

AMINU ISHAKA M.B.B.S, MMDS_c, PhD.
Medical Biochemist



PROFESSIONAL SUMMARY

A Reader (in view) in the Department of Medical Biochemistry, Faculty of Basic Medical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, with more than twenty years' experience in clinical practice, more than sixteen years' experience in teaching and research. Humbleness, hardworking, teamwork, reliability, innovation, and collaboration are my personal core values.

BIODATA

Name: Dr Aminu Ishaka

MDCN Folio No: MDCN/R/39107

MDCN Full REG No: FM/27092

Gender: Male

Marital status: Married

Date of Birth: 12th April, 1974.

Nationality: Nigerian

State: Zamfara

Local Govt: Gusau

Address: Department of Medical Biochemistry, College of Health Sciences Usman Danfodiyo University Sokoto Nigeria.

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CAREER PROGRESSION

Effective from January 2023: Being assessed for Associate Professor (Reader) in Medical Biochemistry.

2018 to 2022 Senior Lecturer

2013-2017 Lecturer I

2007-2012 Lecturer II

EDUCATION

2012-2017 PhD Medical Biotechnology, University Putra Malaysia

Thesis: Cardioprotective Properties of Rice Bran Wax Policosanol and Oryzanol-rich Fraction Blend nanoemulsions in Induced hyperlipidemic Rat Model.

2008-2011 M.sc Basic Medical sciences – Biochemistry, International Islamic University Malaysia, February, 2011.

Thesis: Paraoxonase (PON1) Activities and Lipid Parameters Among Organophosphate Pesticide Exposed Workers.

1995-2002 Bachelor of Medicine, Bachelor of Surgery (M.B.B.S), College of Health Sciences Usmanu dafodiyo university sokoto Nigeria.

1988-1994 Secondary School Leaving Certificate, Nagarta College Sokoto, Nigeria

1982- 1988 Primary School Certificate, Township Model Primary School Gusau Zamfara State, Nigeria

WORKSHOPS, TRAININGS, SEMINARS/WEBINARS AND CONFERENCES

1. Kaka SS, **Ishaka A**, Isa SA and Ibrahim KG. Anti-Diabetic Activities of Selected Medicinal Plants in High Fat Diet and Dexamethasone-Induced Type 2 Diabetic Rats. Nigerian Medical Association (Sokoto Chapter) Annual General Meeting and Scientific Conference 2023. Book of Abstract page 29.
2. Kaka SS, **Ishaka A**, Isa SA and Ibrahim KG. Thrombolytic Activities of Selected Medicinal Plants in High Fat Diet and Dexamethasone-Induced Type 2 Diabetic Rats. College of Health Sciences Usmanu Danfodiyo University Sokoto Maiden Scientific Conference & Alumni AGM 15th July 2023. Book of Abstract page 44.
3. Workplace Harassment and Bullying: Managing Threats to a Respectful Work Culture, Certificate by Honoris Ethics and Compliance Academy, Nile University of Nigeria Abuja. 7th Dec. 2022.
4. Ethics and Code of Conduct for Colleges and Universities,

Certificate by Honoris Ethics and Compliance Academy, Nile University of Nigeria Abuja. 7th Dec. 2022.

5. Fidelis Aluefua, Aminu Chika, **Aminu Ishaka**, Kabiru Abubakar. Influence of concurrent administration of the methanol leaf extract of *leptadenia hastata* (pers) decne (apocynaceae) with metformin on blood glucose in diabetic rats. Oral presentation at Association of Specialist Medical Doctors in Academics (ASMeDA) National Annual General Meeting and Scientific Conference “Sakkawato 2021” 26th September to 2nd October, 2021.
6. **Aminu Ishaka**. How to choose a career after graduation. Webinar presented to Mentorship and Career Guidance in Nigeria (MECAGIN) on 1st June, 2020.
7. **Aminu Ishaka**. Plasma Therapy and its application in COVID-19. Webinar presented to Parul University India on 15th May, 2020. <http://m.youtube.com/watch?v=I.L&index=1&t=283s>
8. Umar Zayyanu Usman, **Aminu Ishaka**, Armiya’u Ahmed Yelwa, Ridwanu Isah, Tsanu Abdullahi, Suleiman Mainasara (2018). Percentage Implantation losses and Number of Foetuses in Normal and Streptozocin-induced diabetic rats. Annuala General Meeting And Scientific Conference, Nigerian Medical Association. Book of Abstract, Page 26.
9. **Aminu Ishaka** (2018). Rice Bran, The waste that is Rich. Faculty Seminar, Faculty of Basic Medical Sciences. College of Health Sciences, Usmanu Danfodiyo University Sokoto, Nigeria. 31st October, 2018.
10. **Aminu Ishaka** Mustapha Umar Imam Umar Zayyanu Usman Maznah Ismail Rozi Mahmud and Zuki Abu Bakar Zakaria. Nanoemulsified rice bran wax policosanol ameliorates cardiovascular disease risk markers by regulating lipid metabolism in hyperlipidemic rats. Oral Presentation at the 37th Annual Scientific Conference. The Physiological Society of Nigeria, Kaduna, 31st October to 2nd November, 2017. Page 62.
11. Participant Workshop on 21st Century Learning Approach, Continuing and extended education centre (CEdEC), Management and Science University Malaysia, 22nd-26th August, 2016.
12. **Aminu Ishaka**. Bioactives delivery systems: water-based nanoemulsion in nutraceuticals. Presentation at Workshop on Nanomedicine and Nanodelivery, Institute of BioScience, University Putra Malaysia. 19th-21st May, 2015.
13. Maznah I, **Aminu I**, Mustapha Umar Imam, Mahamud R and Zuki Abu Bakar Zakaria. E-ory blend nanoemulsion improves lipid parameters, heart weight and hepatic cholesterol metabolism genes in hypercholesterolemic rats. Poster presentation at 9th Asia Pacific conference on clinical Nutrition APCCN Malaysia 26th to 29th

January, 2015. Book of Proceedings. Page S150. ISSN: 1394-035X

14. Ivvala Anand Shaker, **Aminu Ishaka**, Kumar Ponnuswamy, Ganesan Kumar, Sakina Roohee, Khaled Saleh (2013). Effects of Oxidative Stress on Biochemical Parameters in Breast Carcinogenesis. 1st National Conference for Cancer Research/5th Regional Conference on Molecular Medicine.
15. Participant Workshop on Pathological Toxicology (2012). School of Graduate Studies, University Putra Malaysia. October, 2012.
16. Participant Workshop on Use of Rodents and Rabbits in Research. Comprehensive Medical & Technology Unit (COMeT), Institute of BioScience, University Putra Malaysia. 5th – 7th 2012.
17. Participant Seminar on Elements of Thesis Writing. School of Graduate Studies, University Putra Malaysia. 25th May, 2011.
18. Participant Workshop on Examination of Thesis (Expectation from Examiners including Viva). School of Graduate Studies, University Putra Malaysia. 9th May, 2011
19. Participant Seminar on Scientific Writing and Publishing in Journal. School of Graduate Studies, University Putra Malaysia, 20th May, 2011.
20. Participant Workshop on Wiley Library. School of Graduate Studies, University Putra Malaysia, 21st February, 2011.
21. **Ishaka, Aminu**, Abdullah, Nor Zamzila, Samsuddin, Niza, Mohd Rus, Razman and Mohamed, Rozila @ Abdul Hadi. Paraoxonase (PON1) Activities And Lipid Profiles Among Organophosphate (Ops) Pesticide Exposed Workers. Poster Presentation at The 11th Symposium of Malaysian Society of Applied Biology, Malaysia 13-15th June, 2010. Poster presentation at the 9th Annual Scientific Meeting College of Pathologists, Malaysia, 26th June 2010
22. Nor Zamzila, **Ishaka, Aminu**, Samsuddin, Niza, Mohd Rus, Razman and Mohamed, Rozilah @ Abdul Hadi. Oxidized- Low Density Lipoprotein Level Among Organophosphates (OPs) Pesticides Exposed Workers. Poster presentation at the 9th Annual Scientific Meeting College of Pathologists, Malaysia, 26-28th June 2010. The Malaysian Journal of Pathology, Volume 32 (2), 152-153. ISSN 0126-8635.
23. Samsuddin, Niza, Abdullah, Nor Zamzila, **Ishaka, Aminu**, Mohd Rus, Razman and Mohamed, Rozilah @ Abdul Hadi (2010). Plasma cholinesterase and paraoxonase activities among organophosphate pesticides exposed estate workers. Malaysian Journal of Community Health, 16 (Supp.1). pp. 61-62. ISSN
24. Participant in Training on User Instrument Tecan's Freedom EVO 75. Molecular Research Lab, Kulliyah of Medicine, International Islamic University Malaysia. 18th –

20th January, 2010.

25. Participant Workshop on Advance Biostatistics. Department of Community Health and Family Medicine, International Islamic University Malaysia. 8-9th October, 2009.
26. Participant Workshop on Basic Biostatistics. Department of Community Health and Family Medicine, International Islamic University Malaysia. 6-7th October, 2009.
27. Participant Workshop on Clinical Research Methodology & Longitudinal Data Analysis. Non-Communicable Research Unit, Department of Community Health and Family Medicine, International Islamic University Malaysia. 15-16th August, 2009.
28. Participant Workshop on Advance SPSS. Malaysian Public Health Physicians Association & Department of Community Health and Family Medicine, International Islamic University Malaysia. 22nd-23rd June, 2009.
29. Participant Workshop on Basic SPSS. Malaysian Public Health Physicians Association & Department of Community Health and Family Medicine, International Islamic University Malaysia. 15-16th June, 2009.
30. Participant Training on Real time PCR, Institute of System Biology (INBIOSIS), University Kebangsaan Malaysia (UKM) Kuala Lumpur, 5th March 2009.
31. Participant Training on Basic Pipetting Application and Maintenance. Eppendorf clinic, International Islamic University Malaysia Kuantan pahang, 31st March - 1st April 2009.
32. Participant seminar on research findings No 2, 21st August; 2008. International Islamic University Malaysia
33. Participant Ipas workshop on Women-Centered Abortion care training, June 2007, Sokoto state specialist Hospital Sokoto Nigeria.
34. Participant Revision and Update Course on the Scientific Basis of Obstetrics and Gynaecology. West African College of Surgeons. 22nd – 27th August, 2005.

WORK EXPERIENCE

1. Acting Head of Department (Sabbatical), Department of Medical Biochemistry, Faculty of Basic Medical Sciences, College of Health Sciences, Nile University of Nigeria, Abuja Nov 2022 to date
2. External Examiner Biochemistry/Physiology, Doctor of Veterinary Medicine (DVM)

program at Faculty of Medical Sciences, University of West Indies Republic of Trinidad & Tobago 2022 to date.

3. Member, Usmanu Danfodiyo University Ranking Committee 10th March 2022 to date
4. Chairman, Registration committee LOC National Annual General meeting and Scientific conference Sakkwato 2021. Association of Specialists Medical Doctors in Academics (ASMeDA) 26th September to 2nd October, 2021.
5. Secretary, Fund raising committee LOC Nigerian Society for Biochemistry and Molecular Biology Conference, Sokoto 2021. February 2020 to June 2021.
6. Medical Biochemistry Co-ordinator, College of Health Sciences, Usmanu Danfodiyo University Sokoto February 2021 to date
7. Member, Publicity Committee, Nigerian Medical Association NMA, Sokoto Branch, July 2020 to date
8. Faculty Examination Officer, Faculty of Basic Medical Sciences, College of Health Sciences, Usmanu Danfodiyo University Sokoto. June 2020 to Nov 2022
9. Business Circulation Manager, Editorial Board, Annals of Clinical and Experimental Medicine, February 2020 to date
10. INEC Collation officer, Shagari LGA Governorship and state house of Assembly election, 9th March, 2019
11. INEC Collation officer, Dange Shuni LGA presidential election Senatorial and House of Assembly membership Election, 22nd February, 2019
12. Treasurer, Association of Medical Doctors in Academics, Sokoto state Chapter, Nigeria 2018 to date
13. College of Health Sciences Representative to Faculty of Management Sciences Board,

Usmanu Danfodiyo University Sokoto, March 2018 to date.

14. Faculty of Basic Medical Sciences Representative at the Faculty Board of Management Sciences 2nd March, 2018
15. Senior Lecturer, Department of medical Biochemistry, Usmanu Danfodiyo university sokoto, Nigeria-2018 to date.
16. Level coordinator 300 level Medical Biochemistry class from September 2017
17. Member committee on Re-organization of Biochemistry Laboratories, from October 2017
18. Chairman Subcommittee to review the curriculum of 300 level Biochemistry courses, from November 2017
19. Member Subcommittee to review the curriculum of postgraduate Biochemistry courses, from November 2017
20. Senior Lecturer, Biochemistry Unit, International Medical School, Management and Science University, Shah Alam, Malaysia 2013-2017.
21. Research assistant 'Biochemical and Behavioral Determinants of Neurodegenerative diseases: A multicenter study' RMGS/08-01 International Islamic University Malaysia 2009-2010
22. Resident doctor, Dept. of obstetrics and gynaecology, Usmanu Danfodiyo university teaching hospital sokoto, Nigeria-2005-2007.
23. Medical officer, Department of obstetrics and gynaecology, General Hospital Gusau, Zamfara state Nigeria-2004-2005.
24. Youth service medical officer, primary health centres Briyel, Bayo Local Government Council, Borno state, Nigeria-2003-2004.
25. Intern officer, Usmanu Danfodiyo university teaching hospital sokoto Nigeria-2002-2003.

UNDERGRADUATE SUPERVISION 2018-2022

S/N	Name	Matric No	Project title
1.	Rahimat AbdulWahab	1610304362	Comparisons of chemical characteristics and vitamin e contents of moringa, peanut and sesame oil extracted by mechanical pressing in Sokoto
2.	Fatima Musa Ibrahim	1610304428	Effect of deep frying on the chemical properties of sweet potato
3.	Jummai Hassan	1610304083	Comparison of wax contents and some physical properties of moringa, peanut and sesame oils extracted by mechanical pressing.
4	Marcel Veronica Chidimma	1610304147	Proximate analysis and mineral contents of locally grown cabbage
5	Rafiat Rabi	1610304065	Assessment of selected sachet and borehole water in usmanu danfodiyo university sokoto main campus
5	Ramlatu Abdullahi Adam	1610304360	Comparative anlysis of nutrient composition of camel and cow milks in sokoto
6	Aliyu Ummusalam Hassan	1610304367	Physicochemical Properties of Local Honey in Dundaye Village
7	Maryam Abubakar Zaki	1610304234	Compositional assessment of locally grown carrot in Sokoto
8	Abubakar Gambo Aliyu	1510304116	Extraction and characterization of honeydew melon (cucumis melo) seed oil
9	Haruna Mustapha	1510304108	Determination of antioxidant vitamins, protein, and minerals of common selected infant formulae
10	Mohammed Haruna Nma	1510304218	Phytochemical contents of Spinach locally grown spinach (spinacia oleracea]
11	Mukhtar Maryam Kware	1511222019	Uric acid levels of in children with sickle cell anemia in during crisis state attending specialist hospital sokoto.
12	Abdulazeez Musa	1510304168	Antioxidant vitamins and minerals in ethanol extract of cabbage
13	Abdulrahman Abdullahi	1410304167	Chemical characteristics of <i>hyptis spicigera</i> seeds oil extracted by soxhlet
14	Bashir Ahmad	1410304115	Proximate analysis of black beniseed (<i>hyptis spicigera</i>) and its oil
15	Sakina Ibrahim Wakaso	1310304100	Comparison of protein and amino acids contents in the seeds of locally grown water melon varieties
16	Amina Sani Isah	1410304081	Comparative study of carbohydrate contents and physicochemical properties of oils extract from seeds of different varieties of locally grown water melon
17	Manir Malami	1310304119	Physicochemical analysis of drinking water from

			different sources in goronyo lga sokoto state
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POSTGRADUATE SUPERVISION 2018-2022

S/N	Adm. Number	Name of student	Title of project	Supervision (Degree)	Status
1.	16210708002	Fidelis Omobhude Aluefua	Influence of concurrent administration of the methanol leaf extract of leptadenia hastata (pers) decne with selected oral hypoglycaemic agents in normal and streptozotocin/nicotinamide-induced diabetic rats	Co-Supervisor (MSc)	Completed 2019
2.	17210304006	Surayya Umar Lawal	Effects of antioxidants-rich supplement on markers of oxidative stress in chromium intoxicated albino rats	Co-Supervisor (MSc)	Completed 2020
3.	18210304003	Sagir Kaka Shinkafi	Screening of selected medicinal plants for antidiabetic and thrombolytic activities in high fat diet and dexamethasone-induced	Main Supervisor (MSc)	Ongoing
4.	19210304011	Faiza Muhammad	Hypolipidemic effect of hyptis spicigera seeds in induced hyperlipidemic <i>drosophila melanogaster</i> model	Main Supervisor (MSc)	Ongoing
5.	19310708002	Aminu Usman	Mechanisms of anticonvulsant activity and toxicity studies of the methanol stem bark extract of comberitum hypopilinum in laboratory animals.	Co-Supervisor (Ph.D)	Ongoing

GRANTS

1. TETFUND National Research Fund (NRF) Intervention. ₦21,560,436.70

Awardees: Ishaka Aminu, Mustapha Umar Imam, Muhammad Murtala Ahmad, Kasimu Ibrahim Ghandi, Murtala Bello Abubakar, Muhammad Hassan Yankuzo, Eno Essien.

Title: Moringa oleifera-fortified ricerice bran product as therapeutic food for malnourished children.

2. **TETFUND Institution Based Research (IBR). ₦1,412,000**

Awardees: Prof. Sahabi Danladi Mahuta, **Dr Aminu Ishaka**, Prof. Abdullahi Ibrahim Tsafe, Dr Suleiman Rabiu.

Title. Protective Effects of Antioxidants Rich Supplement Against Chromium-induced Oxidative Stress in Albino Rats

3. **TETFUND Institution Based Research (IBR). ₦1,618,000**

Awardees: Dr Salihu Tijjani Shinkafi, Dr Mustapha Umar Imam, **Dr Aminu Ishaka**,

Title. Transgenerational Effects of Hyperzincemia on Type 2 Diabetes and Oxidative Stress in Fruitfly Offspring.

PUBLICATIONS

1. Kasimu Ghandi Ibrahim, Sagir Kaka Shinkafi, **Aminu Ishaka** and Suleiman Ahmed Isa. Antidiabetic and Thrombolytic Activities of Some Selected Medicinal Plants in High Fat Diet and Dexamethasone-Induced Type 2 Diabetic Rats. *J. Afr. Assoc. Physiol. Sci.* (JAAPS) Volume 11 (2), 2023.
2. **Aminu I**, Nor Zamzila A, Niza S, Razman MR, Abdul Hadi M. Glyphosate Suppresses the Ability of PON1 to Hydrolyse Oxidized-LDL in the Exposed Farm Workers in Pahang, Malaysia. *IMJM* Vol 22(3), July 2023. <https://doi.org/10.31436/imjm.v22i3>.
3. Hassan Muhammad Yankuzo, **Aminu Ishaka**, Jonah Jane Chinenye, Shafa'atu Sani, Kamaluddin Olalekan Sanusi. A Comparative Evaluation of Brown Rice, White Rice, and a High-Fat Diet On a Diabetic Fruit Fly Model. *BIOKEMISTRI* 34(2): 34270-34277, Dec 2022.
4. Omobhude Fidelis Aluefua, Aminu Chika, Aminu Ishaka, Kabiru Abubakar. Influence of concurrent administration of the methanol leaf extract of *Leptadenia hastata* (Pers) decne (Apocynaceae) with metformin on blood glucose in diabetic rats. *Indian Journal of Physiology and Pharmacology* 66(4): 241-250. 10.25259/IJPP_333_2022.
5. Omobhude F. Aluefua, Aminu Chika, **Aminu Ishaka**, Kabiru Abubakar (2022). Concurrent Administration of the Methanol Leaf Extract of *Leptadenia Hastata* (Pers) Decne (Apocynaceae) With Metformin or Glibenclamide Influences Blood Glucose Handling in Normal Rats. *Annals of Basic and Medical Sciences* 3 (2):276-280. ISSN: 2782-7550 (Print) ISSN: 2782-7542 (Online). doi.org/10.51658/ABMS.202232.4.
6. **Aminu Ishaka**, Abdulrahman Abdullahi , Bashir Ahamad, Hassan Yankuzo Muhammad

- (2022). Proximate Composition and Physico-chemical Properties of local Hyptis spicigera seed and its oil. *Nigerian Journal of Basic and Applied Sciences*, 30(2), 112-112..
7. Sakina Ruhi, Puteri Nabilah, Sohayla M. Attalla, Mohamed Treki, Jiyauddin Khan, **Aminu Ishaka**, Shariq Baber, Mohammed Kaleemullah, Salman Hasan (2021). Understanding the Negative Public Perception on Vaccination in West Coast and East Coast Peninsular Malaysia. *Malaysian Journal of Medicine and Health Sciences* 17(1): 77-82. eISSN 2636-9346.
 8. **Aminu Ishaka**, Sakina Ruhi, Sohayla M. Attalla, Faizzelah, Jiyauddin Khan, Shariq Baber, Danish Khan (2020). Assessment of the Type of diet affecting Students' Academic Performance in MSU Campus, Shah Alam: A Cross Sectional Study. *Psychology and Education* 57(9): 2478-2482. ISSN: 00333077.
 9. Muhammad Sani Ismaila, Faruku Bande, **Aminu Ishaka**, Aminatu Abubakar Sani & Karla Georges (2020). Therapeutic options for Covid-19: a quick review. *Journal of Chemotherapy* DOI: 10.1080/1120009X.2020.1868237.
 10. **Aminu Ishaka**, Mustapha Umar Imam, and Maznah Ismail (2020). Nanoemulsification of rice bran wax policosanol enhances its cardio-protective effects via modulation of hepatic peroxisome proliferator-activated receptor gamma in hyperlipidemic rats. *Journal of Oleo Science*. 69(10): 1287-1295. Doi: 10.5650/jos.ess20098
 11. **Aminu Ishaka**, Mustapha Umar Imam, Maznah Ismail, Hassan Muhammad Yankuzo (2020). Rice bran wax Policosanol Ameliorates High-fat-diet-induced Hyperglycaemia and Fatty Liver through the Modulation of Adiponectin and LEPR Genes in Rats. *J Food Nutr Disor* Volume 9 (4):281. Doi: 10.37532/jfnd2020.9(4).281.
 12. Mohamed Mustafa Abdussalam Treki, Sakina Ruhi, Khaled Saleh, Piravetha Balasubramaniam, **Aminu Ishaka**, Jiyauddin Khan, Shariq Baber, Salman Hasan, Mohammed Kaleemullah, Sohayla M. Attalla (2020). Knowledge and Awareness of Thyroid Disorder Among Women in Selangor 2019. *Pharmaceutical and Biosciences Journal*. Vol 8 (2), 07-11. ISSN: 2582-0540.
 13. Usama Aliyu, Muhammad Hassan Yankuzo and **Aminu Ishaka** (2020). Determination of Selected Heavy Metals in Drinking Water Commonly Used in main campus Usmanu Danfodiyo University Sokoto. *IOSR Journal of Applied Chemistry (IOSR-JAC)*. Volume 13, Issue 2 Ser. 1 PP 18-21. e-ISSN: 2278-5736. www.iosrjournals.org.
 14. **Ishaka Aminu**, Aliyu Abubakar Gambo, and Muhammad Hassan Yankuzo (2020) Physico-chemical Characteristics of Sokoto Locally grown *Cucumis melo L* (Honeydew Melon) Seed Oil. *Annals of Clinical And Experimental Medicine* Vol. 1 (1). ISSN: 2714-4674.
 15. Umar Zayyanu Usman, Mahaneem Mohamed, Ainul Bhiyah Binti Abu Bakar, **Aminu Ishaka** (2017). Oral Hypoglycaemic Agent Metformin Reduces Oxidative Stress and Improves Kidney Histology in Streptozotocin-induced Diabetic Rats. *Nigerian Journal of Basic and Applied Sciences*. Accepted Nov, 2017. ISSN: 0331-8753.

16. **Aminu, Ishaka** Maznah Ismail Mustapha Umar Imam Mahmud Rozi Sani Ismaila Muhammad and Zuki Abu Bakar Zakaria (2017). Toxicity evaluation, HET-CAM irritation, and anti-irritation potential of Rice bran wax policosanol Nanoemulsion. *Journal of Nano Research*, 49, 44-55. 10.4028/www.scientific.net/JNanoR.49.44.
17. **Aminu Ishaka**, Mustapah Umar Imam, Maznah Ismail, Rozi Mahmud and Zuki Abu Bakar Zakaria (2016). Nanoemulsified gamma-oryzanol rich fraction blend regulates hepatic cholesterol metabolism and cardiovascular disease risk in hypercholesterolaemic rats. *Journal of Functional Foods*, 26, 338-349. <https://doi.org/10.1016/j.jff.2016.08.015>.
18. Imam, M. U., Ismail, M., Ooi, D. J., Sarega, N., & **Ishaka, A.** (2015). Increased risk of insulin resistance in rat offsprings exposed prenatally to white rice. *Molecular nutrition & food research*, 59(1), 180-184. DOI: 10.1002/mnfr.201400396
19. M.U. Imam, M. Ismail, D.J Ooi, N. Sarega, **A. Ishaka** (2015). Effect of White Rice Consumption on Insulin Resistance in Rats' Offspring. *Journal of Public Health Genomics*, 18(1): 40. ISSN 1662-4246. Doi: 10.1159/000381430.
20. Imam, M. U., **Ishaka, A.**, Ooi, D. J., Zamri, N. D. M., Sarega, N., Ismail, M., & Esa, N. M. (2014). Germinated brown rice regulates hepatic cholesterol metabolism and cardiovascular disease risk in hypercholesterolaemic rats. *Journal of Functional Foods*, 8, 193-203. <https://doi.org/10.1016/j.jff.2014.03.013>.
21. **Ishaka, A.**, Imam, M. U., Mahamud, R., Zuki, A. B. Z., & Maznah, I. (2014). Characterization of rice bran wax policosanol and its nanoemulsion formulation. *International journal of nanomedicine*, 9, 2261. 10.2147/IJN.S56999.
22. Muhammad, S. I., Maznah, I., Mahmud, R. B., Saeed, M. I., Imam, M. U., & **Ishaka, A.** (2013). Estrogen receptor modulatory effects of germinated brown rice bioactives in the uterus of rats through the regulation of estrogen-induced genes. *Drug design, development and therapy*, 7, 1409. 10.2147/DDDT.S50861.
23. Kumar Ponnusamy, Ivvala Anand Shaker, Kumar Ganesan, **Aminu Ishaka**, Manah Chandra Changmai and Indang Ariati Ariffin (2013). L-carnitine (VITAMIN BT) - A Potent Immunomodulatory, Xenobiotics-detoxifying, Anti-mutagenic Nutrigenomic Molecular Medicine. Review. *Journal of Management and Science University Malaysia*, 11 (2), 2-15. ISSN: 2289-1838.
24. Samsuddin, Niza, Abdullah, Nor Zamzila, **Ishaka, Aminu**, Mohd Rus, Razman and Mohamed, Rozilah @ Abdul Hadi (2010). Plasma cholinesterase and paraoxonase activities among organophosphate pesticides exposed estate workers. *Malaysian Journal of Community Health*, 16 (Supp.1). pp. 61-62. ISSN 1675-1663.

MEMBERSHIP:

Member, Nigerian Medical Association NMA, 2002 to date

American Society for Pharmacology and Experimental Therapeutics since 2011-2016,
Membership No21363

Member, Association of Medical Biochemists Nigeria. 2018 to date

Member, Association of Basic and Clinical Toxicology of Nigeria, 2018 to date

Member, Nigeria Society for Biochemistry and Molecular Biology 2017 To date

Member, Association of Medical Doctors in Academics Nigeria 2015 to date

INTEREST

Medical Biochemistry & Toxicology

Nanomedicine, Nutraceuticals, and Nutrigenomics

Molecular Pharmacology

Obstetrics and Gynaecology

REFEREES

1. Prof Lawal Suleiman Bilbis
Department of Biochemistry and Molecular Biology, Faculty of Chemical and Life Science, Usman Danfodiyo University Sokoto.
lsbilbis@yahoo.co.uk bilbis.lawal@udusok.edu.ng
+2348034227001
2. Prof Muazu Abubakar Gusau
Department of Biochemistry and Molecular Biology, Faculty of Chemical and Life Sciences, Usmanu Danfodiyo University, Sokoto Nigeria
abubakar.muazu1@udusok.edu.ng
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3. Assoc. Prof Nor Zamzila Abdullah
Department of Basic Medical Sciences, Kulliyah of Medicine International Islamic University Malaysia 25200, Indera Mahkota, Kuantan Pahang.
norzamzila@gmail.com, zamzila@iiu.edu.my
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4. Assoc. Prof. Dr. Mustapha Umar Imam

Department of Medical Biochemistry, Faculty of Basic Medical Sciences, College of Health Sciences,
Center For Advance Medical Research and Training (CAMRET), Usmanu Danfodiyo University Sokoto.

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