

CURRICULUM VITAE

Foluso Ayobami Atiba

*BDS (Ibadan), MSc (Ibadan), MSc (Ibadan), MPhil (Ibadan), and PhD
(in view) (South Africa).*

September 2022

1. Name: ATIBA Foluso Ayobami (**née** Alade)

2. Current Address: Department of Anatomy,
University of Ibadan, Ibadan.
Oyo state, Nigeria.

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4. Phone number: +2348034237082

5. University Education with dates:

(i) Undergraduate Education:

College of Medicine, University of Ibadan, Ibadan 1997 - 2004

(ii) Postgraduate Education:

University of Witwatersrand, South Africa 2019 - Present
University of Ibadan, Ibadan 2015 - 2018
University of Ibadan, Ibadan 2011 - 2014
University of Ibadan, Ibadan 2006 - 2008

6. Qualifications:

Academic

PhD (Anatomical Sciences), University of Witwatersrand In view
M.Phil (Neuroscience), University of Ibadan 2018
M.Sc (Anatomy), University of Ibadan 2014
M.Sc (Human Nutrition), University of Ibadan 2008
BDS (Bachelor of Dental Surgery), University of Ibadan 2004

7. Scholarships, Fellowships and Prizes:

- International Brain Research Organization Fellowship to attend the Teaching School, Morocco, 2013
- Travel support to 11th International Conference of the Society of Neuroscientists of Africa, Rabat- Morocco, 2013
- Travel support to 13th International Conference of the Society of Neuroscientists of Africa, Entebbe- Uganda, 2017
- PhD. Fellow of Consortium for Advanced Research Training in Africa (CARTA), 2018
- Trialect training fellowship prize, Liverpool John Moore's University, Liverpool, United Kingdom. 2019
- Revitalization grants for Bench work, Tertiary trust FUND, University of Ibadan. 2020
- Alba Fkne Yibro Diversity Grant Awardee 2020

- Travel award to International Society of Neurochemistry conference, Honolulu, USA, 2022

8. Membership/Fellowship of Learned Societies

- Nigeria Dental Association (NDA)
- Nigeria Medical Association (NMA)
- Medical Women's Association of Nigeria (Oyo State Chapter)
- International Brain Research Organization (IBRO)
- Nigeria Society of Neuroscientists (NSN)
- Society for Neuroscience (SFN)
- International Society for Neurochemistry (ISN)
- International Neurotoxicity Association (INA)
- International Behavioral Neuroscience Society (IBNS)
- Society of Neuroscientists of Africa (SONA)
- Organization for Women in Science for the Developing World (OWSD)

9. Work experience:

Lecturer 1

University of Ibadan (2015 - Present)

- Responsible for lecturing undergraduate students in Gross Anatomy, Dental Anatomy, Embryology, Histology, and Neuroanatomy
- Responsible for implementing university research, conducting seminars, tutorials, and practical classes for undergraduate anatomy students
- Supervision of medical and dental students on Term Papers
- Testing and grading student performance on examinations
- Provision of personal mentoring, advice, and assistance to students
- Served as course coordinator of the Nursing Programme of the Department of Anatomy (2017 - 2019)
- Served as course coordinator of the Nutrition Programme of the Department of Anatomy (2015 - 2019)
- Served as course coordinator of Pharmacy, Physiology, and Biomedical Laboratory Sciences (BMLS) of the Department of Anatomy (2015 - 2016)

Lecturer 2

University of Ibadan (2011 - 2015)

- Was responsible for lecturing undergraduate students in Gross Anatomy, Dental Anatomy, Embryology, Histology, and Neuroanatomy
- Actively conducted seminars, tutorials, and practical classes for undergraduate students
- Researched and created new courses and materials for students
- Administered examinations and graded student performance
- Served as course coordinator of the Nursing and Nutrition Programme of the Department of Anatomy (2013 - 2015)

- Elected by the National Universities Commission to serve on its accreditation committee (2013/2014 session)
- Provided personal mentoring, advice, and assistance was provided to students

General Dentist

Oyo State Hospital Management Board (2006 - 2011)

- Consulted with patients to arrive at diagnosis
- Administered oral anesthesia to patients in preparation for treatment
- Assessed X-rays and recommended further procedures if needed
- Collaborated with an associate dentist to fix braces and design dental prosthetics, such as bridges, crowns, and dentures
- Conducted tooth extraction and root canal procedures
- Prescribed medication and educated patients on oral hygiene
- Conducted teeth whitening, periodontal scaling, root planning, and debridement procedures

10. Research

Focus: Considering the importance of neural function to an individual's health, my research focuses on the effects of prenatal exposure to plant extracts and alternative medicine on the development of the nervous system, as well as their likely immediate consequences or potential effects on cognitive function later in life, with a secondary concentration on the evolution of craniofacial (maxillofacial) anatomy in various animal and human subjects.

Completed

- i. Knowledge, Attitude and Practice of infection control measures by Dentists in Ibadan. A Dental Public Health Project report for the award of BDS, University of Ibadan
- ii. Oral white Lesions. An oral pathology project report for the award of BDS, University of Ibadan
- iii. Assessment of the relationship between dietary intake of refined sugar and snack, dental caries, and nutritional status of adolescents in rural and urban areas in Oyo state
- iv. Role of *Moringa Oleifera* extracts in Kolanut-induced toxicity in the developing brain of Wistar rat
- v. Kolanut induced oxidative stress in developing rat brain- effects of Kolaviron on behavioral, Biochemical and Hematological variables
- vi. Impact of aqueous extract of *Cola nitida* vent. Schott on post-natal behavioral indices and histological alteration in the cerebellum of Wistar rats.
- vii. Prevalence of cervical enamel projections on extracted teeth and their relationships with a reason for extraction in a Nigerian population.
- viii. Effects of aqueous extract of Kolanut on the developing brain of Sprague Dawley rat pups

In progress

- i. Effects of intrauterine exposure of an aqueous extract of Kolanut (*Cola nitida*) on the brain (Hippocampus) of Sprague Dawley Rat offspring

Dissertation and Thesis

- i. Impact of aqueous extract of *Cola nitida* vent. Schott on post-natal behavioral indices and histological alteration in the cerebellum of Wistar rats. M.Phil. (Anatomy) dissertation report, University of Ibadan, Ibadan
- ii. Role of *Moringa Oleifera* extracts in Kolanut-induced toxicity in the developing neonatal brain of Wistar rat. M.Sc. (Anatomy) project report, University of Ibadan, Ibadan
- iii. Assessment of the relationship between dietary intake of refined sugar and snack, dental caries, and nutritional status of adolescents in rural and urban areas in Oyo state. M.Sc. (Human Nutrition) project report, University of Ibadan, Ibadan
- iv. Effects of aqueous extract of Kolanut on the developing brain of Sprague Dawley rat pups

11. Conferences attended

- i. 11th SONA International Conference
Poster presentation: Role of *Moringa oleifera* extract in *Cola nitida*-induced toxicity in the developing neonatal brain of Wistar rats. Rabat, Morocco (2013)
- ii. Nigeria Academy of Neurological Surgeons (NANS)
Paper read: Effect of Kolaviron on Kolanut-induced neurotoxicity in developing rat brain - biochemical and hematological changes. OAU, Ile-Ife, Nigeria (2014)
- iii. Biennial Conference of Nigeria Association of Paediatric Dentistry
Paper read: Nutrition and Oral Health in Children (2016)
- iv. 13th SONA International Conference
Presentation: Noxious effects of *Moringa oleifera* extract on the developing brain, morphology, and behaviour of Wistar rat. Entebbe, Uganda (2017)
- v. Nigeria Academy of Neurological Surgeons (NANS)
Paper read: Effects of graded doses of aqueous extract of *Cola nitida* on postnatal development of hippocampus and cerebellum of Wistar rats. Lagos, Nigeria (2017)
- vi. Society of Neuroscience conference, Chicago
Paper read: Effects of aqueous extract of *Cola nitida* on post-natal behavioural indices and histological alterations in the cerebellum of Wistar rats (2019)

- vii. Society of Neuroscientists of Africa, Ghana
Paper read: Dynamic changes in the hippocampal memory index in Sprague Dawley rats exposed to intrauterine kolanut (2021)

12. Publications

Patents/Copyright: Butyl-P-Methoxyphenyl acetate (MIMO1)

Articles that have appeared in Referred Conference Proceeding:

- i. Noxious effect of *Moringa oleifera* leaf extract on the developing brain, morphology, and behavior of Wistar rats
- ii. Effects of graded doses of aqueous extract of *Cola nitida* on postnatal development of hippocampus and cerebellum of Wistar rats

Articles that have appeared in learned journals:

- i. Imosemi, I.O., **Atiba, F.A.** (2015): Anatomical variations of the musculoskeletal system- A review of literature. *Journal of Medicine and Medical Sciences*. 6 (7): 151-155
- ii. **Atiba, F.A.**, Imosemi, I.O., Owoeye, O., Malomo, A.O. (2016): Effects of Kolaviron on developing brain pups from rats treated with aqueous extract of *Cola nitida* seeds. *Afr. J. Biomed. Res.* 19 (1): 65-70.
- iii. **Atiba, F.A.**, Leshi, O.O. (2017): Oral hygiene, dental caries, and nutritional status of in-school adolescents in Ibadan. *Nigeria Journal of Nutrition*.
- iv. **Atiba, F. A.**, Imosemi, I. O., & Malomo, A. O. (2017). Noxious effect of *Moringa oleifera* leaf extract on the developing brain, morphology, and behavior of Wistar rat. *Italian Journal of Anatomy and Embryology*, 122(1), 8-16.
- v. **Atiba, F.A.**, Imosemi, I.O., Malomo, A.O. (2017): Absence of the head of the humerus in an adult Nigerian - A case report: *Afr. J. Med. Med. Sci.* 46, 131-134.
- vi. Ellah, A.N., Imosemi, I.O., **Atiba, F.A.**, Owoeye, O., Malomo, A.O. (2017): Neuroprotective effects of aqueous extract of *Carica papaya*, vitamin E and dexamethasone on traumatic brain-induced oxidative damage in adult Wistar rats. *Afr. J. Med. Med. Sci.* 46, 63-67.
- vii. Imosemi, I.O., Fowosere, O.T., **Atiba, F.A.** (2017): Honey and vitamin E protected the developing cerebellum against alcohol-induced oxidative damage in rats. *African Journal of Medicine and Medical Sciences, Nigeria*.
- viii. Igado, O., Glaser, J., Ramos-Trado, M., Bankoglu, E., **Atiba, F.A.**, Holzgrabe, U., Stopper, H., Olopade, J. (2017): Isolation of a novel compound (mimo2) from the methanolic extract of *Moringa oleifera* leaves and neuroprotective effects against vanadium induced cytotoxicity. *Drug chemical toxicology*. DOI:10.1080/01480545.2017.1366504.

- ix. Imosemi, I. O., Adekanbi, A. J., and **Atiba, F. A.** (2017): *Telfaira occidentalis* Leaf extract protects the Cerebellar Cortex against Cisplatin- induced oxidative damage in Wistar rats. *Arch. Bas. App. Med.* 5(2): 119-124.
- x. Owoeye, O., Awoyemi, F.O., Imosemi, I. O., **Atiba, F. A.**, Malomo, A. O. (2019): *Raffia hookeri* Ethanolic Pulp Extract Ameliorated Neuronal Damage and Brain Oxidative Stress following Mechanical-induced Traumatic Brain injury in rats. *Niger J Physiology Sci.* 34(1):107-113.
- xi. Owoeye, O., Obazie, F. I. I., **Atiba, F. A.**, Malomo, A. O. (2019): Comparative Neuroprotective effect of *Celosia argentea* Linn and Vitamin E on Mercury-induced oxidative and Histological parameters of rat brain. *Niger J Physiology Sci.* 34(2):167-175.
- xii. Opeodu O. I., Gbolahan, O. O., **Atiba, F. A.** (2020): Prevalence of Cervical enamel projections on extracted teeth and their relationships with the reasons for extraction in a Nigerian population. *Afri.J.Med.Med.Sci.* 49:73-77.
- xiii. **Atiba, F. A.**, Fatokun, A. A., Imosemi, I. O., Malomo, A. O. (2021): Kolanut from *Cola nitida* vent. Schott administered to pregnant rats induces histological alterations in pups' cerebellum. *PLOS ONE* 16(3): e0247573.
- xiv. Timothy Olukunle Aladelusi, **Foluso Ayobami Atiba**, Shakeerah Olaide Gbadebo, Yewande Isabella Adeyemo, Adeola Adenike Olusanya and Oladimeji Adeniyi Akadiri. (2021): COVID-19 outbreak and dental health care provision in Nigeria: a national survey. *BMC Oral Health* 21:493.
- xv. Adeola A. Olusanya, Timothy O. Aladelusi, **Foluso Ayobami Atiba**, Juwon T. Arotiba. (2021): Craniometry of Nigerian skulls: A cadaveric review of the literature. *East Cent Afr J Surg.* 2021:26(4):168-172.
- xvi. Okandeji Michea E., Lijoka Ayodei, **Atiba Foluso A**, Olopade James. O. (2021): The Eruption Patterns of the Teeth of Nigerian Local Pigs (*Sus scrofa*): Profile of Deciduous Teeth. *Journal of Veterinary Anatomy* 14(2):1-15.

Dr. Foluso Ayobami ATIBA



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