava* on Some Enteric Bacterial Isolates of Public Health Importance. *Journal of Advances in Medical and Pharmaceutical Sciences* 12(3): 1-7. DOI: 10.9734/JAMPS/2017/31126
6. Ibrahim, I.S., **Ali, M.** and Zage, A.U. (2016). Phytochemistry of Methanolic and Aqueous Extracts of *Eucalyptus Camaldulensis* Leaves, Seeds and Stem Bark. *International Journal of Advanced Academic Research | Sciences, Technology & Engineering*. Vol. 2, Issue 12: 75 – 80
7. Aminu, F. and **Ali, M.** (2017). Isolation and Identification of Microorganisms Associated with Spoilage of Cabbage (*Brassica Oleracea*) in Sabon-Gari Market Kano Nigeria. *International Journal of Advanced Academic Research | Sciences, Technology & Engineering*. Vol. 3, Issue 2: 1 – 8
8. Yahaya A., **Ali M.** and Idris A. (2017). Antibacterial Activity and Phytochemical Screening of *Carica papaya* on some Enteric Bacterial Isolates of Public Health

Importance. *Greener Journal of Biological Sciences*. Vol. 7 (1), pp. 001-007. DOI: <http://doi.org/10.15580/GJBS.2017.1.122916224>

9. Diso, S.U., **Ali, M.**, Mukhtar, S. I. and Garba M. (2017). Antibacterial Activity and Phytochemical Screening of *Mangifera indica* (Mango) Stem and Leaf Extracts on Clinical Isolates of Methicillin Resistant *Staphylococcus aureus*. *Journal of Advances in Medical and Pharmaceutical Sciences*. 13(1): 1-6. DOI: 10.9734/JAMPS/2017/31127
10. **Ali, M.**, Diso, S. U., Zage, A. U., Muhammad, A. A. and Garba, M. (2017). Characterization and Determination of Antimicrobial Sensitivity Pattern of *Staphylococcus aureus* Associated with Urinary Tract Infection. *Journal of Advances in Biology & Biotechnology*. 12(4): 1-6. DOI: 10.9734/JABB/2017/31125
11. Aminu, F., Agbo, E. B., Yahaya, M. S. and **Ali, M.** (2017). Assessment of Micro-organisms Associated with Spoilage of Watermelon (*Citrillus lanatus*) in Kano, Nigeria. *International Journal of Applied Research and Technology*. 6(2): 55 – 61
12. Shehu, M., Ahmed, I., Yahaya, S. M. and **Ali, M.** (2017). Antibacterial activity of *Carica papaya* leaf extracts and *Mangifera indica* stem bark extracts against stool isolates of *Salmonella typhi*. *International Journal of Applied Research and Technology*. 6(7): 45 – 51
13. Nas, F. S., Yahaya, A. and **Ali, M.** (2017). Prevalence of Malaria with respect to age, gender and socio-economic status of fever related patients in Kano city Nigeria. *Greener journal of epidemiology and public health*, 5(5): 044-049, <http://doi.org/10.15580/GJEPH.2017.5.091017126>
14. Asiya, A. and **Ali, M.** (2017). Biological control of water pollution at Challawa Industrial Area Kumbotso Local Government Area using *Moringa oleifera* seed extract. *Greener Journal of Biological Science*. 7(6): 063-068, <http://doi.org/10.15580/GJBS.2017.7.120517176>
15. Nas, F. S., **Ali, M.** and Yahaya, A. (2017). Identification of some enteric bacteria from diarrhea stool sample of patients attending Murtala Muhammad Specialist Hospital Kano, Nigeria. *International Journal of Advanced Academic Research | Sciences, Technology & Engineering*. Vol. 3 (9) 1 - 9
16. Nas, F. S. and **Ali, M.** (2017). Antibacterial activity of *Boswellia dalzielii* leaves extracts against some pathogenic bacteria isolates. *Journal of Advance in Microbiology*. 7(1): 1- 8

17. Nas, F. S. and **Ali, M.** (2017). Phytochemical screening and Antibacterial activity of *Azadirachta indica* stem bark and leaves extracts against *Escherichia coli* and *Staphylococcus aureus* isolated from spoiled watermelon. *Journal of Pharmaceutical and Allied Sciences*. Vol. 14 (4) 2616 – 2624
18. Nas, F. S. and **Ali, M.** (2017). Efficacy of Honey Extracts against some Bacterial Isolates from Infected Wound. *Journal of Pharmaceutical and Allied Sciences*. Vol. 14 (4) 2625 – 2631
19. Diso, S. U., **Ali, M.** and Ja'afar, S. (2017). Prospect and Challenges on Ebola Virus Vaccine Development: A Review: Proceedings of the 3rd YUMSCIC Nov., 2017 Pp 205-210
20. Nas, F. S. and **Ali, M.** (2017). *In Vitro* Antimicrobial Activity of *Dodonaea viscosa* Leaves Extracts on Some Microbes Isolated from Spoiled Watermelon Proceedings of the 3rd YUMSCIC Nov., 2017 238-242
21. **Ali, M.**, Diso, S. U., Minjibir, A. A., Sani, J. S., Nas, F. S. and Yahaya, A. (2017). Assessments of Medicinal Plants Used in Treatment of Various Ailments in Kano City, Nigeria *Asian Journal of Biotechnology and Bio-resource Technology* 2(4): 1-11. DOI: 10.9734/AJB2T/2017/38844
22. **Ali, M.** Yahaya, A., Nas, F. S., Anas, A. and Ibrahim, I. S. (2017). Trends in Treatment and Vaccine Development of Typhoid Fever: A Review *Asian Journal of Biotechnology and Bio-resource Technology* 2(4): 1-7. DOI: 10.9734/AJB2T/2017/38835
23. Minjibir, A. A. and **Ali, M.** (2018). Determination of the location of Uracil-DNA Glycosylase (UDG) Protein in Lungs Cancer Cells. *Asian Oncology Research Journal* 1(1): 1-6, DOI: 10.9734/AO RJ/2018/3883
24. **Ali, M.**, Nas, F. S., Yahaya, A. and Ibrahim, I. S. (2018). Phytochemical Screening of Some Spices Used as Condiment in Kano, North Western Nigeria. *Pharm Res*, 2(1): 000150.
25. **Ali, M.**, Nas, F. S., Yahaya, A. and Ibrahim, S. I. (2018). Characterization and Determination of Antibiotic Sensitivity Pattern of Bacteria from Infected wound. *Annals of Microbiology and Infectious Diseases* Volume 1, Issue 1, PP 39-44
26. **Ali, M.**, Nas, F. S., Yahaya, A., Minjibir, A. A. and Ibrahim, S. I. (2018) Antibacterial Activity of Gallic (*Allium sativum*) Extracts on Food Borne Pathogens. *Annals of Microbiology and Infectious Diseases* Volume 1, Issue 1, PP 45-51

27. **Ali, M.**, Nas, F. S., Yahaya, A. and Ibrahim, I. S. (2018) Efficacy of Clove (*Syzygium aromaticum*) Extracts on Food Borne Pathogens. *Bioequiv & Bioavailab Int J.* 2(1): 000123.
28. Abdullahi, M. A. and **Ali, M.** (2018). Determination of Sensitivity Pattern of DNA Repair Genes to Anticancer Drugs. *Mod Appl Pharm Pharmacol.* 1(3). MAPP.000519
29. **Ali, M.** and Nas, F. S. (2018). Epidemiology, Biology, Clinical Manifestation and Prevention of Influenza Virus Disease: A Review. *Virol Immunol J*, 2(4): 000155.
30. Farouk S Nas, **Muhammad Ali**, Abdullahi Yahaya (2018). Population Dynamics of Mosquito Larvae at Various Breeding Sites in Kano Metropolis, Nigeria Research & Reviews: Research Journal of Biology 6 (2): 36 - 40
31. **Ali, M.** and Nas, F. S. (2018). Lower back pain; its causes and physical therapy: a review. *MOJ Yoga Physical Ther.* 3(2):29–32. DOI: 10.15406/mojypt.2018.03.00040
32. Auwal U, Olanitola S, Lawan F D, **Muhammad A.** (2018). Antibacterial Activity of Fractionated Extracts of *Carica papaya* Leaves and Stem Bark against Clinical Isolates of Methicillin Resistant *Staphylococcus aureus* (MRSA). *Mod Appl Pharm Pharmacol.* 1(5). MAPP.000525. 2018.
33. Nas F. S., **Ali M.**, Yahaya A. and Kabiru A.G. (2018). Retrospective Study on Incidence of Measles in Kumbotso Kano, Northern Nigeria. *Virol Immunol J* 2018, 2(6): 000170.
34. Nas F. S. and **Ali M.** (2018). Characterization of Fungal Species in Three Different Locations of Bayero University, Kano. *Biological and Environmental Sciences Journal for the Tropics* 15(1) Pp1-5
35. Farouk S Nas, T I Oyeyi, Abdullahi Yahaya and **Muhammad Ali** (2018) “Genetic and Molecular Basis for *Plasmodium falciparum* Resistant to Antimalarial Drugs: A Review”. *Chronicles Of Pharmaceutical Science* 2.4 (2018): 606-613.
36. Nas, F. S, Zage, A. U. and **Ali, M.** (2018) Phytochemical Screening and Antibacterial Activity of *Garcinia kola* Seed Extracts Against Pathogenic Methicillin Resistant *Staphylococcus Aureus*. *Bayero Journal of Pure and Applied Sciences*, 10(2): 198 – 203 <http://dx.doi.org/10.4314/bajopas.v10i2.33>
37. Nas, F. S, **Ali, M** and Yahaya A. (2018) Malaria And Typhoid Fever Co Kumbotso Local Government Area Kano, Nigeria. *Bayero Journal of Pure and Applied Sciences*, 10(2): 122 – 125 <http://dx.doi.org/10.4314/bajopas.v10i2.21>

38. Umar A, Nas FS and **Ali M** (2018). Antibacterial Efficacy of *Carica papaya* Leaves and Stem Bark Extracts on Clinical Isolates of Methicillin Resistant *Staphylococcus aureus* (MRSA). *Bioequiv & Bioavailab Int J* 2018, 2(2): 000126.
39. Nas, F. S., Yahaya, A., Zage, A. U., Garba K. A. and **Ali M.** (2018)“Characterization and Evaluation of Antibiotic Susceptibility Pattern of Clinical Isolates of Methicillin Resistant *Staphylococcus aureus* at Some Tertiary Hospital in Kano, Nigeria ", *International Journal of Research studies in Microbiology and Biotechnology*, vol. 4, no. 2, p. 38-44, 2018. <http://dx.doi.org/10.20431/2454-9428.0402004>
40. **Ali, M.**, Farouk, S. N., Abdullahi, A. M. and Musa, A. A. D. (2018) Isolation and Evaluation of Antibiotic Resistivity Pattern of Faecal Coli forms Bacteria Isolated from River Wudil Kano, Nigeria. *Advancements Bioequiv Availab.* 1(2). ABB.000509.2018
41. Farouk S. N., **Muhammad A.**, Aminu M. A. (2018) Application of Nanomaterials as Antimicrobial Agents: A Review. *Arch Nano Op Acc J* 1(3)- 2018. ANOAJ.MS.ID.0001
42. Nas FS, **Ali M**, Ahmad AM (2018). In Vitro Antibacterial Activity of Different Extracts of *Zingiber Officinale* against Bacterial Isolates Responsible for Food Spoilage.
43. Nasiru A S, Farouk S N, Sani U D and **Muhammad A.** Antibiotic Sensitivity Pattern of Bacteria Isolated from Semen of Male Patients with Infertility Attending Murtala Muhammad Specialist Hospital Kano, Nigeria. *Advancements Bioequiv Availab.* 1(4). ABB.000519.2018.
44. Farouk Nas S, Musa Diso AA, Idris IS, **Muhammad Ali.** Determination of Antibiotic Susceptibility Pattern of Clinical Isolates of *Salmonella typhi* and *Escherichia coli*. *Ann Rev Resear.* 2018; 2(5): 555596.
45. Nasir AS, Agbo EB, Sani MY and **Ali M.** Assessment of microbiological quality of semen of male patients with infertility at Murtala Muhammad specialist hospital Kano, Nigeria. *MOJ Bioequiv Availab.* 2018; 5(3):170–174. DOI: 10.15406/mojbb.2018.05.00098
46. **Ali M**, Mu’azu L, Abdallah MS et al. Prevalence of *Helicobacter pylori* among Adult Ulcer Patients in Kano, Northern Nigeria. *J Adv Res Biology* 2020; 2(1): 1-4.
47. Minjibir AA, Diso SU, Nas FS, Zage AU, **Ali M.** Novel Coronavirus Disease-19 and Host Immune Response: A Review. *Clin Res Immunol* 2020; 3(1):1-5.
48. Abdullahi A. Minjibir, Sani U. Diso, Idris S. Ibrahim, Muhammad S. Abdallah, **Muhammad Ali.** Comparative Study of Widal test against Stool Culture in Diagnosis of

Typhoid Fever Suspected Cases in Kano, Northern Nigeria, South Asian Res J Eng Tech; 2020; 2(5): 39-44. DOI: 10.36346/sarjet.2020.v02i05.001

49. Ja'afar S. Adam, Abdullahi A. Minjibir, Muhammad S. Abdallah, Lurwan Mu'azu, **Muhammad Ali** (2020), "Antibacterial Activity of *Commiphora Africana* Leaf Extracts on Some Bacteria Associated with Persistent Diarrhea", Arch Health Sci; 4(1): 1-7. DOI: 10.31829/2641-7456/ahs2020-4(1)-139
50. Farouk S. Nas, **Muhammad Ali**, Muhammad S. Abdallah, Lurwan Mu'azu, Risk Factors Associated with the Progression and Proliferation of Novel Covid-19: A Systematic Review. ARC Journal of Immunology and Vaccines, 2020; 5(1): 9-15.
51. Sani U. Diso, Ja'afar S. Adam, Lurwan Mu'azu, Muhammad S. Abdallah, **Muhammad Ali**. Isolation and Characterization of Some Fungi Associated with Superficial Fungal Infections. ARC Journal of Dermatology, 2020; 5(1):12-16. DOI: <https://doi.org/10.20431/2456-0022.0501003>
52. Farouk S. Nas, **Muhammad Ali**, Lurwan Mu'azu, Muhammad S. Abdallah (2020). Sero-prevalence of Dengue Fever among Febrile Patients Attending Kura General Hospital Kano, Nigeria, Mathews J Immunol Allergy. (4)1:10 DOI: <https://doi.org/10.30654/MJIA.10010>
53. **Ali M**, Diso SU, Abdullah MS, Mu'azu L, Nas FS. Determination of antibiotics susceptibility profile of *Shigella* species isolated from children with acute diarrhea. Int J Clin Microbiol Biochem Technol. 2020; 3: 054-058. DOI: 10.29328/journal.ijcmbt.1001017
54. Abdullahi Yahaya, Salaha, A. Othman, **Muhammad Ali**, and Farouk S. Nas (2022). Gastrointestinal Helminths of Guinea fowl (*Numidae meleagris*) Slaughtered at Garin dau Market, Warawa Local Government Area, Kano State, Nigeria. Biosciences Journal FUDMA 2(1): 85-93
55. Farouk S. Nas, Eka Ekanem, **Muhammad Ali** and Muhammad S. Abdallah (2022). Review on SARS-CoV-2 Variants of Concern (VOC). SAR Journal of Pathology and Microbiology, 3(2):18-23 DOI:10.36346/sarjpm.2022.v03i02.003
56. Shuaibu YI, Badariya BB, Muazu L. and **Ali M** (2024). Antibacterial activity of *Guiera senegalensis* Root Extract against some clinical isolates. International Journal of Health and Pharmaceutical Research 9(1): 82 – 89 DOI: 10.56201/ijhpr.v9.no.12024.pg82.89

57. Zage AU, Nas FS, **Ali M**, and Shafiu Aliyu (2024). Maternal Anemia and Risk of Neonatal mortality. A Review. *Neonatal* 4(1):16 DOI: <https://doi.org/10.35702/neo.10016>
58. **Ali M.**, Farouk S. Nas, Mu'azu L, and Yakubu S. Ibrahim (2024). Dermatitis: Types, causes, Symptoms and Management. A Review. *Dermis* 4(3):16. DOI: <https://doi.org/10.35702/Derm.10016>
59. **Ali M**, Nas FS, Garba KK, Ibrahim IS, Mu'azu L. (2023). Antifungal activity and phytochemical screening of *Calotropis procera* leaf extracts against some dermatophytes. *International Journal of Dermatology Research*; 5(1): 21-25
60. **Ali M**, Mu'azu L, Nas FS, Diso SU and Zage AU (2024). Mechanism of Human Immune Response against Microbial Infection: A Review. *Euro J Immuno Res* 3(1):105 DOI: <https://doi.org/10.36266/EJIR/105>
61. Tajo M.S, Garba K.K, Zage A.U, Nas F.S, and **Ali, M** (2024). Prevalence of Ticks among Indigenous Breeds of Local Dogs in Kano Metropolis *International Journal of Medical Evaluation and Physical Report* 8(1): 53 0- 60 DOI: 10.56201/ijmepr.v8.no1.2024.pg53.60
62. Asiya Anas and **Muhammad Ali**, (2025), Correlation between Malaria and Anemia among 5 Years Children Attending Some Primary Health Facilities in Kano Metropolis, *Clinical Reviews and Case Reports*, 4(3); DOI:10.31579/2835-7957/108
63. **Ali M**, Gambo S, Zage, A.U, Baba A.M and Adamu SM (2025). Determination of Extended Spectrum Beta-lactamase (ESBL) Producing Enterobacteriaceae from Children infected with Diarrhea in Kano, Northern Nigeria. *MSI Journal of Medicine and Medical Research (MSIJMMR)* 2(5): 1- 14
64. Saifullahi Gambo, **Muhammad Ali**, Abubakar Salim Charanchi (2025). Incidence of Malaria among Pregnant Women Attending Some Health Facilities in Gusau, Zamfara State, Nigeria. *MSI Journal of Medicine and Medical Research (MSIJMMR)*, 2(9): 1- 14 <https://zenodo.org/records/17060365>
65. Saifullahi Gambo, **Muhammad Ali**, Abubakar Salim Charanchi (2025) Knowledge, Awareness and Practices of Preventive Measures for Malaria among Pregnant Women Attending Selected Health Facilities in Gusau, Zamfara State Nigeria. *Glob Acad J Med Sci*. 7(4): pp 201 - 208 DOI: <https://doi.org/10.36348/gajms.2025.v07i04.009>
66. Bashir, BM, Fatima, MW, Diso SU, Baba AM, **Ali M** (2025) Prevalence of Malaria and Typhoid Fever Co-Infection among Patient Attending Murtala Muhammad Specialist

Hospital, Kano. *Glob Acad J Med Sci*; 7(4): 154-160 DOI: <https://doi.org/10.36348/gajms.2025.v07i04.001>

67. Ali M, Ahmed I, Yusha'u M and Shehu A.A, (2025), Antibacterial Activity of *Sclerocarya Birrea* (a. Rich, Hochst) (Marula) Stem Bark extracts against Clinical Isolates of some Multi Drug Resistant Enteric Bacteria Causing Diarrhea in Children, *Clinical Reviews and Case Reports*, 4(2); DOI:10.31579/2835-7957/126

## CONFERENCES

1. Northwest University, Kano Faculty of Science 2<sup>nd</sup> International Conference 6<sup>th</sup> -9<sup>th</sup> November, 2016
2. Botanical Society of Nigeria (BOSON) 25<sup>th</sup> Annual conference Usman Dan Fodio University Sokoto 2<sup>nd</sup> – 6<sup>th</sup> July, 2017
3. Bayero University Kano, Faculty of Science International Science Conference 27<sup>th</sup> – 30<sup>th</sup> August, 2017
4. Genetic Society of Nigeria (GNS) Annual Conference Makurdi, 2017, 15<sup>th</sup> – 19<sup>th</sup> October, 2017
5. Yusuf Maitama Sule University, Kano Faculty of Science 3<sup>rd</sup> Annual International Conference 15<sup>th</sup> – 17<sup>th</sup> November, 2017
6. Nigerian Society for Microbiology (NSM) 40<sup>TH</sup> Scientific Conference and Annual General Meeting Bauchi, 4<sup>th</sup> – 8<sup>th</sup> December, 2017
7. National Water Resources Institute, 7<sup>th</sup> National Water Conference Kano 12<sup>th</sup> – 14<sup>th</sup> December, 2017
8. Nigerian Society for Microbiology (NSM) 41<sup>st</sup> Scientific Conference and Annual General Meeting Katsina, 3<sup>rd</sup> – 7<sup>th</sup> September, 2018
9. Yusuf Maitama Sule University, Kano Faculty of Science 4<sup>th</sup> Annual International Conference 8<sup>th</sup> – 11<sup>th</sup> July, 2019
10. Zoological Society of Nigeria (ZSN), 13<sup>TH</sup> Annual Conference Ahmadu Bello University Zaria, 5<sup>th</sup> – 8<sup>th</sup> August, 2019
11. Medical Laboratory Science Bayero University Kano, International Conference on ONE HEALTH Kano 2019, 9<sup>th</sup> – 14<sup>th</sup> December, 2019

12. Botanical Society of Nigeria (BOSON) 28<sup>th</sup> Annual Conference and General Meeting  
Federal University Kashere 12<sup>th</sup> – 16<sup>th</sup> September, 2021
13. Yusuf Maitama Sule University, Kano Faculty of Science 5<sup>th</sup> Annual International  
Conference 18<sup>th</sup> – 19<sup>th</sup> October, 2023
14. Department of Microbiology, 2<sup>nd</sup> UMYU Conference on Microbiology and Related  
Sciences, Umaru Musa Yar'adua University Katsina 27<sup>th</sup> – 29<sup>th</sup> February, 2024
15. Department of Microbiology, 3<sup>rd</sup> UMYU Conference on Microbiology and Related  
Sciences, Umaru Musa Yar'adua University Katsina 16<sup>th</sup> – 18<sup>th</sup> April, 2025
16. Kaduna State University Center for Biosecurity, Biosafety, Infectious Diseases and One  
Health (CEBBIDOH) International Hybrid Conference on Antimicrobial Resistance: A  
Global treat 4<sup>th</sup> – 6<sup>th</sup> June, 2025
17. Science Association of Nigeria (SAN) and Faculty of Life Science, Bayero University  
Kano 57<sup>th</sup> Annual Conference of SAN 2025 30<sup>th</sup> June – 3<sup>rd</sup> July, 2025
18. Faculty of Natural and Applied Science, Umaru Musa Yar'adua University Katsina 1<sup>st</sup>  
UMYU – NAS Conference 2025 27<sup>th</sup> – 30<sup>th</sup> July, 2025

### **LABORATORY SKILLS**

1. Bacterial culture and isolation
2. Gram staining and microscopy
3. Biochemical identification of bacteria
4. Antimicrobial susceptibility testing (disk diffusion, MIC and MBC)
5. Molecular Biology techniques (PCR – if applicable)
6. Data analysis using statistical software (Excel)

### **WORKSHOPS**

1. The Book Publishing Process: An Elsevier Author Workshop organized by Elsevier on 30<sup>th</sup>  
June, 2020
2. Microbial Quality Control in Manufacturing of Medicinal Products organized by Labroots  
on 29<sup>th</sup> September, 2020
3. Bio-hydrogen Production: An Insight into Thermophilic Bacteria organized by The  
American Society for Microbiology on 31<sup>st</sup> October, 2020

## **PROFESSIONAL AFFILIATIONS**

1. Teachers Registration Council of Nigeria (TRC) 2009
2. Nigerian Society of Microbiology (NSM) 2013
3. American Society of Microbiologist (ASM) 2015
4. Royal Society of Tropical Medicine and Health (RSTMH) 2023

## **HOBBIES**

1. Travelling
2. Research
3. Reading

## **REFEREES**

1. Dr. Farouk Sani Nas  
Department of Biological Sciences Bayero University, Kano  
Phone: 08035228004, E-mail: [fanasgg7@yahoo.com](mailto:fanasgg7@yahoo.com)
2. Dr. Abdullahi Yahaya  
Department of Biological Sciences Kano University of Science and Technology, Wudil  
Phone: 08065404228, E-mail: [yahayabdul@yahoo.com](mailto:yahayabdul@yahoo.com)
3. Dr. Nura Salisu  
Department of Biological Sciences Ahmadu Bello University, Zaria  
Phone: 08031513910 E-mail: [salisunura77@gmail.com](mailto:salisunura77@gmail.com)