

Iyanuoluwa Olubukola Ademola (Nee Osikoya)
10, Adegbulugbe Layout, Oremeji, Ore Road, Ondo City, Ondo State, Nigeria
+2348068445564
osikoyaiyanuoluwa@gmail.com | iosikoya@unimed.edu.ng

EDUCATION

Ph.D (Applied Biochemistry) **2021**
Federal University of Technology, Akure, Nigeria.
Thesis: Comparative effect of caffeine, catechin and theobromine in scopolamine-induced cognitive dysfunction

Master of Science (Biochemistry) **2015**
Covenant University Ota, Ogun State, Nigeria.
Thesis: Haematologic and anti-anaemic potential of methanolic extract of *Solenostemon monostachyus* P.Beauv Briq. leaf on 2-butoxyethanol rats

Bachelor of Science (Biochemistry) **2012**
Covenant University Ota, Ogun State, Nigeria.
Thesis: Sickle cell polymerization inhibition and enzyme activities on methanolic extract of plants

PROFESSIONAL QUALIFICATIONS

- 1. Graduate Management and Leadership and Productivity (GMLP)** 2012
Awarding Body: Institute of Management, Leadership and Productivity Development, Nigeria (IMLP Nigeria).
- 2. Diploma in Desktop Publishing** 2005-2006
Awarding Body: Computer Training Centre, University of Ibadan.

PEER-REVIEWED PUBLICATION

- Uhunwangho, E.S., Rasaq, N.O. and **Osikoya, I.O.** (2018). Hepatoprotective effects of hexane root extract of *Alchornea laxiflora* in sodium arsenate toxicity in wistar albino rats. *CHRISMED Journal of Health Research*, 5:38-42
- Afolabi, I.S., Okafor, A.M-J., **Osikoya, I.O.**, Akinbo, B.D., Rotimi,S.O. and Adebisi, E.F.(2017). *Solenostemon monostachyus* Modulates Inducible Nitric Oxide Synthase and mRNA Expression in Hemolytic-Induced Rats. *Journal of Biological Sciences*, 17: 353-361
- Osikoya I.O.**, Afolabi I.S., Okafor A.M-J., Rotimi S.O.(2017). Antioxidant activity of *Solenostemon monostachyus* (P.Beauv.)Briq. in induced rats. *International Journal of Biochemistry Research and Review*, 18(4):1-11
- Afolabi, I.S., **Osikoya, I.O.**, Okafor, A.M-J. (2016). Phytotherapy and the relevance of some endogenous antioxidant enzymes in management of sickle cell diseases. In Sickle-Cell

- Afolabi, I.S., **Osikoya, I.O.**, Fajimi, O.D., Usoro, P.I., Ogunleye, D.O., Bisi-Adeniyi, T.D., Adeyemi, A.O. and Adekeye, B.T. (2012). *Solenostemon monostachyus, Ipomoea involucrata and Carica papaya seed oil versus Glutathione, or Vernonia amygdalina: Methanolic extracts of novel plants for the management of sickle cell anemia disease. BMC Complementary and Alternative Medicine, 12:262*

CONFERENCE PRESENTATION

- 3rd Pharma-Food Congress. Functional foods and phytomedicine. Healthy eating, a Key Strategy in a Post-COVID-19 Era. Edo State University, Uzairue, Edo State, Nigeria. 8th-11th August, 2021.
- 35th Nigerian Society of Biochemistry and Molecular Biology (NSBMB) Annual Conference (OTA 2016), Covenant University, Ota, Nigeria. 1st- 4th November, 2016.

CONFERENCE ATTENDED

1. Training Workshop on Teaching and Learning in Higher Education. University of Medical Sciences, Ondo City, Ondo State, Nigeria. 23rd -25th November, 2021
2. 3rd Pharma-Food Congress. Functional foods and phytomedicine. Healthy eating, a Key Strategy in a Post-COVID-19 Era. Edo State University, Uzairue, Edo State, Nigeria. 8th-11th August, 2021
3. Training Workshop on Grantsmanship and Intellectual Property, Center for Research and Development (CERAD), Federal University of Technology, Akure. 15th-16th March, 2021
4. ISN-FUTA Basic School of Neuroscience, Federal University of Technology, Akure. 21st-25th October, 2019
5. 2019 Akure Pharma-Food Congress. Phytomedicine and Functional Foods. Federal University of Technology, Akure. 20th-24th July, 2019
6. Drosophila as a Versatile Model in Biomedical Research and Training Workshop. Federal University of Technology, Akure. 12th-16th March, 2018
7. Alexander Von Humboldt International Conference, Federal University of Technology, Akure (FUTA 2017). April 4th-6th, 2017
8. 35th Nigerian Society of Biochemistry and Molecular Biology (NSBMB) Annual Conference (OTA 2016), Covenant University, Ota, Nigeria. 1- 4 November, 2016
Paper presentation on “Anti-Oxidative and Anti-Anaemic Potential of Methanolic Extract of *Solenostemon Monostachyus* (P.Beauv.) Briq. Leaf in 2butoxyethanol-Rats
9. Hands-on Workshop on Application of Biotechniques to Medicinal plant research, Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. July 18-23, 2016.
10. International Conference on African Development Issues (ICADI). Biotechnology, ICT, Materials and Renewable Energy: Potential Catalyst for African Development, Covenant University, Canaan Land, Ota, Nigeria. May 11-13, 2015
Poster Presentation on “Effect of *Solenostemon monostachyus* (P.Beauv.)Briq. on some endogenous antioxidant enzymes in management of sickle cell diseases”
11. International Biotechnology Symposium and Workshop, Covenant University, Ota, Ogun State, Nigeria. July 2014

12. The Livewell Initiative Grand Health Bazaar 2014. Food as Medicine: The True Access to Emancipation and Wealth. Havilah Event Centre, Victoria Island, Lagos State, Nigeria. May, 2014.
13. International Biotechnology Symposium (IBS). Covenant University, Ota, Ogun State, Nigeria. July 2009

LABORATORY AND RESEARCH WORK EXPERIENCE

- ❖ **Name of Organization:** Institute of Agricultural Research and Training(IAR&T),Moore plantation, Apata, Ibadan November 2012-October 2013
- Position:** Intern
- Role:** Post harvest products and development

TEACHING EXPERIENCE

- ❖ **Name of Organization:** University of Medical Sciences, Ondo October 2015- till date
- Position:** Lecturer II
- Role:** Teaching, assessment, setting exams, invigilation, marking of scripts, grading and recording of results. Final year project supervision.
- ❖ **Name of Organization:** Covenant University Ota, Ogun State Nov 2013- March 2014
- Position:** Graduate Assistant
- Role:** Supervision of undergraduate practical classes, vetting of examination papers, assisted in a BSc project

PROFESSIONAL MEMBERSHIP

1. Member, Functional Foods and Nutraceuticals Association of Nigeria (FFNAN)
2. Member, Nutrition Society
3. Member, American Association for Advancement of Science (AAAS)
4. Member, Institute of Management, Leadership and Productivity Development, Nigeria (IMLP Nigeria)

LEADERSHIP

Faculty Representative at Faculty of Dental Sciences Meeting, University of Medical Sciences, Odosida Campus, Ondo State, Nigeria 2020- till date

Student Level Advisor, Faculty of Allied Sciences (BCM 213), University of Medical Sciences, Odosida Campus, Ondo State, Nigeria 2020-2021.

SIWES Coordinator, Department of Biochemistry, University of Medical Sciences, Ondo. 2017- till date

Faculty Representative at Faculty of Sciences Meeting, University of Medical Sciences, Odosida Campus, Ondo State, Nigeria 2017- till date

Student Level Advisor, Department of Biochemistry, University of Medical Sciences, Odosida Campus, Ondo State, Nigeria 2015- 2019

VOLUNTEER

❖ **Name of Organization:** Ondo State Primary Health Care Board

Position: Supervisor

Role: Effective distribution of long lasting insecticidal nets across Odigbo/Ore local government area, Ondo State, Nigeria.

November, 2017

❖ **Name of Organization:** Redeemed Christian Church of God, Cornerstone Parish, Akure, Ondo State

Position: Summer School Teacher

Role: Taught pupils English Language

July-September, 2018

EXTRA-CURRICULAR ACTIVITIES

Baking, Reading and Singing

REFEREES

Professor I.S. Afolabi

Professor, Department of Biochemistry

Covenant University, Ota,

Ogun State,

Nigeria

israel.afolabi@covenantuniversity.edu.ng, +2348033923264

Professor Ganiyu Oboh

Professor, Department of Biochemistry

Federal University of Technology,

Akure, Ondo State

Nigeria

goboh@futa.edu.ng

+2347031388644

