

ASINMI MUHAMMED ROBIU

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CAREER OBJECTIVE

To secure a challenging position as a scientist in a reputable institute where my education, skills, knowledge and experience will be effectively utilized, aiming at self-improvement in order to achieve the organizational and individual goals and objectives.

EDUCATION

Al-hikmah university, Ilorin

- Ph.D Biochemistry 2023_ in View.
- M.Sc. Biochemistry 2020 – 2022

Usmanu Danfodiyo University Sokoto (UDUS)

- B.Sc. Biochemistry 2014 – 2018

Ilorin Comprehensive High School, Ilorin

- Senior Secondary School Leaving Certificate (S.S.C.E.) 2008 – 2014

An-nur Islamic Nursery and Primary School, Ilorin

- Primary School Leaving Certificates 2002 – 2008

RESEARCH AND SEMINAR EXPERIENCE

Dissertation

*Aphrodisiac Activity and Safety Profile of Aqueous Extract of *Azanza Garckeana* Fruit Pulps in Fluoxetine-Induced Sexually-Sluggish Female Wistar Rats.

Project

*Analysis of Nutrient and Heavy Metal Content of Some Selected Vegetables Used in Sokoto Metropolis

Seminar

- * Roles of Alpha-Glucosidase Inhibitors in the Management of Diabetes Mellitus
- * Roles of Calpains and Caspases in Apoptosis

PUBLICATIONS

National Publications

1. Nurudeen, Q.O., Yusuf, Z.M., Salimon, S.S., Falana, M.B., **Asinmi, M.R.**, Elemosho, A.O. and Dikwa, M.A. (2023). Toxicological Status of the Hydroethanolic Extract of *Piliostigma thonningii* Leaves in Female Wistar Rats. **Nigerian Journal of Biotechnology**. 40(1): 92 – 99. (Official Journal of the Biotechnology Society of Nigeria). [Available on the Internet <https://doi.org/10.4314/njb.v40i1.11>].

2. Dikwa, M.A., Falana, M.B., **Asinmi, M.R.**, Akanji, M.A., Nurudeen, Q.O., (2024). Exposure to Fluoxetine induced Gonado-toxicity in female rats: Modulating role of *Hybanthus enneaspermus*. **Proceedings of the Nigerian Academy of Science**. 17(1): 1 - 11. (Official Journal of Nigerian Academy of Science, the apex Science Society in Nigeria). [Available on the Internet <https://doi.org/10.57046/KMEF8268>].
3. Nurudeen, Q. O., **Asinmi, M. R.**, Falana, M. B., Dikwa, M. A., Yusuf, Z. M. and Lambe, M. O. (2024). Antioxidant activity and toxicological implications of the aqueous extract of *Azanza garckeana* fruit pulp in female wistar rats. **Nigerian Journal of Biochemistry and Molecular Biology**. 39(1): 1-7. (Official Journal of the Nigerian Society of Biochemistry and Molecular Biology). [Available on the Internet <https://doi.org/10.4314/njbmb.v39i1.1>]
4. Falana, M.B., **Asinmi, M.R.**, Dikwa, M.A. and Nurudeen, Q.O. (2024). Bioactive Components, Nutritional Properties, and Antimicrobial Activities of Non-fermented and Fermented Seeds of *Vitis vinifera*. **African Scientist**. 25(1): 55 - 64. (Official Journal of the Society for Experimental Biology). [Available on the Internet <https://publications.africanscientistjournal.org/sites/default/files/2024-06/8-afs2024-015-25108.pdf>].
5. Falana, M.B., Nurudeen, Q.O., Salimon, S.S., Dikwa, M.A., **Asinmi, M.R.** and Okeme, U. (2025). African Shea Tree (*Vitellaria paradoxa* C.F. Gaertn): A Review of its Economic Importance, Phytochemistry and Pharmacological Activities. **Savanna Journal of Basic and Applied Sciences**. 7(1): 44 - 54. (Official Journal of the Faculty of Science, Federal University, Birnin-Kebbi, Nigeria). [Available on the internet <https://sjbas.com.ng/journal/221508Falana%20et%20al.pdf>].
6. Dikwa, M.A., Falana, M.B., **Asinmi, M.R.**, Akanji, M.A. and Nurudeen, Q.O. (2025). Toxicity Evaluation of Aqueous Extract of *Hybanthus enneaspermus* Leaves in Fluoxetine-induced Sexually-impaired Female Rats. **Savanna Journal of Basic and Applied Sciences**. 7(1): 11 - 24. (Official Journal of the Faculty of Science, Federal University, Birnin-Kebbi, Nigeria). [Available on the internet <https://www.sjbas.com.ng/journal/065022Dikwa%20et%20al.pdf>].
7. Nurudeen, Q. O., Yusuf, Z. M., Salimon, S. S., Falana, M. B., Asinmi, M. R., Elemosho, A. O. and Dikwa, M. A. (2023). Toxicological Status of the Hydroethanolic Extract of *Piliostigma thonningii* Leaves in Female Wistar Rats. **Nigerian Journal of Biotechnology**. 40(1): 92 - 99. (Official Journal of the Biotechnology Society of Nigeria). [Available on the internet <https://doi.org/10.4314/njb.v40i1.11>].

International Publications

8. Nurudeen, Q.O., **Asinmi, M.R.**, Falana, M.B. and Dikwa, M.A. (2023). Aphrodisiac Potentials of Aqueous Extract of *Azanza garckeana* Fruit Pulp in Fluoxetine-induced Sexually-impaired Female Rats. **Journal of Science and Technology**. 15(2): 11 -22. (Official Journal of Universiti Tun Hussein Onn Malaysia, Malaysia). [Available on the internet <https://doi.org/10.30880/jst.2023.15.02.002>].
9. Dikwa, M.A., **Asinmi, M.R.**, Falana, M.B., Nurudeen, Q.O., Akanji, M.A. (2023). Aqueous extract of *Hybanthus enneaspermus* exhibited aphrodisiac potentials in fluoxetine-induced sexually-impaired female rats. **Mediterranean Journal of Pharmacy and Pharmaceutical Sciences**. 3(4): 61-72. (Official Journal of Libyan Association for Pharmacists) [Available on the internet <https://doi.org/10.5281/zenodo.10288519>].
10. Nurudeen, Q. O., Abdullahi, S., Falana, M. B., **Asinmi, M. R.**, Dikwa, M. A. and Oweh, O. T. (2024). Protective Effects of Aqueous Extract of *Piper nigrum* Whole Fruits Against Tramadol-

induced Hepato- and Nephrotoxicity in Wistar Rats. **Journal of Science and Technology**. 16(1): 84 - 94. (Official Journal of Universiti Tun Hussein Onn Malaysia, Malaysia). [Available on the internet <https://doi.org/10.30880/jst.2024.16.01.009>].

11. Nurudeen, Q.O., Yusuf, Z.M., Salimon, S.S., Falana, M.B., Ayinla, A., **Asinmi, M.R.**, Oweh, O.T. and Dikwa, M.A. (2024). Hydroethanolic Extract of *Piliostigma thonningii* Leaves Extenuates the Severity of Diarrhoea in Female Rats. **Journal of Complementary and Integrative Medicine**. 21(1): 26 -37. Published by Walter De-Gruyter, Berlin, Germany). [Available on the internet <https://doi.org/10.1515/jcim-2023-0205>]. (SCOPUS INDEXED).
12. Falana, M.B., Dikwa, M.A., **Asinmi, M.R.** and Nurudeen, Q.O. (2024). Comparative Composition, Antioxidants, and Antimicrobial Effects of 3- and 7-day Fermented Seeds of *Nigella Sativa*. **Mediterranean Journal of Pharmacy and Pharmaceutical Sciences**. 4(1): 22 -34. (Official Journal of Libyan Association for Pharmacists) [Available on the internet <http://dx.doi.org/10.5281/zenodo.10627412>].
13. Nurudeen, Q.O., Abdullahi, S., Falana, M.B., **Asinmi, M.R.**, Dikwa, M.A., Oweh, O.T., Buhari, A.O., Adelagun, A.A. and Okeme, U. (2025). Therapeutic Potentials of Aqueous Extract of *Piper nigrum* Whole Fruits Against Tramadol-induced Oxidative Stress and Inflammation in Rats. **Biological and Biomedical Journal**. 3(1): 228-239. (Official Journal of the Egyptian Society of Biological and Biomedical Sciences). [Available on the internet <https://doi.org/10.21608/bbj.2025.426401>].

CAREER PROGRESSION

Al-hikmah University, Ilorin, Nigeria

Technologist II; Biochemistry Unit

(2022 till date)

Key responsibilities

- Prepared chemicals and stock solutions
- Briefed students on theoretical knowledge and conducted several practicals
- Routinely operated equipment and tools in the laboratory
- Kept records of equipment, reagents, and tools

Government Model Secondary School, Ogbia, Bayelsa State (NYSC)

Chemistry/Basic Science Teacher

(2019 – 2020)

Key responsibilities

- Direct and support students in their learning activities.
- Led several Laboratory practicals conducted with the School teacher and other core members.
- Delivers Health talk to schools in conjunction with the Health C.D.S. group.

Usmanu Danfodiyo Teaching Hospital, Sokoto, Sokoto State (Industrial Training)

Chemical Pathologist

(2017)

Key responsibilities:

- Performed routine tests like the estimation of serum electrolyte, urea, calcium, glucose and (LFTs).
- Maintained laboratory equipment, schedules, procedures and manuals.
- Ensured adequate record keeping of patient's information and results.

Seven-Up Bottling Company Limited, Ilorin, Kwara State (Industrial Training)

Key responsibilities

- Preparation of High fructose corn syrup for all seven up products.
- Ensured the quality of water produced by the water treatment plant.
- Performed quality tests on bottles and ingredients used for beverages.

PROFESSIONAL QUALIFICATIONS / CERTIFICATION

- * Health Safety and Environment, Level 1,2,3 (HSE)
- * Human Resource Management Associate (HRMA)
- * Advanced Training Course on Molecular Biological Techniques/Biotechnology

PROFESSIONAL ASSOCIATION / CERTIFICATION

- * Member, Nigerian Society of Biochemistry and Molecular Biology (NSBMB)

SKILLS

Computer Skills: Basic knowledge on Microsoft Office (Word, Excel, Power point, Access, Outlook), Biomedical Softwares (BioSolve IT, Schrodinger Suites, Gromacs, ChemDraw), Accounting Software (Peachtree, Vyapar, Intuit Quickbook), Corel Draw, Internet Utility and PC Fundamentals.

Personal Skills: Leadership, Teamwork, Competition, Financial intelligence, Information processing, Problem Solving, Self-Motivated, Positive Attitude, Result-oriented and Target-driven.

Languages: English, Yoruba

INTEREST/HOBBIES

Reading, Research, Travel and Product champion.

REFEREE

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