

CURRICULUM VITAE

DR MOSES OLUSOLA ADETONA

Personal information:

Name: Moses Olusola **Adetona**
Date of Birth: 02-10-1964
Gender: Male
Marital status: Married, 3 children
Country: Nigerian
Current address: Department of Anatomy, Faculty of Basic Medical Sciences,
College of Medicine, University of Ibadan.
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Education:

- [i] University of Ibadan.....2010-2016
- [ii] University of Ibadan.....2002-2006
- [iii] University of Jos1985-1991
- [iv] Federal Government College, Ogbomoso..1983-1985
- [v] Ogbomoso Grammar School, Ogbomoso...1979-1983
- [vi] Baptist Modern School, Ogbomoso.....1976-1979

Academic Qualifications:

- [a] Ph.D (Anatomy).....August, 2016. University of Ibadan, Ibadan
- [b] M.Sc. (Anatomy).....October, 2006. University of Ibadan, Ibadan
- [c] M.B;Ch.B.August, 1991. University of Jos, Jos
- [d] G.C.E. (A/L)June, 1985. West African Examination Council
- [e] WASCE.....June 1983. West African Examination Council

Professional Qualifications:

M.B;Ch.B.....August 1991; University of Jos, Jos

Scholarships, Fellowships and Prizes:

- [a] Sir Mobolaji Bank-Anthony Fellowship of the College of Medicine, University of Ibadan for Training in Genomics and Haemoglobinopathies Programme, Morehouse School of Medicine, Atlanta, GA, USA. Jan.- June 2010.

Membership of Learned Societies:

- [a] Member, Nigerian Medical Association
- [b] Member, American Association of Anatomists
- [c] Member, Anatomical Society of West Africa.
- [d] Member, Anatomical Society of Nigeria
- [e] Genotoxicity Association of Nigeria

Work experience:

- i. House Officer, University of Ilorin Teaching Hospital, Ilorin....1991-1992
- ii. National Youth Service.....1992-1993
- iii. Medical Officer, Bishop Shanahan Catholic Hospital Nsukka...1993-1994
- iv. Medical Officer, Catholic Hospital Apomu.....1994-19195
- v. Medical Officer, Alafia Hospital (1934) Limited, Ibadan.....1995-2003
- vi. Medical Officer, Accident and Emergency Department, UCH.,Ibadan.,2003-2007
- vii. Lecturer, Dept. of Anatomy, University of Ibadan.....August 2007 to date

Present status:

Senior Lecturer - October, 2020.

(i) Details of Teaching Experience at University Level UNDERGRADUATE:

- (1) Teaching of Human Histology to 200 Level & 300 Level M.B; B.S, B.D.S and Physiotherapy, Human Nutrition, Nursing and Pharmacy students 2007 till date.
- (2) Teaching of Human Gross Anatomy to 200 Level & 300 Level M.B; B.S, B.D.S and Physiotherapy, Human Nutrition and Nursing students 2007 till date
- (3) Teaching of Human Neuroanatomy to 200 Level & 300 Level M.B; B.S, B.D.S and Physiotherapy students 2007
- (4) Teaching of Human Embryology to 300 Level M.B; B.S. & B.D.S., and Physiotherapy students 2007 till date.
- (5) Teaching of Introductory Medical Genetics to 300 Level M.B; B.S. & B.D.S., students 2011 till date.
- (6) Taking of Tutorials on: Gross Anatomy, Histology, Embryology, for 300 Level M.B; B.S. & B.D.S., and Physiotherapy, Human Nutrition, Nursing and Pharmacy students 2007 till date.
- (7) Conduction of Practical Histology classes for 200 Level & 300 Level M.B; B.S. & B.D.S students 2007 till date
- (8) Demonstration of Gross Anatomy Dissection procedures, to 200 Level & 300 Level M.B; B.S. & B.D.S students 2007 till date.

(ii) Details of Teaching Experience at University Level POSTGRADUATE:

- a. Postgraduate Supervision 2016 till date
- b. Teaching of Histochemistry ANA 701) to M. Sc Students
- c. Postgraduate Supervision/Co-supervision of MPhil/PhD students 2016
- d. Internal for Ph D. examinations in the Departments Anatomy, University of Ibadan 2022 till date).
- e. Revision Course Lecture in Embryology of the Cardiovascular system, Faculty of Radiology, West Africa College of Surgeons
- f. Revision Course in Head and Neck Anatomy, Faculty of Dentistry, West African College of Surgeons
- g. Revision Course in Introductory and Advance Medical Genetics, West African College of Physicians.

Research Interest:

My research interest is in Anthropology and Genetics with special focus on Biological Anthropology, Dermatoglyphics and specifically in the study of Human Population, Forensics and Genotoxicity.

Dissertation and Thesis

a. My dissertation and project

1. Palmar and Digital Dermatoglyphics patterns of three major ethnic groups in Nigeria, MSc, Dissertation, 2006.
2. Anthropologic and Genomic Variability Studies of Three Ethnic Groups in South West Nigeria. **Ph. D** Thesis, University of Ibadan, Ibadan, Nigeria. 2016.

Visits to Foreign Laboratories:

Training in Genomics and Haemoglobinopathies, Morehouse School of Medicine, Atlanta, GA, USA. Jan.- August 2010

Services to the University:

(A) Departmental

- (i) Coordinator for M.B.B.S Programme (2010-2019).
- (ii) Lead Teacher for Microanatomy MBBS/BDS (2016- till date).
- (iii) Officer in charge of Embalming Facilities (2020 - 2022).
- (iv) Membership of the Departmental Finance Committee (2020 – 2022; 2022 till date).
- (v) Membership of the Departmental Postgraduate Committee (2016 till date).

(B) Faculty of Basic Medical Sciences

- (i) Member, Faculty Welfare Committee (2003-2004).
- (ii) Member Security Sub-committee for the Sixth UNIBADAN Biomedical Conference, (2008).
- (iii) Member Planning Committee for the Eight UNIBADAN Biomedical Conference, (2010).
- (iv) Faculty Representative, Curriculum Committee 2017 till date

(C) College of Medicine

- (i) Member, College Research & Innovation Management 2021 till date

(D) Services to the Community

1. Member Scripture Union, Nigeria
2. Chairman, Security Committee, Oke'Badan Estate Zone 5, 2018 till date

Publications:

(a) Articles that have already appeared in learned journals:

Esan, O.O., Ebirim, C.G., **Adetona, M.O.**, Ajibade, T.O., Oyagbemi, A.A., Omobowale, T.O., Oladele, O.A., Adedapo, A.A., Yakubu, M.A., Nwulia, E. and Oguntibeju, O.O. (2024). Naringin mitigates testicular injury and associated neuronal toxicity in lead-exposed cockerel chicks. *Avicenna Journal of Phytomedicine*, 14(1), 50-63.

Iji, O.T., Ajibade, T.O., Esan, O.O., Awoyomi, O.V., Oyagbemi, A.A., **Adetona, M.O.**, Omobowale, T.O., Yakubu, M.A., Oguntibeju, O.O. and Nwulia, E., (2023). Ameliorative effects of glycine on

cobalt chloride-induced hepato-renal toxicity in rats. *Animal Models and Experimental Medicine*, 6(2), 168-177.

Oyagbemi, A.A., Ajibade, T.O., Esan, O.O., **Adetona, M.O.**, Awoyomi, O.V., Omobowale, T.O., Ola-Davies, O.E., Saba, A.B., Adedapo, A.A., Nkadimeng, S.M. and McGaw, L.J. (2023). Cardioprotective and renoprotective effects of melatonin and vitamin E on fluoride-induced hypertension and renal dysfunction in rats. *Comparative Clinical Pathology*, 1-13.

Oyagbemi, A.A., Ajibade, T.O., Esan, O.O., **Adetona, M.O.**, Obisesan, A.D., Adeogun, A.V., Awoyomi, O.V., Badejo, J.A., Adedapo, A.D.A., Omobowale, T.O. and Olaleye, O.I., (2023). Naringin abrogates angiotensin-converting enzyme (ACE) activity and podocin signalling pathway in cobalt chloride-induced nephrotoxicity and hypertension. *Biomarkers*, 28(2), 206-216.

Ebirim, C.G., Esan, O., **Adetona, M.O.**, Oyagbemi, A.A., Omobowale, T.O., Oladele, O.A., Adedapo, A.A., Oguntibeju, O.O. and Yakubu, M.A. (2023). Naringin administration mitigates oxidative stress, anemia, and hypertension in lead acetate-induced cardio-renal dysfunction in cockerel chicks. *Environmental Science and Pollution Research*, 30(12), 34890-34903.

Ajibade, T.O., Awodele, O.A., Tijani, M.O., Adejumobi, O.A., **Adetona, M.O.**, Oyagbemi, A.A., Adedapo, A.D., Omobowale, T.O., Aro, A.O., Ola-Davies, O.E. and Saba, A.B. (2023). L-arginine and lisinopril supplementation protects against sodium fluoride-induced nephrotoxicity and hypertension by suppressing mineralocorticoid receptor and angiotensin-converting enzyme 3 activity. *Environmental Science and Pollution Research*, 30(9), 23263-23275.

Ajibade, T., Akinrinde, A., **Adetona, M.**, Oyagbemi, A., Adedapo, A., Larbie, C., Omobowale, T., Ola-Davies, O., Saba, A., Adedapo, A. and Oguntibeju, O. (2022). Luteolin normalizes blood pressure via its antioxidant activity and down-regulation of renal Angiotensin II receptor and Mineralocorticoid receptor expressions in rats co-exposed to Diclofenac and sodium fluoride. *Nigerian Journal of Physiological Sciences*, 37(1), 35-42.

Adeoye, A.M., Adebusoye, L.A., Fakunle, A.G., Aderonmu, O.I., Adebayo, O.M., Michael, O.S., **Adetona, M.O.**, Thrift, A.G., Olaiya, M.T. and Owolabi, M.O. (2022). Day and night blood pressure variability among older persons in South-Western Nigeria. *Nigerian Postgraduate Medical Journal*, 29(3), 206-213.

Badejo, J. A., Michael, O. S., **Adetona, M. O.**, Abdulmalik, O., Agbebi, E., Iwalewa, E. O., Fagbemi, O. S. (2022). Mechanisms of anti-hypertensive activity of methanol leaf extract and fractions of *Persea americana* Mill. (Lauraceae) in rats. *Nigerian Journal of Pharmaceutical Research*, 18(1), 63-74.

Badejo, J. A., O. S. Michael, O. Odebisi, **M. O. Adetona**, O. Abdulmalik, E. Agbebi, E. O. Iwalewa, and O. S. Fagbemi. (2022) Blood Pressure-lowering activity of Extract and Fractions of *Persea americana* Leaf. *Archives of Basic and Applied Medicine* 10 (1): 25-32.

Olowo, A., Samuel, M., **Adetona, M. O.** (2021). Discriminant evaluations on adolescent facial phenotypic morphological variations between two ethnic groups resident in Ibadan (Nigeria) metropolis—A regional baseline geometric pilot study. *Forensic Science International: Reports*, 3, 100193.

Adekunle, A.A., Olowo, A.Y., **Adetona, M.O.**, James, O., Adamson, O.O., Agbogidi, F.O., Oladega, A., Ogunlewe, M., Adeyemo, W.L., Busch, T. and Mossey, P.A. (2021). Variations in Facial Anthropometric Measurements among Major Ethnic Groups in Nigeria: A 3-Dimensional Stereophotogrammetry Analysis. *FACE*, 2(3), 236-243.

Adetona, M. O., Shokunbi, M. T.,(2020). Genome screening for specific microsatellite markers in Nigerian ethnic populations. *African Journal of Medicine and Medical Sciences*, 49(3), 379-391.

Michael, O. S., Badejo, J. A., **Adetona, M. O.**, Abdulmalik, O., Oyedun, O. S., Anetor, J., Ademowo, O. G. (2020). Rodent control methods and knowledge of potential human toxicity in Ibadan: a pilot study. *African Journal of Medicine and Medical Sciences*, 49(3), 331-338.

Bakare, A.A., Akinseye, K.M., Aminu, B.A., Ofoegbu, F.C., Anifowose, S.O., Abruda, S., Fadoju, O.M., Ogunsuyi, O.I., Oyeyemi, I.T., Alabi, O.A., **Adetona, M.O.**, (2020). Genetic and reproductive toxicity of lamivudine, tenofovir disoproxil fumarate, efavirenz and their combination in the bone marrow and testicular cells of male mice. *Annals of Science and Technology*, 5(1), 1-10.

Adetona, M. O., Shokunbi, M. T. (2019). The cephalometry of the Yoruba ethnic group of southwestern Nigeria. *Nigerian Journal of Physiological Sciences*, 34(2), 115-120.

Adetona, M. O., Shokunbi, M.T. (2019). Quantitative anthropometric and dermatoglyphic variation of the major ethnic populations in Nigeria. *Journal of Experimental and Clinical Anatomy*, 18(1), 55-55.

Adetona, M. O. (2018). The variation of ridge density in palm prints among nigerian ethnic populations and its forensic use for sex determination. *Archives of Basic and Applied Medicine*, 6(2), 173-176.

Oyedun, O. S., **Adetona, M. O.** 2014) Multiple hand anomalies with unusual dermatoglyphic pattern in a Nigerian female.

Adetona, M. O. (2014). Volar Digital Transverse Creases of the Nigerians. *Journal of Biology, Agriculture and Healthcare*, 4(16), 127-131.

Adetona, M. O., Oladapo, O. O., Igbigbi, P. S. (2008). Palmar and digital dermatoglyphic patterns of the three major ethnic groups in Nigeria. *African Journal of Medicine and Medical Sciences*, 37(4), 333-337.

MAJOR CONFERENCES/WORKSHOPS ATTENDED (last 5 years):

1. 3rd Scientific Conference of Association of Specialist Medical Doctors in Academics (ASMEDA), University of Lagos, Akoka, Lagos, Nigeria. October 15 – 18, 2023.
2. 8th UNIBADAN Conference of Biomedical Research, University of Ibadan, Ibadan, Nigeria. September 11-15, 2023.
3. 2nd Annual Conference of Association of Specialist Medical Doctors in Academics. September 28 – October 02, 2021. Sokoto, Nigeria.

4. 7th UNIBADAN Conference of Biomedical Research, September 13-18, 2021, University of Ibadan, Ibadan, Nigeria.
5. Bioscience and Phylogenetic conference, Nigeria
6. Workshop on Responsible Conduct of Research, Ibadan.
7. Genetic Toxicology Association of Nigeria, NigeriaPEDAL Workshop. University of Ibadan, Ibadan, Nigeria. May 18-28, 2019.
8. 6th UNIBADAN Conference of Biomedical Research, 13-15 July, 2018, Ibadan, Nigeria.
9. 14th Anatomical Society of Nigeria Scientific Conference. Babcock University, Ilisan, Remo, Ogun State. Nigeria. August 7-11, 2017.
10. 13th Anatomical Society of Nigeria Scientific Conference. Ekiti State University, Ado- Ekiti, Nigeria. September 19-25, 2016.
11. 5TH UNIBADAN Conference of Biomedical Research. University of Ibadan, Nigeria. July 13-15, 2016.

Signed
Dr. M.O. Adetona
December, 2024.