**Quadri O. Nurudeen, Ph.D.**

Department of Biological Sciences (Biochemistry Unit), Al-Hikmah University, Ilorin, Ilorin, Nigeria

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**EDUCATION**

**University of Ilorin, Ilorin, Nigeria**

* Ph.D. Biochemistry 2013 - 2016

**National Open University of Nigeria**

* PGD Education 2014 - 2015

**University of Ilorin, Ilorin, Nigeria**

* M.Sc. Biochemistry 2011 - 2013
* B.Sc. Biochemistry 2006 - 2010

**SCHOLARLY PUBLICATIONS**

**Home-Based Publications**

(1) **Nurudeen, Q.O.** and Yakubu, M. T. (2015). Phytochemical Composition, Mineral Contents and Amino Acid Profile of *Phyllanthus amarus* Leaves. ***Al-Hikmah Journal of Pure and Applied Sciences****.* 1: 1 – 7. (Official Journal of the Faculty of Natural Sciences, Al-Hikmah University, Ilorin, Nigeria). [Available on the internet <https://www.alhikmah.edu.ng/ajpas/index.php/ajpas/article/view/1/6>]

(2) Nurudeen, A.T., Sule, I., Ajakaiye, A.O., Braimah, O.J., **Nurudeen, Q.O.,** andNurudeen, L.O. (2015).Analysis of Maternal Mortality Rate in Pregnant Women Attending University of Ilorin Teaching Hospital, Ilorin, Nigeria.***Al-Hikmah Journal of Pure and Applied Sciences***. 2(1): 1 – 6. (Official Journal of the Faculty of Natural Sciences, Al-Hikmah University, Ilorin, Nigeria). [Available on the internet <https://www.alhikmah.edu.ng/ajpas/index.php/ajpas/article/view/6/12>].

(3) **Nurudeen, Q.O.,** Yakubu, M.T., Akanji, M.A. and Oladiji, A.T. (2017). Haematological Profile of Paroxetine-induced Sexually Impaired Male Rats following Oral Administration of Aqueous Extract of *Cnestis* *ferruginea* (Vahl ex De Cantolle) Root. ***Tropical Journal of Health Sciences****.* 24(3): 20-26. (Official Journal of the College of Health Sciences, University of Ilorin - A WHO Collaborating Centre for Research and Manpower Development). [Available on the internet <https://www.ajol.info/index.php/tjhc/article/view/159486>]

(4) Yakubu, M.T., Awotunde, O.S., **Nurudeen, Q.O.,** Ajiboye, T.O., Akanji, M.A. and Salawu, M.O. (2018). Liver and kidney Function Indices of Male Wistar Rats after Oral Administration of Aqueous Extract of *Massularia acuminata* Root. ***Al-Hikmah Journal of Pure and Applied Sciences.***6(1): 1 – 10. (Official Journal of the Faculty of Natural and Applied Sciences, Al-Hikmah University, Ilorin, Nigeria). [Available on the internet <https://www.alhikmah.edu.ng/ajpas/index.php/ajpas/article/view/44/41>]

(5) Falana, M.B. and **Nurudeen, Q.O.** (2018). Antibacterial Activities and Effects of Dosage of Methanol and “Omidun” Extract of *Vitellaria paradoxa* (C.F. Gaertn) Root on Some Diarrheagenic Bacteria. ***Centrepoint Journal (Science Edition****).* 24(2): 121 – 138. (Official Journal of the University of Ilorin, Ilorin, Nigeria). [Available on the internet <http://ejournals.unilorin.edu.ng/journals/index.php/cjs/issue/view/156/Falana>]

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| **Quadri O. Nurudeen** | Page 2 ⚫ Phone: +2348034273045 |



**National Publications**

(6) **Nurudeen, Q.O.** and Yakubu, M.T. (2016). Aqueous Extract of *Phyllanthus* *amarus* Leaves Restores Sexual Competence in Female Rats Induced into Sexual Dysfunction by Fluoxetine. ***Nigerian Journal of Biochemistry and Molecular Biology.***31(1): 1-14. (Official Journal of Nigerian Society of Biochemistry and Molecular Biology).

(7) Folami, S.O., **Nurudeen, Q.O.,** Falana, M.B., Ajiboye, T.O. and Bamaiyi, A.J. (2020). Involvement of Oxidative Stress in Bactericidal Activity of Vanillic acid Against *Staphylococcus aureus*. ***Annals of Clinical and Experimental Medicine***. 1(1): 67 – 72. (Official Journal of the Association of Specialist Medical Doctors in Academics, Sokoto State Chapter, Sokoto, Nigeria). [Available on the internet [Available on the internet [https://doi.org/10.47838/acem.26011977.11162020.asmeda.11.0]](https://doi.org/10.47838/acem.26011977.11162020.asmeda.11.0%5d%20)

###### (8) Nurudeen, Q.O. and Yakubu, M.T. (2020). Aqueous Extract of *Phyllanthus amarus* Schum & Thonn Leaves Attenuated the Alterations in Fluoxetine-induced Anti-estrogenic Activity in Female Rats. *Tropical Journal of Natural Product Research.* 4(7): 310 – 314. (Official Journal of the Faculty of Pharmacy, University of Benin, Benin, Nigeria). [Available on the internet <https://doi.org/10.26538/tjnpr/v4i7.10>]

**International Publications**

(9) Yakubu, M.T. and **Nurudeen, Q.O.** (2012). Effects of Aqueous Extract of *Cnestis* *ferruginea* (Vahl ex De Cantolle) Root on Paroxetine-Induced Sexual Dysfunction in Male Rats. ***Asian* *Pacific* J*ournal of Reproduction****.*1 (2): 111-116. Official journal of the Hainan Medical University, Haikou, China. Published by Elsevier, Ireland [Available on the internet <https://doi.org/10.1016/S2305-0500(13)60060-3>].

(10) **Nurudeen, Q.O.** and Ajiboye, T.O. (2012). Aqueous Root Extract of *Lecaniodiscus cupaniodes* Restores the Alterations in Testicular Parameters of Sexually Impaired Male Rats. ***Asian* *Pacific* J*ournal of Reproduction****.*1 (2): 120-124. Official journal of the Hainan Medical University, Haikou, China. Published by Elsevier, Ireland [Available on the internet <https://doi.org/10.1016/S2305-0500(13)60062-7>].

**(**11) Ajiboye, T.O., Komolafe, Y.O., Oloyede, H.O.B., Adeoye, M.D., Abdulsalami, I.O., Ogunbode, S.M. and **Nurudeen, Q.O**. (2013). Polyphenolic Extract of *Sorghum bicolor* Grain Enhanced Reactive Oxygen Species Detoxification in N-nitrosodiethylamine-treated Rats. ***Food Science and Human Wellness****.* 2(1): 39-45. Official journal of the Beijing Academy of Food Sciences. Published by Elsevier, Ireland [Available on the internet https://doi.org/10.1016/j.fshw.2013.02.001].

(12) Ajiboye, T.O., **Nurudeen, Q.O**. and Yakubu, M.T. (2014). Aphrodisiac Effect of Aqueous Root Extract of *Lecaniodiscus cupanioides* in Sexually Impaired Rats. ***Journal of Basic and Clinical Physiology and Pharmacology***. 25(2): 241–248. (Published by De-Gruyter Publishing House, Berlin, Germany for the Isreal Physiological and Pharmacological Society). [Available on the internet <https://doi.org/10.1515/jbcpp-2013-0061>].

(13**)** Yakubu, M.T. and **Nurudeen, Q.O.** (2014).Toxicological Effects of Aqueous Extractof *Cnestis ferruginea* (Vahl ex DC) Root in Paroxetine-induced Sexually Impaired Male Rats**. *Journal of Investigational Biochemistr****y*. 3(2): 39 – 45. (Official Journal of GESDAV Alumni of Gulhane Military Medical Academy, Ankara, Turkey). [Available on the internet <https://www.ejmanager.com/mnstemps/61/61-1373040330.pdf?t=1575892369>].

(14) Yakubu, M.T., **Nurudeen, Q.O.,** Salimon, S.S., Yakubu, M.O., Jimoh, R.O., Nafiu, M.O., Akanji, M.A., Oladiji, A.T. and Williams, F.E. (2015).Antidiarrhoeal Activity of *Musa paradisiaca* Sap in Wistar Rats. ***Evidence-based Complementary and Alternative Medicine****.* Vol. 2015, Article ID 683726, 9 pages. (Published by Hindawi Publishing Coorporation, USA). [Available on the internet <https://doi.org/10.1155/2015/683726>].

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| **Quadri O. Nurudeen** | Page 3 ⚫ Phone: +2348034273045 |



(15) **Nurudeen, Q.O.,** Ajiboye, T.O., Yakubu, M. T., Oweh, O.T. and Omoregie, N. (2015). Aqueous Root Extract of *Lecaniodiscus cupanioides* Restores Nitric oxide/cyclic Guanosine Monophosphate Pathway in Sexually Impaired Male Rats. ***Journal of Ethnopharmacology***. 175: 181–184. (Official Journal of International Society for Ethnopharmacology, Published by Elsevier, Ireland). [Available on the internet <https://doi.org/10.1016/j.jep.2015.09.008>]

(16) Yakubu, M.T., Adebiyi, A.I. and **Nurudeen, Q. O.** (2019). Aphrodisiac Effects of Aqueous Extracts of *Pausinystalia yohimbe, Cassia sieberiana* and *Cissus populnea* Roots in Paroxetine-induced Sexual Dysfunction Male Rats: A Comparative Study**. *Pacific Journal of Medical Sciences****.* 20(1): 30 – 42. (Official Journal of the School of Medicine and Health Sciences, University of Papua New Guinea, Papua New Guinea). [Available on the internet <https://www.pacjmedsci.com/MT%20Yakubu%20et%20al.%20Pac%20J%20Med%20Sci_Vol%2020%20No%201%20Nov%202019%20pp%2030-42.pdf>].

(17) Falana, M. B. and **Nurudeen, Q. O.** (2019). Assessment of Secondary Metabolites and Antimicrobial activities of four Solvent Extracts of *Vernonia amygdalina* Leaves on Some Selected Pathogenic Microorganisms. ***Pacific Journal of Medical Sciences****.* 20(1): 52 – 63. (Official Journal of the School of Medicine and Health Sciences, University of Papua New Guinea, Papua New Guinea). [Available on the internet <https://www.pacjmedsci.com/MB%20Falana%20and%20QO%20Nurudeen%20Pac%20J%20Med%20Sci_Vol%2020%20No%201%20Nov%202019%20pp%2052-63.pdf>].

(18) Abubakar, I.B., Ukwuani-Kwaja, A.N., Olayiwola, F.S., Malami, I., Muhammad, A., Ahmed, S.J., **Nurudeen, Q.O.** and Falana, M.B. (2020). An Inventory of Medicinal Plants Used for the Treatment of Cancer in Kwara and Lagos State, Nigeria. ***European Journal of Integrative Medicine.*** 34: 1-10. (Article 1D: 101062). Published by Elsevier, Ireland [Available on the internet <https://doi.org/10.1016/j.eujim.2020.101062>].

(19) Falana, M. B. and **Nurudeen, Q. O.** (2020). Analysis of Secondary Metabolites and *In Vitro* Evaluation of Extracts of *Carica papaya* and *Azadirachta indica* Leaves on Selected Human Pathogens. ***Notulae Scientia Biologicae***. 12(1): 57 – 73. (Official Journal of the Horticulture and Forestry Society from Transylvania). [Available on the internet <https://doi.org/10.15835/nsb12110541>].

(20) Falana, M. B. and **Nurudeen, Q. O.** (2020). Evaluation of Phytochemical Constituents and *In Vitro* Antimicrobial Activities of Leaves Extracts of *Calotropis procera* Against Certain Human Pathogens. ***Notulae Scientia Biologicae***. 12(2): 208 – 221. (Official Journal of the Horticulture and Forestry Society from Transylvania). [Available on the internet <https://doi.org/10.15835/nsb12210699>].

(21) **Nurudeen, Q.O.,** Salimon, S.S., Falana, M. B., Oweh, O.T. and Abubakar, I.B. (2020). Antioxidant activity and toxicological implications of the aqueous extract of *Phyllanthus amarus* (*Euphorbiaceae*) leaves in female Wistar rats. ***Pacific Journal of Medical Sciences****.* 21(1): 29 – 40. (Official Journal of the School of Medicine and Health Sciences, University of Papua New Guinea, Papua New Guinea). [Available on the internet <https://www.pacjmedsci.com/QO.%20Nurudeen%20et%20al%20Pac%20J%20Med%20Sci%20Vol%2021%20No%201%20Sept%202020%20pp%2029-40.pdf>]

(22) **Nurudeen, Q. O.** and Falana, M. B. (2021).Identification and Quantification of Secondary Metabolites and the Antimicrobial Efficacy of Leaves Extracts of Some Medicinal Plants. *Zanco Journal of Pure and Applied Sciences.* 33(1): 91–106. (Official Journal of Salahaddin University-Erbil, Iraq). [Available on the internet <https://doi.org/10.21271/ZJPAS.33.1.10>].

**B. CHAPTER IN A BOOK**

(23) Akanji, M.A., Yakubu, M.T., and **Nurudeen, Q.O.** (2017). Health Implications of Recent Increase in the Use of Local Herbal Aphrodisiacs. In: ***Functional Foods: Unlocking the Medicine in Food.*** Oboh, G. (eds). Chapter 20, pp. 266-276. (Published by Alexander Von Humboldt Foundation).

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| **Quadri O. Nurudeen** | Page 4 ⚫ Phone: +2348034273045 |



**SCIENTIFIC PRESENTATIONS**

**(**1**)** Yakubu, M. T. and **Nurudeen, Q. O.** Safety Evaluation of Aqueous Extract of *Cnestis* *ferruginea* (Vahl ex De Cantolle) Root in Paroxetine-induced Sexually Impaired Male Rats. Paper presented at the 32nd Annual Scientific Conference of the Nigerian Society of Biochemistry and Molecular Biology (NSBMB) held at University of Calabar, Calabar, Nigeria. November, 2012.

(2) **Nurudeen, Q. O.,** Yakubu, M. T**.,** Akanji, M. A. and Oladiji, A. T. Effects of Aqueous Extract of *Cnestis* *ferruginea* (Vahl ex De Cantolle) Root on the Haematological Parameters of Sexually Impaired Male Rats. Paper presented at the 13th Annual Scientific Conference of the Nigerian Society of Experimental Biology (NISEB) held at University of Ilorin, Ilorin, Nigeria. March 5th– 8th, 2013.

(3) Yakubu, M. T., Ekemode, A. D., Dopemu, G. O., Babagbemi, O. O., Balogun, O. E., Oladiji, A. T., **Nurudeen, Q. O.** and Williams, F. E. Antidiarrhoeal Activity of *Musa paradisiaca* Sap in Wistar Rats. Paper presented at the 1st U6 Consortium International Conference held at Kwara State University, Malete, Kwara State, Nigeria from 27th to 31st October, 2013.

(4) **Nurudeen, Q.O.,** Ajiboye, T.O., Yakubu, M. T. and Oweh, O.T. Effects of Aqueous Extract of *Lecaniodiscus cupanioides* root on Penile Cyclic Guanosine Monophosphate (cGMP) and Plasma Nitric Oxide of Sexually Impaired Male Rats. Paper presented at the 33rd Annual Scientific Conference of the Nigerian Society of Biochemistry and Molecular Biology (NSBMB) held at University of Ilorin, Ilorin, Nigeria. November 11th– 14th, 2014.

(5) Yakubu, M. T. and **Nurudeen, Q. O.** Aqueous Extract of *Phyllanthus* *amarus* Leaves Reverses Fluoxetine-induced Sexual Dysfunction in Female Rats. Paper presented at the 3rd U6 Consortium International Conference held at University of Ilorin, Ilorin, Nigeria from 6th to 10th September, 2015.

(6) **Nurudeen, Q. O.** and Yakubu, M. T. Aqueous Extract of *Phyllanthus* *amarus* Leaves Attenuated the Alterations in Fluoxetine-induced Anti-estrogenic Activity in Female Rats**.** Paper presented at the10th congress of the Federation of African Societies of Biochemistry and Molecular Biology / 34th Conference of Nigerian Society of Biochemistry and Molecular Biology held at Federal University of Technology, Minna, Nigeria from 2nd to 6th November, 2015.

(7) Yakubu, M. T., Adebiyi, A. I. and **Nurudeen, Q. O.** Aphrodisiac Activities of Aqueous Extracts of *Pausinystalia yohimbe, Cassia sieberiana* and *Cissus populnea* Roots in Paroxetine-induced Sexual Dysfunction Male Rats: A Comparative Study**.** Paper presented at the35th Annual Conference of the Nigerian Society of Biochemistry and Molecular Biology held at Covenant University, Ota, Nigeria from 1st to 4th November, 2016.

(8) Yakubu, M. T., Mustapha, I. O., **Nurudeen, Q. O.,** Owoyele, B. V. and Oyegoke, R. A. Anti-Ulcerogenic Activity, biochemical and haematological changes in Aspirin-Induced Gastric Ulcer in Rats after administration of Aqueous Extract of *Gomphrena celesiodes* Leaves Paper presented at the36th Annual Conference of the Nigerian Society of Biochemistry and Molecular Biology held at University of Uyo, Uyo, Nigeria from 13th to 17th November, 2017.

(9) **Nurudeen, Q. O**., Zubairu, Z. K. and Yakubu, M. T. Assessment of Antioxidant Enzymes and Toxicological Studies of Aqueous Extract of *Phyllanthus amarus* Schum Thonn (Euphorbiaceae) Leaves in Female Wistar Rats. Paper presented at the37th Annual Conference of the Nigerian Society of Biochemistry and Molecular Biology held at Umaru Musa Yar’adua University, Katsina, Nigeria from 4th to 8th November, 2019.

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**CAREER PROGRESSION**

**(A) 2013- 2017- Abdulraheem College of Advanced Studies (ACAS), Igbaja, Kwara State (Affiliated to Al-Hikmah University, Ilorin, Nigeria)**

(a) Assistant Lecturer, Department of Biochemistry (Oct. 1, 2013 – Sept. 30, 2016).

(b) Lecturer II, Department of Biochemistry (October 1, 2016 – September 30, 2017).

**(B) 2017 till date- Al-Hikmah University, Ilorin, Nigeria**

(a) Lecturer II, Department of Biological Sciences (Sept 8, 2017 – March 28, 2019).

(b) Lecturer I, Department of Biological Sciences (March 29, 2019 – May 10, 2021).

(c) Senior Lecturer, Department of Biological Sciences (May 11, 2021 – Date).

**ADMINISTRATIVE EXPERIENCE SINCE BASIC QUALIFICATION**

**At Abdulraheem College of Advanced Studies (ACAS), Igbaja, Kwara State (Affiliated to Al-Hikmah University, Ilorin, Nigeria)**

1. Head of Schools, ACAS, Igbaja, Oct. 2015 – Sept. 2017
2. Chairman, College Seminar Committee, ACAS, Oct. 2015 – Sept. 2017
3. Member, Academic Planning Committee, ACAS, Oct. 2014 – Sept. 2017
4. Ag. Dean, School of Natural Sciences, ACAS, Igbaja, Nov. 2013 – Sept. 2017
5. Member, In-house Training Committee, ACAS, Oct. 2013 – Sept. 2017
6. Member, Ceremonials Committee, ACAS, Igbaja, Oct. 2013 – Sept. 2017
7. Head, Dept. of Biological Sciences, ACAS, Igbaja, Oct. 2013 – Oct. 2015
8. Chief Examination Officer, School of Natural Sciences, ACAS, Igbaja, Oct. 2013- Sept. 2017

**At Al-Hikmah University, Ilorin, Nigeria**

**1. Departmental level**

1. Ag. Head, Dept. of Biological Sciences (Biochemistry, Microbiology and Biology programmes) Sept., 2020 - Date
2. Chairman, Departmental Board of Examiners Sept., 2020 - Date
3. Chairman, Departmental Postgraduate Board Sept., 2020 - Date
4. Seminar Coordinator, Dept. of Biological Sciences Sept., 2017 - Sept., 2020
5. 300 Level Academic Adviser Sept., 2017 - Oct. 2020
6. Drafted M.Sc. Biochemistry Curriculum Oct., 2019
7. Secretary, Departmental Postgraduate Committee Feb., 2020 – Sept., 2020

**2. Faculty level**

1. Member, Faculty of Natural Sciences Journal Committee Oct, 2017 – Sept., 2020
2. Member, Faculty Board of Examiners Sept., 2017 - Date

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| **Quadri O. Nurudeen** | Page 6 ⚫ Phone: +2348034273045 |



**3. University level**

1. Member, Convocation Committee July, 2021 - Date
2. Editorial Member, The Nexus: Al-Hikmah University Journal July, 2021 - Date
3. Member, Senate Council of Al-Hikmah University, Ilorin Sept., 2020 – Date
4. Member, Technical Committee on COVID-19 Sept., 2020 - Date
5. Member, Strategic Planning Committee (SPC) Sept., 2020
6. Coordinator, GNS 301 March, 2020
7. Member, Three-Man Committee on Review of GNS Handbook Jan., 2020

**COURSES TAUGHT (in the last three years)**

**(a) At the Undergraduate Level:**

1. BCH 201: Structure and Chemistry of Biomolecules

2. BCH 202: Introduction to Physical Biochemistry

3. BCH 301: Lipid Biochemistry

4. BCH 302: Membrane Biochemistry

5. BCH 304: Protein and Amino acid Metabolism

6. BCH 307: Analytical Biochemistry

7. BCH 308: Carbohydrate Metabolism

8. BCH 311: Nucleic acid Metabolism

9. BCH 420: Plant Biochemistry

10. BCH 424: Special Topics

11. BCH 425: Clinical and Forensic Biochemistry

**(b) At the Postgraduate Level:**

1. BCH 806: Medical Biochemistry

2. BCH 813: Industrial Biochemistry

**CONTRIBUTION TO JOURNALS**

(1)Reviewer to BIOKEMISTRI (An International Journal published by the Nigerian Society for Experimental Biology).

(2) Reviewer to Nigerian Journal of Biochemistry and Molecular Biology (An International Journal published by Nigerian Society Journal of Biochemistry and Molecular Biology).

(3) Reviewer to Human and Experimental Toxicology (An International Journal affiliated to the French Society of Toxicology, Published by SAGE Publications)

(4) Reviewer to Oxidative medicine and cellular longevity (An International Journal published by Hindawi Publishing Corporation)

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| **Quadri O. Nurudeen** | Page 7 ⚫ Phone: +2348034273045 |



**PROFESSIONAL ASSOCIATION**

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

Member, Nigerian Society for Experimental Biology (NISEB)

Member, American Chemical Society (ACS)

**HONOURS, DISTINCTIONS AND AWARDS**

2020- Letter of commendation from the Vice-Chancellor

2011- Federal Government Scholarship for Postgraduate Studies

2011- NYSC Certificate of meritorious service

2010- Sport Director, Department of Biochemistry, University of Ilorin

2004- Senior Prefect, Idowa Comprehensive High School, Idowa, Ijebu, Ogun State

1998- Head boy, St. Anthony International School, Ketu, Lagos State

**REFEREES**

**Professor Musa Toyin Yakubu, FNSBMB; FAS**

Immediate-Past Director, Central Research Laboratories,

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**Professor Musbau Adewumi Akanji, FAS; FNSBMB; FNISEB; FNIMechE(Hon)**

Immediate-Past Vice-Chancellor,

Federal University of Technology, Minna

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**Professor Adesina Olamide Yusuf Raji**

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