

CURRICULUM VITAE



A. BIODATA

NAME: Selim Adewale **ALARAPE**, *DVM, MVPH*
SEX: Male
DATE OF BIRTH: 11th May, 1977
MARITAL STATUS: Married
NATIONALITY: Nigerian
STATE OF ORIGIN: Osun
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LiveDNA: <https://livedna.org/234.33583>

B. UNIVERSITY EDUCATION (WITH DATES)

- Ph.D (Aquatic Epidemiology and Toxicology), University of Ibadan, Nigeria (2024)
- Masters Degree in Veterinary Public Health and Preventive Medicine (MVPH), University of Ibadan, Nigeria (2012)
- Doctor of Veterinary Medicine (DVM), University of Ibadan, Nigeria (2010)
- Higher National Diploma (HND), Animal Health Technology, Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan. (2003)
- National Diploma (ND), Animal Health and Production Technology, Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan. (2000)

C. PROFESSIONAL QUALIFICATIONS AND DIPLOMAS

- Registered Veterinary Surgeon (VCN Reg. No 5862)

D. EMPLOYMENT WITH DATES/JOB EXPERIENCE

CURRENT EMPLOYMENT:

1. October, 2022 till date: **Lecturer Grade I**, Department of Veterinary Public Health and Preventive Medicine, University of Ibadan, Ibadan.

Responsibilities as a Lecturer include:

- Teaching of Undergraduate Clinical Students (Fish and Wildlife Health Management), Animal Welfare, Veterinary Epizootiology and Preventive Medicine, veterinary Ethics and Jurisprudence)
 - Conducting research in Aquatic and Wildlife Disease Epidemiology and Toxicology, Fish and Shellfish Diseases and Hygiene, Advanced Veterinary Extension, Veterinary Public Health and One-Health.
2. August 16th 2019 to October 2022: **Lecturer Grade II**, Department of Veterinary Public Health and Preventive Medicine, University of Ibadan, Ibadan.

Responsibilities as a Lecturer include:

- Teaching of Undergraduate Clinical Students (Fish, Wildlife, and Environmental Health Management; Animal Welfare)
 - Conducting research in Aquatic and Wildlife Animal Medicines with a specific focus on environmental, Public Health, One-Health
3. 2020 till date: **Registrar/Clinician**, Veterinary Teaching Hospital, University of Ibadan, Ibadan, Nigeria

Responsibilities as a Registrar/Clinician include:

- Vaccination of pets (Dogs and Cats) and ruminant animals
 - Diagnosis and treatment of infected fish
4. March 2012- August 2019: **Research Assistant** (Fish and Wildlife Unit), Department of Veterinary Public Health and Preventive Medicine, University of Ibadan, Ibadan.

Responsibilities as a Research Assistant include:

- Development, Maintenance and upgrade of Laboratory Standard Operating Procedures (SOPs)

- Training of Students (Undergraduates and Postgraduates) and laboratory Users on Biorisk Assessment and Management within and outside Laboratories.
 - Coordination of Laboratory Research activities within the Laboratory.
5. February 2012- August 2019: **Lecturer (Part-Time)**, Department of Animal Health and Production, Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan.

Responsibilities as a Lecturer include:

- Teaching of Part-Time students at both National and Higher National Diploma levels. Courses taught include; Anatomy and Physiology (I and II), Systemic Pathology, Farm Animal Parasitology, Toxicology.

6. 2015-2016: **Veterinary Consultant (Southwest)**: Grand Cereals Limited

Responsibilities as a Consultant include:

- Resource person at organized workshops for company's customers and farmers across Southwest
- Health management (medication and vaccination) of aquaculture, poultry and livestock farms owned by Company's Customers
- Diagnosis, treatment and prevention of diseases experienced on the farms owned by Company's Customers

7. 2013 till date: **Veterinary Consultant** (L.O. Farms and Al-Hikmah Farms (Ido), Sokab Fish Farms (Egbeda), OBA Fish Farms (Arulogun), Ibitoye Fish Farm (Abeokuta))

Responsibilities as a Consultant include:

- Health management (medication and vaccination) of aquaculture, poultry and livestock
- Diagnosis, treatment and prevention of diseases experienced on the farm

8. 2013- 2015: State Veterinary Hospital, Mokola, Ibadan, Oyo State (**Volunteer**).

Responsibilities

- Diagnosis and treatment of animals brought to the Hospital
9. 2012 – 2013: Global Vetcare Nigeria Limited, Bashorun, Ibadan (**Technical Sales Representative**)

Responsibilities as a Technical Sales Representative include:

- Marketing and distribution of Veterinary Drugs and Biologicals within the Southwestern part of Nigeria
- Consultation for the farms within the region

E. MEMBERSHIP OF LEARNED SOCIETIES

1. **Member**, Nigerian Veterinary Medical Association (NVMA)
2. **Member**, Association of Aquatic Veterinarians of Nigeria (AAVN)
3. **Member**, International Society for Infectious Diseases (ISID)
4. **Member**, International Veterinary Vaccinology Network (IVVN)
5. **Member**, American College of Toxicology (ACT)
6. **Member**, BactiVac Network
7. **Member**, International Association for Food Protection (IAFP)
8. **Junior Faculty**, Global Emerging Pathogens Treatment Consortium (GET)
9. **Member**, Asian Council of Science Editors (ACSE) (July, 2021 till date)
10. **Member**, Animal Welfare Research Network (AWRN)

F. HONOURS, DISTINCTION, SCHOLARSHIPS, AWARDS, FELLOWSHIPS AND PRIZES

1. International Veterinary Vaccinology Network (IVVN) Laboratory Exchange Award, 2022 by THE ROSLIN INSTITUTE, The University of Edinburgh
2. BactiVac Catalyst Training Award, 2022 by the University of Birmingham.
<https://www.birmingham.ac.uk/research/immunology-immunotherapy/research/bacti-vac/pump-priming-training-awards-awardees.aspx>
3. Biorisk Management Enhancement Grant (BMEG) 2016, **Team Member**
4. University of Ghana/Carnegie Corporation of New York Pan-African Doctoral Academy 2016
5. BEP/CRDF Global Travel Grant 2015

6. Overall Best Student in Veterinary Jurisprudence (2003), Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan.

G. REVIEWER AND EVALUATION EXPERIENCE

Reviewer:

- Turkish Journal of Fisheries and Aquatic Sciences, Turkey (2015-date)
- International Journal of Advance Agricultural Research (2017-date)
- EC Veterinary Science (ECVE) (2018-date)
- Net Journal of Agricultural Science, Saudi Arabia (2018-date)
- International Journal for Biotechnology and Molecular Biology Reviews (2019- date)
- Veterinarski Arhiv, University of Zagreb (2019-date)
- BioMed Central (BMC) Public Health (2019-date)
- Onderstepoort Journal of Veterinary Research, South Africa (2020-date)
- Aquaculture Studies, Central Fisheries Research Institute, Turkey (2020-date)
- International Aquatic Research (IAR), Iran (2021-date)
- Asian Journal of Agricultural Extension, Economics & Sociology (2021-date)
- Asian Journal of Research in Agriculture and Forestry (2022 till date)
- Journal of Agricultural Science and Practice (2022 till date)
- UTTAR PRADESH JOURNAL OF ZOOLOGY (2022 till date)
- PLOS One (2022 till date)
- Frontiers in Public Health (2023 till date)
- Brazilian Archives of Biology and Technology (2023 till date)

Editorial Board Member

- Asian Journal of Biological Sciences (2020 till date)
- PLOS One (2022 till date)

External Examiner

- Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan.
(2017 - 2019)

H. COMMITTEES AND ADMINISTRATIVE EXPERIENCE

- **Coordinator**, Undergraduate Programmes, Department of Veterinary Public Health and

Preventive Medicine, Faculty of Veterinary Medicine, University of Ibadan (2021 till date)

- **Member**, University of Ibadan COVID-19 Research and Response Team (2020)
- **Technical Expert**, Oyo State COVID-19 Decontamination and Containment Team (2020)
- **Member**, University of Ibadan-Small and Medium Enterprises Fair (UISMEF) Committee (2020)
- **Member**, Ceremonial Committee, Faculty of Veterinary Medicine, University of Ibadan (2019 till date)
- **Member**, University of Ibadan Research and Development (UIRESDEV) Committee (2016 till date)
- **General Secretary**, Association of Private Veterinary Medical Practitioners (APVMP), Oyo State (2015-2018)
- **Secretary**, Veterinary Practices Regulatory Committee, Nigerian Veterinary Medical Association (NVMA), Oyo State (2014 - 2015)
- **President**, Nigeria Model United Nations Society (NigMUNS), University of Ibadan Chapter (2009 - 2010)
- **Associate Editor**, Heartbeat Magazine, Union of Campus Journalist (UCJ), University Of Ibadan (2008 - 2009)
- **Editor-in-Chief**, AVMS Editorial Board, University of Ibadan (2008 - 2009)
- **Deputy Editor-in-Chief**, AVMS Editorial Board, University of Ibadan (2007 - 2008)
- **Chairman**, Al Huda Ventures, University of Ibadan (2006 - 2010).
- **Social and Welfare Secretary**, Muslim Students' Society of Nigeria, University of Ibadan Branch (2005 - 2006).
- **Editor-in-Chief**, Al-Haqq Press, Federal Colleges of Agriculture, Animal Health and Production Technology, Moor Plantation, Ibadan (2002 - 2003)
- **Chairman**, House Committee on Sport, Federal Colleges of Agriculture, Animal Health and Production Technology, Moor Plantation, Ibadan (2001 - 2002)
- **Chairman**, Oduduwa Hall, Federal Colleges of Agriculture, Animal Health and Production Technology, Moor Plantation, Ibadan (2001 - 2002)

I. SUPPLEMENTARY TRAININGS:

- 1. Basic Molecular Biology Workshop (1st – 5th July, 2022) organized by Inqaba Biotec**

- 2. Impact Evaluation Course (16th – 19th September, 2019) organized by Partnership for African Social and Governance Research (PASGR) at International Institute of Tropical Agriculture (IITA), Ibadan. Participant**
- 3. Introductory Phylogenetic Workshop (6th – 10th May, 2019) organized by Inqaba Biotec and sponsored by University of Ibadan Medical Education Partnership Initiative Junior Faculty Research Training Programme (UI-MEPI-J). Participant.**
- 4. Viral Genomics and Sequence Analysis Short Course (30th July-3rd August, 2018) organized by University of Ibadan Medical Education Partnership Initiative Junior Faculty Research Training Programme (UI-MEPI-J) and Harvard T.H. Chan School of Public Health. Participant**
- 5. Research Design and Methodology, Bibliography and Bioethics (March and April, 2017) organized by University of Ibadan Medical Education Partnership Initiative Junior Faculty Research Training Programme (UI-MEPI-J). Participant.**

Course Content:

Critique scientific literature, assess study design and statistics in medical research and propose a plan for research project. Strengthen skills in searching electronic databases and other resources. Manage and organize references using reference managers. Develop skills in using anti-plagiarism softwares. Review national and international codes and guidelines on ethical conduct of research, proposal and protocol development, compliance and oversight functions in research involving human subjects and animal use for research.

- 6. Applications of Bioinformatics and Genomics to Translational Research in Health and Agriculture, (12th to 13th July, 2016), organized by UI Bioinformatics Groups, Participant.**

Course Content:

Introduction to biological databases and high-throughput data sources, Introduction to Genomics, DNA and protein sequence alignment and Phylogenetic trees, Protein Structures: prediction, alignment, classification, Introduction to Genome wide association studies (GWAS) and Current advances in Biotechnology issues.

7. **University of Ghana Pan African Doctoral Academy, Legon, Ghana (20th to 24th June, 2016). Sponsored by Carnegie Corporation of New York, Participant.**

Course Content: Issues in Career Planning, Challenges in Career Progression and Growth, Profile of the Next Generation African Scholar and Life on the Publication Lane

8. **University of Ghana Pan African Doctoral Academy, Legon, Ghana (13th to 17th June, 2016). Sponsored by Carnegie Corporation of New York, Participant.**

Course Content: How to process Thesis Chapters, Managing Thesis Writing, Managing Life with the PhD process, Art of conducting an effective literature review and time management.

9. **Biosafety and Biosecurity Training Course, Fort Collins, Colorado, United States of America (July 9th to 16th, 2015) sponsored by CRDF Global, Participant.**

Course Content:

rDNA/Synthetic NA (recombinant DNA) guidelines; Risk assessment; Entity specific inspection and audit preparations and responses; Entity Specific Audit Program; Select Agent regulations and changes, administration, and inspection preparations; Synthetic Biology, Dual Use Research of Concern Guidelines/Oversight; Clinical and Public Health Lab Biosafety; and Ethics and Culture of Biosafety, Biological Safety Levels, Standard Operating Procedures and Biorisk Assessment.

10. VetMedTeam Online Course Certificate in Basic Concepts in Immunology [September 25, 2009]
11. VetMedTeam Online Course Certificate in Ticks from A to Z [September 11, 2009]
12. VetMedTeam Online Course Certificate in Managing Canine Pain [August 25, 2009]
13. VetMedTeam Online Course Certificate in Zoonotic Diseases 102 [August 25, 2009]
14. VetMedTeam Online Course Certificate in Zoonotic Diseases 101 [August 11, 2009]

J. DETAILS OF TEACHING EXPERIENCE AT UNIVERSITY LEVEL

- a. I was employed on 16th August 2019 as a lecturer Grade II in the Department of Veterinary Public Health and Preventive Medicine where I have been teaching till date. This represents a teaching experience of over two (2) years at the University.
- b. In the past 2 years, I have taught courses in Veterinary Public Health and Preventive Medicine and in Wildlife and Fisheries Management at undergraduate levels.

TABLE 1: COURSES BEING TAUGHT AT UNDERGRADUATE LEVEL (DVM)

| Subjects taught every year | Course No | Class | Semester(s) | Course Unit |
|---|----------------|-----------|-----------------------------------|-------------|
| Animal Welfare | VPM I | 400 level | 2 nd | 2 |
| Wildlife and Fish Ecology Management and Diseases | AVM 619 | 500 level | 2 nd | 3 |
| Public Health and Preventive Medicine Clinics II | VPH 632 | 600 level | 1 st & 2 nd | 3 |
| Veterinary Jurisprudence | PVM Module III | 600 level | 1 st | 2 |
| Project supervision | VPH 633 | 600 level | 1 st & 2 nd | 6 |

TABLE 2: COURSES BEING TAUGHT AT POSTGRADUATE LEVEL

| Subjects taught every year | Course No | Class | Semester(s) | Course Unit |
|--|-----------|-----------|-----------------|-------------|
| Applied Veterinary Immunology | PVM 711 | 700 level | 1 st | 3 |
| Advances in Veterinary Extension | PVM 713 | 700 level | 1 st | 3 |
| Fish and Shellfish Diseases and Hygiene | VPH 711 | 700 level | 1 st | 3 |
| Wildlife and Fish Epidemiology and Risk Assessment | VPH 714 | 700 level | 1 st | 3 |

TABLE 3: SUMMARY OF PROJECTS SUPERVISED TO DATE

| | | Completed | In progress |
|---------------|-------|-----------|-------------|
| Undergraduate | D.V.M | 6 | 1 |

K. RESEARCH INTERESTS

- Aquatic Zoonotic Diseases and Molecular Biotechnology
- Aquatic and Wildlife Disease Epidemiology
- Fish Food Safety
- Ecotoxicology and Environmental Health
- One-Health
- Vaccine and Vaccinology

Research Focus:

Molecular Characterization, Sequence Analysis, and Taxonomic Position of Aquatic Animals

(Feral and Cultured) Infectious Diseases of Public Health Importance in Nigeria

L. PROJECT/DISSERTATION/THESIS

- Prevalence of Clinical Rabies in Ibadan Metropolis (1989-1998) - National Diploma Project (1999)
- Hydrocyanic Acid Level of Cassava Wastewater from different varieties of Cassava using Picrate Paper Kits - Higher National Diploma Project (2003)
- Reprotoxic Effect of Malachite Green on African Catfish (*Clarias gariepinus* Burchell 1822)- DVM Project
- Tetracycline Residue in *Clarias gariepinus* from selected Fish Farms and Markets in Ibadan – MVPH Project
- Prevalence, Isolation, Identification, Molecular Characterization and Antibioqram of *Vibro* Species Isolated from Farmed and Feral Fish in Southern Nigeria. On-going Ph.D Theses

M. PUBLICATIONS

I. Books, Chapters in Books, Conference Proceedings, Monographs, Briefs and Technical Reports

1. **Selim A. Alarape**, Jerome Delamare-Deboutteville, Oluwasanmi O. Aina, Robert Wills, Olusola Bodunde, Laura Khor, Larry Hanson, Olanike K. Adeyemo and Mohan Chadag (2023): Improving biosecurity: a science-based approach to manage fish disease risks and increase the socioeconomic contribution of the Nigerian catfish and tilapia industries. Abstract presented at International Association for Food Protection (IAFP) 2024 Annual Meeting July 14 – 17, 2024, at the Long Beach Convention Center in Long Beach, California.
2. Larry Hanson, Robert Wills, Olanike K. Adeyemo, Oluwasanmi O. Aina, **Selim A. Alarape**, Olusola Bodunde, Jerome Delamare-Deboutteville, Laura Khor, and Mohan Chadag (2023): Understanding Aquaculture Biosecurity to improve Catfish Disease Management in Ogun and Delta States, Nigeria. Abstract presented at the Aquaculture America 2023 Conference at New Orleans, Louisiana, USA from 23rd to 26th March, 2023.

3. Selim A. Alarape and Olanike K. Adeyemo (2023): Prevalence, Antibiogram, and Antibiotic Resistance Genes (ARGs) of *Vibrio cholerae* isolated from Farmed African Catfish (*Clarias gariepinus*, Burchell 1822). Abstract presented at the Aquaculture America 2023 Conference at New Orleans, Louisiana, USA from 23rd to 26th March, 2023.
 4. Olufisoye O.Ojo, Oluwasanmi O. Aina, **Selim A. Alarape**, Olusola Bodunde, Jerome Delamare-Deboutteville, Robert W. Wills, Larry A. Hanson, Chadag V. Mohan, Olanike K. Adeyemo (2023): Seasonal Incidence and Associated Risk Factors of Bacterial Pathogens circulating in the Aquaculture Industry of Ogun State, Nigeria. Abstract presented at the Aquaculture America 2023 Conference at New Orleans, Louisiana, USA from 23rd to 26th March, 2023.
 5. Edward, I. G., **Alarape, S.A.**, Aina, S., Delamare-Deboutteville, Wills, R. W., Hanson, L. A., Chadag, M. V. U., J. Adeyemo, O. K. (2023): Identification of Bacterial Pathogens and Risk Factors for Disease Occurrence in selected Farm Clusters in Delta State, Nigeria. Abstract presented at the Aquaculture America 2023 Conference at New Orleans, Louisiana, USA from 23rd to 26th March, 2023.
 6. **Selim A. Alarape**, Oluwaseun A. Ogundijo, Veronica E. Adetunji, Olufemi B. Adedeji and Olanike K. Adeyemo, (2022): Roles of Faculty of Veterinary Medicine in Aquatic Medical Training And Research in Nigeria: A Case Study of University of Ibadan. Abstract presented at World Aquaculture Society (WAS), African Chapter at 1st Annual International Conference & Exposition, AQUACULTURE AFRICA 2021 -- “Sustainable Aquaculture - Feeding Africa”
 7. **Selim A. Alarape**, Oyindamola E. Adebisi and Olanike K. Adeyemo, (2021): Histopathological Effects and Micronucleus Assay of Glyphosate-based Herbicides on Cultured African Catfish (*Clarias gariepinus*, Burchell 1822). Abstract presented to Africa CDC Inaugural One Health Conference (online) from 1 – 3 November 2021.
 8. Olanike K. Adeyemo, **Selim A. Alarape**, Veronica E. Adetunji, Akeem B. Saka Oluwawemimo O. Adebowale, Oniovosa, O. Ubiogoro, and Samuel A. Agbede (2020). Safety Hazards along Animal Food Supply Chain in Nigeria In: Babalola O.O. (eds) Food Security and Safety. Springer, Cham. Chapter 45, 15pp. https://doi.org/10.1007/978-3-030-50672-8_43.
- 43. UNITED KINGDOM**
9. **S. Alarape**, B. Olusola, O. Adeyemo and D. Olaleye, (2019): Preliminary Study on the Prevalence of Hepatitis A and E Viruses in Feral Fish Obtained from Two Major Lagoons in Lagos, Nigeria. Abstract submitted to International Association for Food

Protection (IAFP) 2019 Annual Meeting, July 21-24, Kentucky.

<https://iafp.confex.com/iafp/2019/onlineprogram.cgi/Paper/21130>

II. Articles in Learned Journals/Refereed Conference Proceedings, etc

1. **Alarape, S.A.**, Ogundijo, O.A., Adetunji, V.E. and Adeyemo, O.K. (2021): Knowledge, Perception, and Experience of people towards the first phase of COVID–19 vaccination in Nigeria: An Epidemiological Cross-Sectional Survey using ArcGIS Tool. (**Under review**)
2. Saka, A.B., Adeyemo, O.K., **Alarape, S.A.**, Ubiogoro, O.E. and Adegbola, P. An assessment of the wholesomeness of Mackerel and Herrings fishes imported into Nigeria through the Lagos ports between January 2011 and December 2013 (**Under review**)
3. **Alarape, S.A.**, Adebisi, O.E., Adetunji, V.E., Ogundijo, O.A., Aina, O.O. and Adeyemo, O.K. (2024): Histopathological Effects and Micronucleus Assay of Glyphosate-based Herbicides on Cultured African Catfish (*Clarias gariepinus*, Burchell 1822). Savannah Veterinary Journal.
4. **Alarape, S.A.**, Amusa, A.O., Adeoye, D.A. and Adeyemo, O.K. (2024): Haematological Parameters and Biochemical indices of African Catfish (*Clarias gariepinus*, Burchell 1822) exposed to 96 hours of Glyphosate - Based herbicide (Force-Up(R)). *Frontiers in Toxicology*, 6, 1448861. <https://doi.org/10.3389/ftox.2024.1448861>
5. Abafi, D.S.O., Adewumi, M.O., Michael, O.O., Kia, G.S.N., Adeyemo, O.K., **Alarape, S.A.**, Meseko, C.A., Oyetunde, J.S., Mkpuma, N., Shorunke, F.O. and Aiki-Raji, C.O. (2024): Molecular detection of monkeypox virus in wild rodents and humans in Ibadan, Nigeria; a cross-sectional study. *PAMJ - One Health*; 13:16. doi: 10.11604/pamj-oh.2024.13.16.42143.

KENYA

6. Imm, L.K.L., Bodunde, O.A., Wills, R., Hanson, L., Adeyemo, O.K., Aina, O.O., **Alarape, S.A.**, Delamare-Deboutteville, J. and Mohan, C.V. (2024): Understanding aquaculture biosecurity to improve catfish disease management in Ogun and Delta states, Nigeria. *Aquaculture*, 740664. <https://doi.org/10.1016/j.aquaculture.2024.740664>
7. **Alarape, S.A.**, Fagbohun, A.F., Ipadeola, O.A., Adeigbo, A.A., Adesola, R.O. and Adeyemo, O.K. (2023): Assessment of glyphosate and its metabolites' residue concentrations in cultured African Catfish offered for sale in selected markets in Ibadan, Oyo State, Nigeria. *Frontiers in Toxicology*, 5, 1250137. <https://doi.org/10.3389/ftox.2023.1250137>. **SWITZERLAND**

8. Tomori, B., Adeyemo, O., Ola-Davies, O. and **Alarape, S.** (2023): Effects of *Telfairia occidentalis* and *Ipomoea batatas* on Biochemical and Antioxidant Assay of African Catfish (*Clarias gariepinus*). *Aquaculture Studies*, 23(SI), AQUAST1116. <http://doi.org/10.4194/AQUAST1116>. **TURKEY**
9. Olanike K. Adeyemo, David T. Afolayan, **Selim A. Alarape**, Victoria O. Adetunji, Musibau A. Babatunde, Godwin R.E.E. Ana, Mojeed O. Mogbonjubola, Akeem Azeez, Kazeem Bolarinwa and Victor D. Olojede (2022): Community engagement and compliance monitoring of COVID-19 safety protocols: innovative approach combining indigenous practice and GIS technology in Oyo State, Nigeria. *The Proceedings of the Nigerian Academy of Science*, Vol. 14 (2); pp 29-44. **NIGERIA**
10. Olanike K. Adeyemo, **Selim A. Alarape**, Victoria O. Adetunji, and David T. Afolayan, (2021): COVID-19 Pandemic in Nigeria: Lessons on Responsibility, University Leadership, and Navigating the New Normal,” in “African Universities and the COVID-19 Pandemic,” special issue, Alliance for African Partnership Perspectives, Michigan State University, 27-34. DOI: 10.14321/aapp.01.01.003. **USA**
11. A.S Adebawale, A.F. Fagbamigbe, J.O. Akinyemi, K.O. Obisesan, E.J. Awosanya, R.F. Afolabi, **S.A. Alarape** and S.O. Obabiyi (2021): Situation assessment and natural dynamics of COVID-19 pandemic in Nigeria, 31 May 2020, *Scientific African*, 2021, <https://doi.org/10.1016/j.sciaf.2021.e00844>. **NETHERLANDS**
12. Okareh, O.T., Adetoba, M.M., Akintunde, J.K. and **Alarape, S.A.** (2021): Effects of Different Cooking Processes on Bioavailability of Mercury and Arsenic in Exposed African Catfish (*Clarias gariepinus*, Burchell, 1822). *Bionature*, 41(1), 39-49. Retrieved from <https://globalpresshub.com/index.php/BN/article/view/1153>. **IRELAND**
13. Adebawale, A.S., Fagbamigbe, A.F., Akinyemi, J.O., Obisesan, O.K., Awosanya, E.J., Afolabi, R.F., **Alarape, S.A.** and Obabiyi, S.O. (2021): The spread of COVID-19 outbreak in the first 120 days: a comparison between Nigeria and seven other countries. *BMC Public Health* 21, 129 (2021). <https://doi.org/10.1186/s12889-020-10149-x>. **UNITED KINGDOM**
14. Olanike K. ADEYEMO, Temitope O. SOGBANMU, **Selim A. ALARAPE** and Nancy D. DENSLOW (2020): Biomonitoring of Aquatic Pollution: Status and Trends from Genomics to Populations. *Proceedings of the Nigerian Academy of Science (Themed Edition on Sustainable development Goal 14)* Volume 13, No 2s, 2020. Pp 115-129. DOI: <https://doi.org/10.5423/pngas.v13i2s.269> **NIGERIA**

15. Akpan, S.N., Odeniyi, O.A., Adebowale, O.O., **Alarape, S.A.** and Adeyemo, O.K. (2020): Antibiotic resistance profile of Gram-negative bacteria isolated from Lafenwa abattoir effluent and its receiving water (Ogun River) in Abeokuta, Ogun state, Nigeria. *Onderstepoort Journal of Veterinary Research* 87(1), a1854. <https://doi.org/10.4102/ojvr.v87i1.1854> **SOUTH AFRICA**
16. Saka, B.A, Adeyemo, O.K, Odeniyi, O.A., **Alarape, S.A.** and Odeseye, A.O. (2019): Seroconversion, Seroprotection and Safety Determination of Formalinised Local Isolate of *Aeromonas hydrophila* administered through Different Routes in *Clarias gariepinus*. *Journal of Preventive Veterinary Medicine* 43 (3): 79-87. DOI: <https://doi.org/10.13041/jpvm.2019.43.3.79> **SOUTH KOREA**
17. Ubiogoro E.O., **Alarape, S.A.**, Adeyemo, O.K and Saka, A.B. (2019): Growth Performance and Sensory Parameters of African Catfish (*Clarias gariepinus*) fed with a Sublethal Dose of Neem Leaf Extract, and its Antibacterial Effects. *VETERINARSKI ARHIV* 89 (5): 709-721. DOI: 10.24099/vet.arhiv.0284. **CROATIA**
18. Kupoluyi, A.Y., **Alarape, S.A.** and Adeyemo, O.K. (2018): Impact of Industrial Effluents on Alaro River in Oluyole Industrial Estate, Ibadan and its Suitability for Aquatic Life. *Sokoto Journal of Veterinary Sciences*, 16(1): 38-44. <http://dx.doi.org/10.4314/sokjvs.v16i1.6> **NIGERIA**
19. Oniovosa, U.E, Aina, O.O., **Alarape, S.A.**, Babalola, O.E and Adeyemo, O.K. (2017): Effects of Neem Leaf Aqueous Extract on Organ Histology, Haematological Parameters and Biochemical Indices in Catfish. *Alexandria Journal of Veterinary Sciences*, *AJVS*. Vol. 54(1): 17-24. DOI: 10.5455/ajvs.256015. **EGYPT**
20. **Alarape, S.A.** and Adeyemo, O.K. (2017): Tetracycline Residue in fresh and processed *Clarias gariepinus* from Selected Fish Farms and Markets in Ibadan, Nigeria. *Trop Vet.* 35(2) 61-71. **NIGERIA**
21. Adeyemo, O.K., **Alarape, S.A.**, Adetunji, V.E., Saka, A.B. and Oniovosa U.E. (2017): Seasonal pH And Carbon dioxide Level of Fresh and Marine Aquatic Systems as Indicator of Climate Change in Nigeria. *Trop Vet.* 35(2) 53-60. **NIGERIA**
22. Adeniran A., Adeyemo, O.K., Emikpe B.O. and **Alarape, S.A.** (2017): Organosomatic Indices, Haematological and Histological Assessment as Biomarkers of Health Status in Feral and Cultured *Clarias gariepinus*. *African Journal of Biomedical Research*, 20: 189-194. <http://ajbrui.org/ojs/index.php/ajbr/article/view/265> **NIGERIA**

23. **Alarape, S.A.**, Hussein T.O., Adetunji, V.E. and Adeyemo, O.K. (2015): Skeletal and Other Morphological Abnormalities in Cultured Nigerian African Catfish (*Clarias gariepinus*, Burchell 1822). *International Journal of Fisheries and Aquatic Studies*, 2(5): 20-25. <http://www.fisheriesjournal.com/vol2issue5/Pdf/2-5-21.1.pdf> **INDIA**
24. **Alarape, S.A.**, Ajani, F., Adeyemo, O.K. and Shobiye, J.O. (2013): Effect of Copper Sulphate on Spawning Success in African Catfish (*Clarias gariepinus*, Burchell 1822), *Journal of Fisheries and Aquatic Science*, Vol. 8 (6): 714-720. DOI: 10.3923/jfas.2013.714.720 <http://scialert.net/onlinefirst.php?issn=1816-4927> **USA**
25. Adeyemo, O.K., **Alarape, S.A.** and Emikpe, B.O. (2011): Reprotoxic Effect of Malachite Green on African Catfish *Clarias gariepinus* (Burchell 1822), *Journal of Fisheries and Aquatic Science*, 6 (5): 1-8. DOI: 10.3923/jfas.2011.563.570 <http://www.scialert.com/ems/qredirect.php?linkid=pdf&doi=jfas.0000.29691.29691>. **USA**

N. MAJOR CONFERENCES/WORKSHOPS ATTENDED

1. International Association for Food Protection (IAFP) 2024 Annual Meeting July 14 – 17, 2024, at the Long Beach Convention Center in Long Beach, California.
Paper Presented:
 - Improving Biosecurity: A science-based approach to manage fish disease risks and increase the socioeconomic contribution of the Nigerian catfish and tilapia industries.
2. 7th International Conference on Ecosystem Conservation and Sustainable Development organised by Centre for Aquaculture Research and Education (CARE) and Department of Aquatic Sciences, Fisheries and Aquaculture (ASFA) College of Natural and Computational Sciences, Hawassa University Theme: Aquatic Resources for Sustainable Aquaculture Development 20-22 June, 2023
Paper presented:
Isolation, Characterization and Antibiotic Resistance Profile of Environmental Bacterial Pathogens from Farmed African Catfish in Nigeria
3. Aquaculture America 2023 Conference at New Orleans, Louisiana, USA from 23rd to 26th March, 2023.
Papers presented:
 - Isolation and Characterization of *Klebsiella* and *Pseudomonas* Species from Farmed African Catfish in Nigeria and their Implications
 - Understanding Aquaculture Biosecurity to improve Catfish Disease Management in Ogun and Delta States, Nigeria
 - Prevalence, Antibigram, and Antibiotic Resistance Genes (ARGs) of *Vibrio cholerae* isolated from Farmed African Catfish (*Clarias gariepinus*, Burchell 1822)
 - Seasonal Incidence and Associated Risk Factors of Bacterial Pathogens circulating in the Aquaculture Industry of Ogun State, Nigeria

- Identification of Bacterial Pathogens and Risk Factors for Disease Occurrence in selected Farm Clusters in Delta State, Nigeria
4. 10th Aquaculture Network for Africa (ANAF) Technical Committee Meeting, at AFRAQ21 25th to 28th March, 2022, Alexandria, Egypt – to strengthen African Voice in aquaculture development related matters. Sponsored by African Union-Interafrican Bureau For Animal Resources (AU-IBAR)
 5. World Aquaculture Society (WAS), African Chapter at 1st Annual International Conference & Exposition, AQUACULTURE AFRICA 2021 -- “Sustainable Aquaculture - Feeding Africa”

Paper presented:

 - Roles of Faculty of Veterinary Medicine in Aquatic Medical Training and Research in Nigeria: A Case Study of University of Ibadan.
 6. Africa CDC Inaugural One Health Conference (virtual) from 1 – 3 November 2021.

Paper presented:

 - Histopathological Effects and Micronucleus Assay of Glyphosate-based Herbicides on Cultured African Catfish (*Clarias gariepinus*, Burchell 1822)
 7. Strengthening Capacities to Innovate the Oyo Aquaculture Sector Support Workshop, International Institute of Tropical Agriculture (IITA) Campus (3rd and 4th September, 2019).
 8. Fish Health Management Workshop, University of Ibadan. (July 1st to July 3rd, 2014)

Resource Person
 9. CCPZ 2nd Annual Conference and One-Health Exposition, University of Ibadan. (June 30th to July 3rd, 2013). Sponsored by MacArthur Foundation
 10. Nigerian Veterinary Medical Association Annual Conference, Ado-Ekiti, Ekiti State. (November 5th to 9th, 2012)