

ADEYEOLUWA, TEMITAYO ESTHER

ADDRESS

Shalom Christian Schools, Canon Babatunde AdeyeOluwa Close, Iletuntun, Ibadan.

SEX: Female
DATE OF BIRTH: 27th July, 1982.
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OBJECTIVE

I am dedicated to influencing science by investigating and analyzing natural remedies to metabolic diseases of humans and animals, as well as motivating students by imparting knowledge that can guide and enlighten positively.

EDUCATIONAL BACKGROUND

I. Higher Educational Institutions Attended with dates

- University of Ibadan, Nigeria: PhD in view. Companion Animal Medicine.
- University of the Free State, South Africa: PhD 2022. Plant Sciences (Botany)
- University of Ibadan, Nigeria: FCVSN 2018. Veterinary Medicine
- University of Ibadan, Nigeria: MVSc 2011. Companion Animal Medicine (PhD grade)
- University of Ibadan, Nigeria: DVM 2007. Veterinary Medicine (Distinctions)

II. Secondary Education

- The International School, University of Ibadan, Ibadan (1994-1999) Secondary School Certificate Examination
- St Louis Grammar School, Mokola, Ibadan (1993-1994) Junior secondary School 1

III. Primary Education

- Oritamefa Nursery and Primary School, Total Garden, Ibadan (1986-1993) Primary School Leaving Certificate

RESEARCH EXPERTISE AND SKILLS

In vivo assays using laboratory animals and models

In vitro antimicrobial susceptibility assays using agars and serial dilution microplate methods

In vivo and in vitro cytotoxicity testing using cell culture assays

Extraction and concentration of extracts and volatile oils using the grinder, shaker, hot water bath and hydro distiller

Breeding and management of animal health

Practice of biosafety and disease prevention

Effective private veterinary practice focused on surveillance and prevention of zoonotic diseases

Qualitative and quantitative analyses of biochemical parameters using reagents with the spectrophotometer, microplate reader, centrifuge and other essential laboratory equipment

Immunohistochemistry and apoptosis assays using humidifying chamber, tanks, microscope, kits and reagents

Genotoxicity testing

GC-MS analysis

Preparation of tissues for analysis using a homogenizer and centrifuge

Preparation and reading of slides using floatation water bath, microtome, block wax trimmers, ovens and microscopes

Measurement of the blood pressure and electrocardiogram of small animals and laboratory animals using non-invasive tail cuff blood pressure system

Statistical analysis and interpretation of data

Writing and editing of articles for publication

AWARDS AND FELLOWSHIPS

- Hewlett-Packard IDEA Leaders and Fellows (2021)
- Fellow of the College of Veterinary Surgeons Nigeria (FCVSN) 2018
- Dean's Merit award for 3rd position 2005/2006 class of Veterinary Medicine 2007.
- Professor D.H Hill prize for the best student in Veterinary Reproduction 2007.
- Departmental prize for the best student; Veterinary Reproduction 2007.
- Distinction in Veterinary Public Health and Preventive Medicine 2007
- Distinction in Veterinary Reproduction and Theriogenology 2007

WORK EXPERIENCE WITH DATES

I. Project assistant, Urbane Project, University of Ibadan, Nigeria (September 2022)

- I took minutes of meetings and wrote technical reports
- I kept documents and liaised with external bodies on behalf of the consortium
- I liaised with the grants and audits office for the release of funds and purchase of equipments
- I traveled with the group to document the research aspect of the project

II. Consultant at the Writing Centre, University of the Free State, QwaQwa campus, South Africa (February 2019-Dec 2020)

- I aided students in academic writing
- I assisted the students in the understanding of their assignments
- I ensured that the students' assignments were written in correct English

III. Contract staff, Department of Plant Science, Faculty of Natural and Agricultural Sciences, University of the Free State, QwaQwa campus, South Africa (September 2018 – Dec 2020)

- I assisted lecturers in the assessment of students' examination and test scripts

IV. Executive Officer, Sow the Seed Group of Schools, Alakia, Isebo, Ibadan, Nigeria.

- I maintained the culture of the institution.
- I was involved in the recruitment and hiring of staff.
- I managed employee benefits.
- I assisted in preparation of salaries.
- I organized trainings and oversaw the development and discipline of staff.

V. Researcher, Cardio-renal laboratory, Faculty of Veterinary Medicine, University of Ibadan, Oyo State, Nigeria (April 2013-July 2016).

- I ensured the housing, feeding and handling of laboratory animals.
- I sacrificed and harvested organs and samples from laboratory animals.
- I prepared, stored and handled the harvested samples.
- I conducted biochemical and haematological analyses of biological samples.
- I prepared samples for histology and immunohistochemistry.
- I conducted molecular biological procedures such as Western blotting and use of tissue cell cultures.

VI. Scientific Writer and Rappateur (Contract appointment), Center for Control and Prevention of Zoonosis (CCPZ), University of Ibadan, Oyo State, Nigeria (January 2013-March 2013).

- I transcribed and compiled conference presentations
- I edited conference papers
- I conducted internet search for enhancement of papers for publication

MEMBERSHIP OF ACADEMIC PROFESSIONAL BODIES

- South African Society of Basic and Clinical Pharmacology (SASBCP); 2019
- Fellow of the College of Veterinary Surgeons Nigeria (FCVSN); 2018

- American Society for Pharmacology and Experimental Therapeutics (ASPET); 2016
- Society for Medicinal Plants and Economic Development (SOMPED); 2016
- Veterinary Council of Nigeria (VCN No: 4770); 2007
- National Veterinary Medical Association (NVMA); 2007

PUBLICATIONS

I. THESIS/DISSERTATION:

- **A comparative study of the synergistic and individual effects of some selected tropical spices in the mitigation of oxidative stress and management of type 2 diabetes).** *PhD thesis submitted at the University of the Free State, QwaQwa Campus, South Africa.*
- **Effect of Aqueous Extracts of *Persea Americana* on the haematological and biochemical Parameters of the Wistar Rat.** *MVSc project submitted at the University of Ibadan, Oyo State, Nigeria.*
- **Effect of *Telfaria occidentali* on anaemia in dogs.** *DVM project submitted at the University of Ibadan, Oyo State, Nigeria.*

II. BOOKS/MONOGRAPHS

CONTRIBUTION TO BOOKS:

- (A) Essential oil of ginger; Effect of cultivation and uses. T.E. Adeyeoluwa. July 2022. ISBN 978-1-83969-119-5
- (B) Pharmacological potentials of ginger. F.O. Balogun, **E.T. Adeyeoluwa** and A.O.T. Ashafa. 2019. Doi: 10.5772/intechopen.8884

III. PUBLISHED REFEREED CONFERENCE PROCEEDINGS:

- Possible protective efficacy of Garcinia Kola seeds on candidiasis complications in Diabetes mellitus. T.E AdeyeOluwa, B.I Okeleye, L. McGaw, A.O.T Ashafa. 2018. The FASEB journal vol.32 supplement 1
- Ameliorative effect of Methanol extract of *Azadirachta indica* leaf on lead acetate-induced hypertension and genotoxicity in Male Wistar Rats. The SOMPED Journal.
- Antioxidant and chemopreventive effect of *Azadirachta indica* on lead acetate induced hepatotoxicity in rats. T. Omobowale, A. Oyagbemi, T.E AdeyeOluwa, O. Akinboye, A. Adedapo. April 2016. The FASEB Journal vol. 30 no. 1 Supplement 1192.9. Abstract.
- Ameliorative effect of Methanol extract of *Azadirachta indica* leaf on lead acetate-induced cardiotoxicity, nephrotoxicity and genotoxicity in Male Wistar Rats. The FASEB Journal vol. 30 no. 1 Supplement 1201.11.
- Comparative effect of ciprofloxacin and levofloxacin on systolic, diastolic and mean arterial blood pressure values of dogs. O. Omobowale, O. A. Oridupa, B. O. Fabiyi, J.

O. Abiola, T. O. Ajibade, T. E. Adeyeoluwa. Proceedings of The Physiological Society. Cardiovascular, Respiratory and Autonomic Control Abstracts. 37th Congress of IUPS (Birmingham, UK) (2013) Proc 37th IUPS, PCB008. Poster Communications

IV. ARTICLES THAT HAVE ALREADY APPEARED IN LEARNED JOURNALS: *In vitro* comparative assessment of the inhibitory effects of single and combined spices against glucose hydrolysing enzymes. **T.E Adeyeoluwa**, F.O Balogun and A.O.T Ashafa. Tropical Journal of Pharmaceutical Research June 2020; 19 (6): 1209-1214

V. MAJOR CONFERENCES/WORKSHOPS ATTENDED:

- South African Society for Basic and Clinical Pharmacology Conference held at the tranquil Kievits Kroon Country Estate near Pretoria, on the 5th to 7th of October, 2019.
- The First International Conference of the Society for Medicinal Plants and Economic Development held at Kopanong Hotel, Johannesburg from Aug 14th to 17th, 2016.
- Experimental Biology Conference held at San Diego, California from 2nd to 6th April, 2016.

EXTRA CURRICULAR ACTIVITIES

Reading, writing, singing, travelling and event planning

LEADERSHIP POSITIONS HELD

- **Executive officer**, Sow the Seed Group of Schools, Alakia, Ibadan, Nigeria; September 2016 till date
- **Coordinator**, Women Organizations, Comfort Sodipo Anglican Church of Salvation, Temidire Estate, Ologuneru, Ibadan, Nigeria; July 2020 till date.

NAMES AND ADDRESSES OF REFEREES

1. Prof Adeolu Adedapo

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