

# Curriculum Vitae (CV)

- I. **Full Name:** NANFIZAT ABIKET ALAMUKII
- ii. **Date of Birth:** November 02, 1987
- iii. **Place of birth/ State of Origin:** Ivory Coast/ Osun State
- iv. **Sex:** Female
- v. **Nationality:** Nigerian
- vi. **Permanent Home Address:** E9/957 Alayaki street ,off Abayomi bust-stop, Iwo-Road Ibadan, Oyo State, Nigeria.
- vii. **Current Postal Address:** Department of Biological Sciences, Faculty of Science, University of Medical Sciences, Ondo, Ondo State, Nigeria.
- viii. **Mobile Phone number:** (+234) 070-6435-6537
- ix. **E-mail Address:** [nalamukii@unimed.edu.ng](mailto:nalamukii@unimed.edu.ng), [iyabiket@gmail.com](mailto:iyabiket@gmail.com)
- x. **Marital Status:** Single
- xi. **Number of Children with Names and ages:** Nil
- xii. **Institution attended**
  1. University of Ibadan, Oyo state, Nigeria, Doctor of Philosophy (PhD) in Zoology (Cell biology and Genetics) (**In view**).
  2. University of Gothenburg, Bioinformatics in Genomics Course (**March, 2020**)
  3. University of Ibadan, Oyo state, Nigeria Master's Degree in Zoology (Cell biology and Genetics) (PhD grade) (**2015**).
  4. National Youth Service Corp (NYSC) (**2012-2013**).
  5. University of Ibadan, Oyo state, Nigeria, B.Sc. (Hons.) in Zoology (First Class) (**2011**).
  6. Royal College, Ibadan, Oyo state, Nigeria, Senior Secondary School Certificate (WASSCE and NECO) (**2004**).
- xiv. **Academic qualifications**
  1. M.Sc Zoology (Cell Biology and Genetics), University of Ibadan 2015
  2. B.Sc Zoology , University of Ibadan 2011
- xv. Professional Qualification  
**Joint Professionals Training and Support Int'l (JPTS) (2012)**
  1. Health Safety and Environment level 2 (HSE)
- xvi. **Scholarships and Prizes**

1. PhD. Fellowship Award by the Consortium for Advanced Research Training in Africa (2019).
2. Travel Award to Keystone Symposium, Kampala Uganda -‘Leveraging Genomic Diversity to Promote Animal and Human Health (S5)’(2018).
3. University of Ibadan Postgraduate Fellowship for PhD Degree in Zoology (2017).
4. University of Ibadan Postgraduate School Travel award to attend Workshop on Statistics in Genetics at Winter Institute of Statistic in Genetics, Abu Dhabi (2017).
5. Partial Scholarship to attend Workshop on Statistics in Genetics at Winter Institute of Statistic in Genetics, Abu Dhabi (2017).
6. Travel award to The 9th Congress of the African Society of Human Genetics in partnership with H3Africa Consortium (Human Heredity and Health in Africa) and Cancer Research Group (Senegal)/Young Researchers forum, Dakar, Senegal. (2016)
7. University of Ibadan Master’s Degree Fellowship, Ibadan, Oyo state, Nigeria. (2013)
8. University of Ibadan, Oyo state, Nigeria, Dean’s Roll of Honour for academic excellence (2009-2011).
9. University of Ibadan, Oyo state, Nigeria, Student Award for academic excellence (2010-2011).
10. University of Ibadan, Oyo state, Nigeria, Most friendly female student Department of Zoology (2008).
11. Third position, Oratory competition, Faculty of Science, University of Ibadan (2008).

xvii. **Training programmes attended**

1. Bioinformatics in Genomics course at the Bioinformatics Core Facility, Sahlgrenska Academy, University of Gothenburg, Sweden. **March - April, 2020.**
2. Consortium for Advanced Research Training in Africa Joint Advanced Seminar 2- 4 weeks Course on Qualitative and Quantitative Research methods, School of Public Health, University of Witwatersrand, Johannesburg, South Africa. **November, 2019.**
3. ESE: O in collaboration with CARTA- Writing and Communication skills in English language, **March to October 2019.**
4. Viral Genomics and Sequence Analysis Short Course-Medical Education Partnership Initiative Nigeria, University of Ibadan and Harvard University. **30<sup>th</sup> July- 3<sup>rd</sup> August, 2018**
5. Introduction to Bioinformatics Course organized by H3Africa Bionet and University of Ibadan. **July –October 2016.**

6. Short Course in Master Grant Proposal Writing and Financial Management in Tertiary Institutions- University of Medical Sciences, Ondo State, Nigeria. (2016).
7. Applications of Bioinformatics and Genomics to Translational Research in Health and Agriculture- University of Ibadan Bioinformatics Group. (2016)

**xviii. Honours, Distinctions and Membership of learned Professional Societies**

1. Member, Zoology Society of Nigeria (ZSN)
2. Member, African Society of Human Genetics (AfSHG)

**xix. Work Experience**

1. **Assistant Lecturer and Research fellow, Department of Biological Sciences and Centre for Molecular Bioscience and Medical Genomics, University of Medical Sciences, Ondo (Nov. 2020 –present)**
  - i. Teaching
  - ii. Research
  - iii. Training
2. **Teaching and Research Assistant, Department of Zoology, University of Ibadan, (University Fellow) (2013- 2015, 2016-2020)**
  - i. Demonstration of practical works for undergraduate student
  - ii. Marking of practical files and Continuous Assessment Test (CAT).
  - iii. Invigilation of student during examination
3. **Research Scientist (PhD Fellow), Institute for Advanced Medical Research and Training, (2016- present)**
  - i. DNA extraction and quantification
  - ii. Polymerase chain reaction
  - iii. Training of students and interns
  - iv. Research Proposal Writing
4. **Sickle Hope Alive Foundation –Data Manager**
  - Data management
  - Research proposal coordination
5. **Research Assistant (Obesity Research group, Federal Polytechnic, Ado-Ekiti, Nigeria) (2015-February, 2016)**
  - i. Laboratory Analysis: PCR, RFLP, DNA extraction, Sequencing, Bioinformatics.
  - ii. Proposal Writing, Manuscript preparation.

6. **Teacher (NYSC), Army day secondary school, Birnin-Kebbi, Kebbi state (2012-2013)**
  - i. Trained both SS2 and SS3 students on Basic Biology
7. **Industrial Attachment, Institute for Advance Medical Research and Training, University of Ibadan College Hospital, Ibadan, Oyo state, (2010)**
  - i. Extracted DNAs from (500) blood samples using Basic laboratory procedures
  - ii. Determined blood genotypes using basic laboratory procedures
8. **Secretary, Alamukii Cyber café, (2004-2007)**
  - i. In charged of all paper works and customer service

**xx. Research Interests**

Tumour Necrosis Factor Alpha (TNF $\alpha$ ) and its Receptors as Indicators for Breast cancer among Nigerian Women- PhD research Project Title

**Thesis**

1. The Possible Use of Tumour Necrosis Factor-Alpha Single Nucleotide Polymorphisms (TNF $\alpha$ -SNPs) as Bio-Markers for Breast Cancer in Nigerian Women. A thesis for M.SC Degree in Zoology (Cell Biology and Genetics), University of Ibadan

**xxi. Publications**

1. Alamukii NA, Nwuba CV, Odetunde AB, Babalola CP, Falusi AG, Nwuba RI. The Presence of Some TNF $\alpha$  and Receptor Polymorphic Forms Might Reduce the Risk of Breast Cancer in Nigeria. Accepted by *African Journal of Medicine and Medical Research*. (2021).
2. Oyeyemi, B.F., Ologunde, C.A., Olaoye B.A and **Alamukii, N.A.** (2017).FTO Gene Associates and Interacts with Obesity Risk, Physical Activity, energy Intake, and Time Spent Sitting: Pilot Study in a Nigerian Population. *Journal of Obesity*.2017;1-11. Doi.org/10.1155/2017/3245270.
3. Oyeyemi, B.F., Iyiola, O.A., Oyeyemi, A.W., Oricha, K.U., Anifowoshe, A. T. and **Alamukii, N.A.** (2014): Sexual dimorphism in ratio of second and fourth digits and its relationship with metabolic syndrome indices and cardiovascular risk factors. *Journal of Research in Medical Sciences*, 19 (3):234-9.

## xxii. Major Conferences and Workshop

### Conferences

1. Onoja M. Akpa, Oluwatoyin A. Babalola, Abayomi Odetunde, Foluke A. Fasola, Biobele Brown, **Nanfizat A. Alamukii**, Chinedum P. Babalola, Georgina N Odaibo, Adeyinka G. Falusi Risk factors for Transfusion Transmissible Viral Infections among Patients with Sickle Cell Disease in South-west Nigeria: A Case-control Study. Presented at the 2<sup>nd</sup> Nigerian Academy of Science Scientific Conference 2021. 26<sup>th</sup> to 27<sup>th</sup> January 2021- Presenter Onoja M. Akpa,
2. Paul Adepoju and **Nanfizat A. Alamukii** Status of capacity for COVID-19 genomics data in Africa during the first lockdown: Implications for public health presented at CARTA@ 10 Scientific conference 2020. December 2020. Presenter - **Nanfizat A. Alamukii**.
3. Georgina N. Odaibo, Foluke A. Fasola, Onoja M. Akpa, Oluwatoyin A. Babalola, Abayomi Odetunde, Biobele Brown, **Nanfizat A. Alamukii**, Chinedum P. Babalola and Adeyinka G. Falusi. Prevalence of HIV, HBV and HCV among Sickle Cell Disease Patients in Southwestern Nigeria: A Case-controlled study. Presented at 12<sup>th</sup> Scientific Conference & Annual General Meeting Society for Gastroenterology and Hepatology in Nigeria (SOGHIN) (**11<sup>th</sup> July, 2019**).
4. High Heterozygosity in SNPs of TNF-alpha Gene in Women Accessing Breast Cancer Care at a Tertiary Health Facility in Southwest Nigeria. **Nanfizat Abiket Alamukii**, Abayomi Odetunde, Chinedum Peace Babalola, Adeyinka Gladys Falusi, Roseangela I. Nwuba. Poster **presented by Nanfizat Abiket Alamukii** at the Keystone Symposium ‘Leveraging Genomic Diversity to Promote Animal and Human Health Conference’ Kampala, Uganda, **November 25<sup>th</sup> -29<sup>th</sup>, 2018**.
5. The presence of some TNF $\alpha$  polymorphic forms might reduce the risk of breast cancer in Nigeria. **Nanfizat Abiket Alamukii**, Abayomi Odetunde, Chinedum Peace Babalola, Adeyinka Gladys Falusi, Roseangela I. Nwuba. Poster **presented by Nanfizat Abiket Alamukii** at the 11<sup>th</sup> Conference of African Society for Human Genetics (AfSHG, 2018) Kigali, Rwanda **September 16<sup>th</sup> -23rd 2018**.
6. The 9th Congress of the African Society of Human Genetics in partnership with H3Africa Consortium (Human Heredity and Health in Africa) and Cancer

Research Group (Senegal) / Young Researchers forum, Dakar, Senegal.  
(2016). **The association of Tumour Necrosis Factor-alpha Single Nucleotide Polymorphisms (TNF $\alpha$ -SNPs) and Breast Cancer in Ibadan, Nigeria**

**Presenter- Nanfizat Abiket Alamukii**

**Workshops**

1. Scientific Training Workshop for Postgraduate students on Applications of High Performance Liquid Chromatography (HPLC), Atomic Absorption Spectrophotometry (AAS) and UV-VIS Spectrophotometry-Multidisciplinary Central Research Laboratory (MCRL), University of Ibadan (2019).
  2. Molecular Biology Workshop-Professor Abideen Olayiwola Oluwasola Special Diagnostic Centre (PAOOSDC), Department of Pathology, University College Hospital, Ibadan. **Facilitator/ Trainer-August, 2019**
  3. Consortium for Advanced Research Training in Africa Joint Advanced Seminar (JAS) 1 – Introduction to Research Methods and Methodology, University of Makerere, Kampala, Uganda. **March 2019.**
  4. Pre-conference Workshop on Human and Animal Genetics- Keystone Symposium ‘Leveraging Genomic Diversity to Promote Animal and Human Health Conference’ Kampala, Uganda, **November 25<sup>th</sup>, 2018**
  5. Significant: The p-Value Controversy- Department of Zoology, University of Ibadan (2018)
  6. Achieving a Productive and Successful Career in Academia. The University of Ibadan Medical Education Partnership Initiative Junior Faculty Research Training Program (UI-MEPI-J) (2018).
  7. Non-Communicable Diseases Research in Nigeria: Matching Priorities to Human Capacity- The University of Ibadan, Centre for Population and Reproductive Health and The University of Chicago (2018).
- Abstract presented – “Tumour Necrosis Factor Alpha (TNF $\alpha$ ) and its Receptors as Indicators for Breast cancer among Nigerian Women” by Nanfizat Abiket Alamukii**
8. Manuscript writing Seminar-University of Ibadan. (2017).
  9. Introduction to Bioinformatics H3Africa Bionet (2016).
  10. Scientific Training Workshop for Postgraduate students on Applications of High Performance Liquid Chromatography (HPLC), Atomic Absorption

Spectrophotometry (AAS) and UV-VIS Spectrophotometry-Multidisciplinary Central Research Laboratory (MCRL), University of Ibadan **(2016)**.

11. Enhancing Interdisciplinary Teams: Propelling Research from Theory to Practice- The University of Ibadan, Centre for Population and Reproductive Health, The Nigerian Breast Cancer Study Group, University College Hospital, Ibadan and The University of Chicago Center for Global Health. **(2016)**
12. Basic statistical tools for quality research in Biological and Physical sciences, Department of Statistics, University of Ibadan, Ibadan. **(2015)**