

**CURRICULUM VITAE AND LIST OF PUBLICATIONS**

**of**

**Dr. Abubakar ABDULRAZAK,  
HEAD, DEPARTMENT OF HUMAN PHYSIOLOGY,**

**FACULTY OF BASIC MEDICAL SCIENCES  
COLLEGE OF MEDICINE  
KADUNA STATE UNIVERSITY  
KADUNA-NIGERIA**

## CURRICULUM VITAE

### PERSONAL DATA:

- 1) **Name in Full** : Dr. Abubakar ABDULRAZAK
- 2) **SP No** : KASU/SP/683 / KDSG0022826
- 3) **Department** : Department of Human Physiology
- 4) **Date of Birth** : 28<sup>TH</sup> AUG, 1984
- 5) **Place of Birth** : Zaria
- 6) **State of Origin** : Kaduna
- 7) **LGA** : Zaria
- 8) **Nationality** : Nigerian
- 9) **Marital Status** : Married
- 10) **Gender** : Male
- 11) **International Languages Spoken** : Hausa, English
- 12) **Current Contact Address** : Department of Human Physiology,  
Faculty of Basic Medical Sciences,  
College of Medicine Kaduna State  
University
- 13) **Permanent Home Address** : No, 30 Nuhu Road Tudun Wada  
Zaria Kaduna State Nigeria
- 14) **Phone Number** : 08069683393
- 15) **E-mail address** : [aabdulrazak@kasu.edu.ng](mailto:aabdulrazak@kasu.edu.ng)  
[elrazakshaf@gmail.com](mailto:elrazakshaf@gmail.com)
- 16) **Date of first appointment with KASU** : 18th/11/2013
- 17) **Date of confirmation of appointment** : 2<sup>nd</sup> December, 2015.
- 18) **Date of last promotion** : 1<sup>st</sup> Oct. 2023
- 19) **Present Rank and Salary** : Assoc. Professor : CONUASS 06/02

### 20) Educational Institutions Attended and Dates

- i) Ahmadu Bello University Zaria, Kaduna Nigeria; 2013 - 2017
- ii) Ahmadu Bello University Zaria, Kaduna Nigeria; 2010 - 2012
- iii) Ahmadu Bello University Zaria, Kaduna Nigeria; 2004 - 2009
- iv) Federal College of Education Zaria; 2013 -2017

- v) C.T.I Computer Institute Sabon-Gari Zaria; 2003-2005
- vi) Government Secondary School Chindit Barracks, SabonGari Zaria: 1999 to 2001
- vii) Government Secondary School Chindit Barracks, SabonGari Zaria: 1995 to 1998
- viii) Ahmadu Bello University Zaria Kongo Campus Staff School: 1990 to 1996

**21) Qualifications With Dates**

- i) PhD. Human Physiology (Endocrinology and Metabolism): 2017
- ii) M.Sc. Human physiology(Endocrinology and Metabolism) : 2012
- iii) B.Sc. Human physiology (Metabolism/Oxidative Stress) : 2009
- iv) Diploma in Education : 2018
- v) Senior Secondary School Certificate : 2001
- vi) Junior Secondary School Certificate : 1998
- vii) Primary School Leaving Certificate : 1996

**22) Additional Education/Qualifications (Training and Workshops) Attended with dates**

- i. Introductory molecular Biology and Bioinformatics Workshop organized by Nigerian Society of Biochemistry and Molecular Biology (NSBMB) held at North-East Zonal Biotechnology Center of Excellence at 39<sup>th</sup> Scientific and Annual general meeting of NSBMB 2023, 12<sup>TH</sup>-13 June 2023, University of Maiduguri, Maiduguri-Nigeria
- ii. The 2021 Research Ethics Workshop, Achieving effectiveness, efficiency, integrity and reliability in animal based research organized by Animal care and use research Ethics Committee, University of Ibadan, held on 28 and 29 June 2021 at Faculty of Veterinary Medicine Auditorium, University of Ibadan, Ibadan Nigeria.
- iii. Laboratory Animal handling; pre-conference workshop at Physiological Society of Nigeria 39<sup>th</sup> National Scientific Conference and annual General Meeting, Bayero University Kano 26 -30<sup>th</sup> October 2021

- iv. Bioinformatics (Online database search (OMIM, NCBI); Sequence analysis; Online primer design; Homology modeling; Phylogenetic tree construction); Introductory to Bioinformatics; pre-conference workshop at Physiological Society of Nigeria 39<sup>th</sup> National Scientific Conference and annual General Meeting, Bayero University Kano 26 -30<sup>th</sup> October 2021
- v. New roles for ion channels and transporters in health and disease, the physiological Society UK, September 2<sup>nd</sup> – September 3<sup>rd</sup>, 2021.
- vi. Data analysis using SPSS Statistical package and use of E-learning Facilities 7th - 9th November 2018; Organised by Directorate of information and communications technology Kaduna State University.
- vii. ADInstruments physiology workshop; ADInstrument physiology workshop held in collaboration with the IUPS and the physiological society of Nigeria at the University of Lagos on 23<sup>rd</sup> October 2014.
- viii. International Union of Physiological Sciences (IUPS) Regional Teaching and Research Workshop held at the 34<sup>th</sup> PSN Scientific conference, Sheraton Hotel, Lagos, Oct 20<sup>th</sup>- Oct 23<sup>rd</sup>, 2014
- ix. Advanced Digital Appreciation Programme for tertiary Institutions (ADAPTI) Training at Nuhu Bamalli Polytechnic Zaria on 7<sup>th</sup> – 11<sup>th</sup> Oct 2013, organized by Digital Bridge Institute
- x. Merck Foundation Africa Asia Luminary 2021, 8<sup>th</sup> edition of Merck Foundation's Annual Conference 27<sup>th</sup> – 29<sup>th</sup> April 2021

### **23) Working Experience With Dates:**

- i) Associate Professor, Department of Human Physiology,  
Faculty of Basic Medical Sciences, College of Medicine, Kaduna State  
University, Kaduna. 1st October, 2023 to date.
- ii) Senior Lecturer, Department of Human Physiology,  
Faculty of Basic Medical Sciences, College of Medicine, Kaduna State  
University, Kaduna. 1st October, 2020 to 30<sup>th</sup> September. 2023.
- iii) Lecturer I : Department of Human Physiology,  
Faculty of Basic Medical Sciences, College of Medicine, Kaduna State  
University, Kaduna, 1st October 2017 to 30<sup>th</sup> September, 2020.
- iv) Lecturer II : Department of Human Physiology,  
Faculty of Basic Medical Sciences, College of Medicine, Kaduna State  
University, Kaduna. 1<sup>st</sup> December, 2013 to 30<sup>th</sup> September, 2017.
- v) Assistant Lecturer (Human Physiology): School of General and Applied Sciences,  
Shehu Idris College of Health Sciences and Technology Makarfi, Kaduna -  
Nigeria. (Dec. 2010 - Nov. 2013).
- vi) Coordinator Basic and Remedial Programme, School of General and Applied  
Sciences, Shehu Idris College of Health Sciences and Technology Makarfi,  
Kaduna – Nigeria. March, 2013 - November 2013.
- vii) Departmental Course Coordinator, BPharm, 200 level, (2014/2015 – 2015/2016  
Sessions).
- viii) Member Curriculum Committee (5<sup>th</sup> September, 2017), Faculty of Basic Medical  
Sciences College of Medicine, Kaduna State University Kaduna.
- ix) Member Curriculum Committee (29<sup>th</sup> March, 2018), Faculty of Basic Medical  
Sciences College of Medicine, Kaduna State University Kaduna
- x) Departmental Examination Officer (2015- to 2021)

- xi) Deputy Faculty Examination Officer (April 2018 to date)
- xii) Head of Department, Department of Human Physiology, Kaduna state University (February 2021 to February 2023)
- xiii) Head of Department, Department of Human Physiology, Kaduna state University (February 2023 to Date)

#### **24) Teaching Experience with Dates.**

##### **List of Courses Taught/Examined and Theses Supervised/On-Going Within the Period In Review (Three Sessions)**

###### **(a) Undergraduate teaching**

###### 1. 2018/2019 Session

- Kidney Experiment for MBBS 300 level, **practical class**
- Visual Acuity/ Perimetry/Test of Vision; Department Of Human Physiology Faculty Of Basic Medical Sciences, College Of Medicine Kaduna State University (MBBS 300 level), **practical class**
- Endocrinology ; Department Of Human Physiology Faculty Of Basic Medical Sciences, College of Medicine Kaduna State University (BPHARM 200level)
- Physiology of the Special Senses; Department Of Human Physiology Faculty of Basic Medical Sciences, College Of Medicine Kaduna State University (MBBS 300 level)

###### 2019/2020 Session

- Reproductive Physiology ;Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (300 Level MBBS)
- Gastrointestinal Physiology; Department of Human Physiology, Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (200 level BPHARM)

- Renal Physiology; Department of Human Physiology, Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 200 level )
- Clinical Examination of the Ear; Department of Human Physiology, Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 300 L), **practical class**
- Differential WBC Count; Department of Human Physiology, Faculty of Basic Medical Sciences, College of Medicine Kaduna State University ( 200 level MBBS), **practical class**
- Renal Physiology; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 200 level KSU)
- Red blood cell count : Department of Human Physiology, Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 300 L KSU), **practical class**
- Reproductive physiology (MBBS 300 L KSU)
- Clinical Examination of the ear (MBBS 300 L KSU), **practical class**

2020/2021 Session

- Reproductive Physiology ; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (300 Level MBBS)
- NeuroPhysiology ; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (300 Level MBBS)
- Endocrine Physiology; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (200 level BPHARM)
- Gastrointestinal Physiology; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 200 level )

- Reproductive Physiology ; Faculty of Allied Health Sciences (BNSc, MLS, Physiotherapy and Radiography) 200 level students.
- Clinical Examination of the Ear: MBBS students 300 Level class), **practical class**
- Frog’s heart experiment; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 300 L), **practical class**
- Lung volumes and capacities experiment; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 300 L), **practical class**
- WBC Count; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University ( Bpharm. students 200 level ), **practical class**
- Osmotic fragility tests, bleeding time, clotting time and blood groups (Bpharm. students 200 level), **practical class**
- Renal Physiology; students of Faculty of Allied Health Sciences (BNSc, MLS, Physiotherapy and Radiography) 200 level
- Red blood cell count : Faculty of Allied Health Sciences (BNSc, MLS, Physiotherapy and Radiography) 200 level students, **practical class**
- Osmotic fragility tests, bleeding time, clotting time and blood groups; Faculty of Allied Health Sciences (BNSc, MLS, Physiotherapy and Radiography) 200 level students, **practical class**

2021/2022 Session

- Reproductive Physiology ; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (300 Level MBBS)
- NeuroPhysiology ; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (300 Level MBBS)



- Endocrine Physiology; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (200 level BPHARM)
- Gastrointestinal Physiology; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 200 level )
- Reproductive Physiology ; Faculty of Allied Health Sciences (BNSc, MLS, Physiotherapy and Radiography) 200 level students.
- Clinical Examination of the Ear: MBBS students 300 Level class), **practical class**
- Frog’s heart experiment; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 300 L), **practical class**
- Lung volumes and capacities experiment; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University (MBBS 300 L), **practical class**
- WBC Count; Department of Human Physiology Faculty of Basic Medical Sciences, College of Medicine Kaduna State University ( Bpharm. students 200 level ), **practical class**
- Osmotic fragility tests, bleeding time, clotting time and blood groups (Bpharm. students 200 level), **practical class**
- Renal Physiology; students of Faculty of Allied Health Sciences (BNSc, MLS, Physiotherapy and Radiography) 200 level
- Red blood cell count : Faculty of Allied Health Sciences (BNSc, MLS, Physiotherapy and Radiography) 200 level students, **practical class**
- Osmotic fragility tests, bleeding time, clotting time and blood groups; Faculty of Allied Health Sciences (BNSc, MLS, Physiotherapy and Radiography) 200 level students, **practical class**

Ten years of Teaching both lecturing and physiology practical

**(iv) Postgraduate Supervision:**

- Member supervisory committee for P18BMHP8012 (MSc. Supervision) January 2022 Department of Human Physiology Ahmadu Bello University Zaria.

(v) **External examination:**

- External examiner for 300level MBBS first professional examination 2019/2020 session, Department of Human Physiology, Federal University Dutse- Jigawa
- External examiner for MBBS 200level promotional examination 2019/2020 session, Department of Human Physiology, Federal University Dutse- Jigawa
- External examiner for 300level MBBS first professional examination 2020/2021 session, Department of Human Physiology Federal University Dutse- Jigawa
- External examiner 200level MBBS promotional examination 2020/2021 session, Department of Human Physiology Federal University Dutse- Jigawa
- External examiner to 400level BSc Physiology projects defence 2022/2023 session, Department of Human Physiology Yusuf Maitama Sule University Kano
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25) **Research Experiences With Date.**

- The use of computer in mammography, 2005 (DDPCP, Project)
- Effects of Ethanolic extract of hibiscus sabdariffalinn seed in sodium nitrate induced oxidative stress in Wistar rats, 2008 (BSc Dissertation)
- Modulatory role of aqueous ethanolic crude extract of *Alyscapus ovalifolius* (Buffalo –clover) on blood glucose level and liver exzymes of alloxan- induced hyperglycaemic wistar ratst, 2012 (MSc Thesis).
- Prevalence and determinants of obesity in Kaduna State University staff and students (2014).
- Effects of clove buds and Fermented ginger supplementations on some physiological parameters in high fat diet induced insulin resistant rabbits (2017)

- Effects of Brown and White Sugar on some physiological parameters in Healthy Wistar rats 2022

## **26) Routine Administrative Duties With Dates**

- Head of Department, Department of Human Physiology, Kaduna state University (2023 to Date)
- Head of Department, Department of Human Physiology, Kaduna state University (Feb. 2021 to Feb. 2023)
- Departmental Examination Officer (2015- to 2021), Department of Human Physiology, Kaduna state University
- Deputy Faculty Examination Officer (April 2018 to 2021)
- Member Curriculum Committee (2017), Faculty of Basic Medical Sciences College of Medicine, Kaduna State University Kaduna.
- Member, College Environmental and landscaping Committee 2017, College of Medicine, Kaduna State University Kaduna
- Coordinator Basic and Remedial Programme, School of General and Applied Sciences, Shehu Idris College of Health Sciences and Technology Makarfi, Kaduna State. March, 2013 - November 2013.
- Departmental Course Coordinator, BPharm, 200 level, (2014/2015 – 2015/2016 Sessions)

## **27) Positions of responsibilities held with dates:**

- Coordinator Basic and Remedial Programme, School of General and Applied Sciences, Shehu Idris College of Health Sciences and Technology Makarfi, Kaduna – Nigeria. March, 2013 - November 2013.
- Departmental Course Coordinator, BPharm, 200 level, (2014/2015 – 2015/2016 Sessions).
- Departmental Examination Officer (2015- to 2021)
- Group Leader; University Examination validation Exercise (2018/2019 Session) to Department of Computer Science and statistic.
- Deputy Faculty Examination Officer (April 2018 to 2021)

- Head of Department, Department of Human Physiology, Kaduna state University (2021 to Date)

## **28) Membership of Professional Societies / Learned Bodies**

- i). Member; Physiological Society of Nigeria
- ii). Member; African Association of Physiological Sciences
- ii). Member; Physiological Society United Kingdom
- iii). Member; National society for Biochemistry and Molecular Biology

## **29) Community service**

### **i. Nation**

- National Secretary General, Chindit Barracks Old students Association, National Body
- Member Ahmadu Bello University students ALUMNI
- Member Ahmadu Bello University MSSN ALUMNI

### **ii. State**

### **iii. LGA**

Member Dandutse development Council, Tudun Wada Zaria

Member Jushi/Banzazzau development Forum Zaria

Member Dan Rimi Road development Forum, Nagoyi Zaria

Member Chindit Barracks Old students Association, Depot Nigerian Army Zaria Chapter

### **iv. University / Institution / Center / Faculty / Department**

- Head of Department, Department of Human Physiology, Kaduna state University (Feb. 2023 to Date)
- Head of Department, Department of Human Physiology, Kaduna state University (Feb. 2021 to Feb. 2023)
- Chairman, Departmental Appointment and Promotion Committee, Department of Human Physiology, Faculty of Basic Medical Sciences, College of Medicine, Kaduna State University (KASU) 2021 -Date

- Member, Faculty Appointment and Promotion Committee, Faculty of Basic Medical Sciences, College of Medicine, Kaduna State University (KASU) 2021 – Date
- Chairman, Departmental Board of Examiners, Department of Human Physiology, Faculty of Basic Medical Sciences, College of Medicine, Kaduna State University (KASU) 2021 –Date
- Member, Faculty Board of Examiners, Faculty of Basic Medical Sciences, College of Medicine, Kaduna State University (KASU), 2013 – Date
- Member, College Board of Examiners, College of Medicine, Kaduna State University (KASU), 2013 - Date
  
- Departmental Examination Officer (2015- to 2021), Department of Human Physiology, Kaduna state University
- Deputy Faculty Examination Officer (April 2018 to Date)
- Member Curriculum Committee (2017), Faculty of Basic Medical Sciences College of Medicine, Kaduna State University Kaduna.
- Member, College Environmental and landscaping Committee 2018, College of Medicine, Kaduna State University Kaduna
- Coordinator Basic and Remedial Programme, School of General and Applied Sciences, Shehu Idris College of Health Sciences and Technology Makarfi, Kaduna State. March, 2013 - November 2013.
  
- v. Departmental Course Coordinator, BPharm, 200 level, (2014/2015 – 2015/2016 Sessions)
- vi. Member; College Environmental and landscaping committee, 2017
- vii. Member ; Faculty journal, conference, seminar, research and ethics committee
- i) Group Leader; University Examination validation Exercise (2018/2019 Session) to Department of Computer Science and statistic.
- viii. Others;
- ix. Member Curriculum Committee (2018), Faculty of Basic Medical Sciences College of Medicine, Kaduna State University Kaduna

- x. Member Curriculum Committee (2019), Faculty of Basic Medical Sciences  
College of Medicine, Kaduna State University Kaduna

**30) Conference organized with dates:**

- LOC MEMBER; Physiological Society of Nigeria, 37<sup>TH</sup> Annual Scientific Conference, Physiological Indices: Veritable Tools in Health and Disease, KASU Multipurpose Hall, Kaduna State University Main Campus, Kaduna Nigeria. 31<sup>ST</sup> Oct. – 2<sup>ND</sup> Nov. 2017.
- LOC MEMBER; Physiological Society of Nigeria 38<sup>th</sup> National Scientific Conference and annual General Meeting, 22<sup>nd</sup> – 27<sup>th</sup> Sept. 2019, held at School of Postgraduate Studies, Ahmadu Bello University Zaria

**31) Conference attended with dates:**

- Jimoh, A., Tanko, Y., Mohammed, K. A., **Abdulrazak, A.**, Sada, N.M., Dikko, A. A.U., Ayo, J.O. (2015), Protective Effect of Selenium Yeast on Cholesterol Diet Induced Type 2 Diabetes Mellitus and Oxidative Stress in Wistar Rats. Physiological Society of Nigeria, XXXVTH Annual Scientific Conference, The Role of Physiologist in Health Care Delivery, CEMAC Center, University of Nigeria Enugu Campus, Enugu Nigeria. 16th-18th September, 2015.
- **Abdulrazak, A.**, Tanko, Y., Mohammed, A., And Dikko, A.A.U. (2016), Effects Of Clove And Fermented Ginger Supplements On Total Body Weight And Serum Electrolytes Levels In High Fat Diet-Induced Insulin Resistance Rabbits, School Of Postgraduate Studies, Ahmadu Bello University, Zaria-Nigeria, Postgraduate Students Conference, 23-24th November, 2016.
- Fatima L. ciroma, MA Kan, F Adiri, MS Yusuf, OM Avidime, **A. Abdulrazak**, MN Sada (2015), The Ethical Challenges of Conducting a Population-based Screening for Non-communicable Diseases in a Setting with Limited Universal Health Coverage; United Nations Educational, Scientific and Cultural Organization (UNESCO) Chair in Bioethics 10th World Conference, Bioethics, Medical Ethics and Health Law, Crowne Plaza Hotel Jerusalem, Israel, Jan. 2015.

- Kana M.A, F. Ciroma F.L., Yusuf M.S, Avidime O. M., **Abdulrazak A.** and Sada M.N (2015). How overweight and obese are staff and students of a Nigerian University? A contemporary Glimpse of the Burden of Overweight and Adult Obesity, Annual General Meeting / Scientific Conference of the Association of Public Health Physicians of Nigeria, Held at Makurdi, Benue State, Nigeria. Book of Abstract. Doi:10.13140/RG.2.1.3406.0329
- **Abdulrazak, A.**, Tanko Y., Mohammed, A., Sada N.M., Dikko A.A.U. and Mohammed K. A.(2018). Modulatory role of clove and fermented ginger supplements on oxidative stress and lipid peroxidation biomarkers in high fat diet induced type 2 Diabetes in Rabbits
- **Abdulrazak, A.** Tanko, Y., Mohammed, A., Sada M. N., Mohammed, K. A. and Dikko, A.A.U (2019), Assessment of Liver enzymes Level in type 2 Diabetic Rabbits Treated with Combined Supplementation of *Syzygium aromaticum* and fermented *Zingiber officinale* Supplements, Physiological Society of Nigeria 38<sup>th</sup> National Scientific Conference and annual General Meeting, 22<sup>nd</sup> – 27<sup>th</sup> Sept. 2019.
- Jimoh, A., Tanko, Y., Tiamiyu, H. A., Zamani B., Alhassan, A. B., Aneefu, Gidado, N.M., Sada, N.M., **Abdulrazak, A.**, Ahmed, A., Mohammed, K. A., and Ayo, J.O. (2017), Effect of Sleep Variations during and After Examinations on White blood cell Indices and Platelets Counts Among Undergraduate Students of Faculty of Medicine, Ahmadu Bello University Zaria. National Association of Pharmacists in Academia 5<sup>th</sup> Scientific conference and workshop, 18 -21<sup>st</sup> 2017, Faculty of Pharmaceutical Sciences, Ahmadu Bello University Zaria.
- **Abdulrazak, A.**, Tanko, Y., Mohammed, A., and Dikko, A. A. U (2021), Antioxidant Effects Of Fermented Ginger Rhizome In High Diet Fat Diet Induced Type 2 Diabetes In Rabbits” Physiological Society of Nigeria 39<sup>th</sup> National Scientific Conference and annual General Meeting, Bayero University Kano 26 -30<sup>th</sup> October 2021

iii). IN OFFICIAL CONFERENCE PROCEEDINGS

- a) **Abdulrazak, A.**, Tanko, Y., and Mohammed, A., (2014), Liver Enzymes and Histopathology Assessments of Alloxan-induced Diabetic Wistar Rats Treated with

- Aqueous-ethanolic crude Extract of alysicarpusOvalifolius Plant; Physiological Society of Nigeria XXXIIIIRD Annual Scientific Conference, Physiology-the Laboratory, the Hospital and the Society, International Conference Center, University of Ibadan, Ibadan Nigeria.
- b) **Abdulrazak, A.**, Tanko, Y., Mohammed, A., And Dikko, A.A.U. (2016), Effects Of Clove And Fermented Ginger Supplements On Total Body Weight And Serum Electrolytes Levels In High Fat Diet-Induced Insulin Resistant Rabbits; Postgraduate Students Conference, School of Postgraduate Studies, Ahmadu Bello University, Zaria- Nigeria, , 23-24th November, 2016.
- c) Fatima L. ciroma, MA Kan, F Adiri, MS Yusuf, OM Avidime, **A. Abdulrazak**, M. N Sada (2015), The Ethical Challenges of Conducting a Population-based Screening for Non- communicable Diseases in a Setting with Limited Universal Health Coverage; United Nations Educational, Scientific and Cultural Organization (UNESCO) Chair in Bioethics 10th World Conference, Bioethics, Medical Ethics and Health Law, Crowne Plaza Hotel Jerusalem, Israel, Jan. 2015.
- d) Jimoh, A., Tanko, Y., Mohammed, K. A., **Abudulrazak, A.**, Sada, N.M., Dikko, A. A.U., Ayo, J.O. (2015), Protective Effect of Selenium Yeast on Cholesterol Diet Induced Type 2 Diabetes Mellitus and Oxidative Stress in Wistar Rats. Physiological Society of Nigeria, XXXVTH Annual Scientific Conference, The Role of Physiologist in Health Care Delivery, CEMAC Center, University of Nigeria Enugu Campus, Enugu Nigeria. 16th-18th September, 2015.
- e) Kana M.A, F. Ciroma F.L., Yusuf M.S, Avidime O. M., **Abdulrazak A.** and Sada M.N (2015). How overweight and obese are staff and students of a Nigerian University? A contemporary Glimpse of the Burden of Overweight and Adult Obesity, Annual General Meeting / Scientific Conference of the Association of Public Health Physicians of Nigeria, Held at Makurdi, Benue State, Nigeria. Book of Abstract. Doi:10.13140/RG.2.1.3406.0329
- f) **Abdulrazak, A.**, Tanko Y. and Mohammed, A. (2016). Modulatory role of Aqueous-Ethanolic Crude Extract of AlysicarpusOvalifolius on blood glucose levels of Alloxan-Induced Diabetic Wistar Rats, Journal of African Association of Physiological Sciences. 4 (2): 113. <https://images.app.goo.gl/sLVRL3WgfRXqL2a7A>



### 32) PAPERS AT CONFERENCES AND SEMINARS

- a) Jimoh, A., Tanko, Y., Mohammed, K. A., **Abdulrazak, A.**, Sada, N.M., Dikko, A. A.U., Ayo, J.O. (2015), Protective Effect of Selenium Yeast on Cholesterol Diet Induced Type 2 Diabetes Mellitus and Oxidative Stress in Wistar Rats. Physiological Society of Nigeria, XXXVTH Annual Scientific Conference, The Role of Physiologist in Health Care Delivery, CEMAC Center, University of Nigeria Enugu Campus, Enugu Nigeria. 16th-18th September, 2015.
- b) **Abdulrazak, A.**, Tanko, Y., Mohammed, A., And Dikko, A.A.U. (2016), Effects Of Clove And Fermented Ginger Supplements On Total Body Weight And Serum Electrolytes Levels In High Fat Diet-Induced Insulin Resistance Rabbits, School Of Postgraduate Studies, Ahmadu Bello University, Zaria-Nigeria, Postgraduate Students Conference, 23-24th November, 2016.
- c) Fatima L. ciroma, MA Kan, F Adiri, MS Yusuf, OM Avidime, **A. Abdulrazak**, MN Sada (2015), The Ethical Challenges of Conducting a Population-based Screening for Non-communicable Diseases in a Setting with Limited Universal Health Coverage; United Nations Educational, Scientific and Cultural Organization (UNESCO) Chair in Bioethics 10th World Conference, Bioethics, Medical Ethics and Health Law, Crowne Plaza Hotel Jerusalem, Israel, Jan. 2015.
- d) Kana M.A, F. Ciroma F.L., Yusuf M.S, Avidime O. M., **Abdulrazak A.** and Sada M.N (2015). How overweight and obese are staff and students of a Nigerian University? A contemporary Glimpse of the Burden of Overweight and Adult Obesity, Annual General Meeting / Scientific Conference of the Association of Public Health Physicians of Nigeria, Held at Makurdi, Benue State, Nigeria. Book of Abstract. Doi:10.13140/RG.2.1.3406.0329
- e) **Abdulrazak, A.**, Tanko Y., Mohammed, A., Sada N.M., Dikko A.A.U. and Mohammed K. A.(2018). Modulatory role of clove and fermented ginger supplements on oxidative stress and lipid peroxidation biomarkers in high fat diet induced type 2 Diabetes in Rabbits, Europhysiology 2018, 14 – 16<sup>th</sup> September 2018 Held at The QEII Center, London UK

- f) **Abdulrazak, A.** Tanko, Y., Mohammed, A., Sada M. N., Mohammed, K. A. and Dikko, A.A.U (2019), Assessment of Liver enzymes Level in type 2 Diabetic Rabbits Treated with Combined Supplementation of *Syzygium aromaticum* and fermented *Zingiber officinale* Supplements, Physiological Society of Nigeria 38<sup>th</sup> National Scientific Conference and annual General Meeting, 22<sup>nd</sup> – 27<sup>th</sup> Sept. 2019.
- g) Jimoh, A., Tanko, Y., Tiamiyu, H. A., Zamani B., Alhassan, A. B., Aneefu, Gidado, N.M., Sada, N.M., **Abdulrazak, A.**, Ahmaed, A., Mohammed, K. A., and Ayo, J.O. (2017), Effect of Sleep Variations during and After Examinations on White blood cell Indices and Platelets Counts Among Undergraduate Students of Faculty of Medicine, Ahmadu Bello University Zaria. National Association of Pharmacists in Academia 5<sup>th</sup> Scientific conference and workshop, 18 -21<sup>st</sup> 2017, Faculty of Pharmaceutical Sciences, Ahmadu Bello University Zaria.
- h) **Abdulrazak, A.**, Tanko, Y., Mohammed, A., and Dikko, A. A. U (2021), Antioxidant Effects Of Fermented Ginger Rhizome In High Diet Fat Diet Induced Type 2 Diabetes In Rabbits” Physiological Society of Nigeria 39<sup>th</sup> National Scientific Conference and annual General Meeting, Bayero University Kano 26 -30<sup>th</sup> October 2021

**33) Books/monographs/guides/manuals/novels/indexes etc.**

- Ciroma F.L., Yusuf M.S, Avidime O. M., Abdulrazak A. and Sada M.N (2021). Practical Physiology Laboratory Manual and work book for MBBS 200 and 300 level. Students; First edition. Department of Human Physiology, Faculty of Basic Medical Sciences College of Medicine Kaduna state University.
- Ciroma F.L., Yusuf M.S, Avidime O. M., Abdulrazak A. and Sada M.N (2021). Practical Physiology Laboratory Manual and work book for BPharm. Students and Faculty of Allied Health Science 200level Students, First edition. Department of Human Physiology, Faculty of Basic Medical Sciences College of Medicine Kaduna state University.

34) Publications in newspapers/magazines: Nil

35) Art Exhibition: Nil

**36) Patents/innovation/inventions/ Awards:**

### **i. Grants won / Study fellowship**

- Kaduna state University Award of Local traveling grant 2023, financial support to attend and present a paper at the 39<sup>th</sup> NSBMB Scientific Conference and Annual general meeting, Maiduguri 2023.
- Kaduna state University Award of Local traveling grant 2014, financial support to attend Physiological Society of Nigeria 34th annual Scientific Conference Sheraton Hotel Lagos, Oct. 2014.
- Study fellowship/leave 2015/2016, by Kaduna state University Award of Study fellowship/leave 2015/2016 to 2016/2017 for PhD Study
- Physiological society London traveling grant 2018, support to attend Europhysiology 2018 at QEII center, London, UK from 14-16 September 2018.
- Physiological society London traveling grant 2019, support to attend Training Workshop on intro to Molecular Biology Techniques, Transfection and Functional Studies; University College London, United Kingdom,
- African Association of Physiological Sciences accommodation grant; Support to attend AAPS Conference at Kigali - Ruwanda 2018

### **37) EXTRA - CURRICULAR ACTIVITIES**

- Fishing and playing tennis
- Summer Activities : wood work and Farming

### **38) Journal Publications / Articles**

#### **I). In Peer Reviewed Journals and Books**

- I. **Abdulrazak, A.** Tanko, Y., Kabiru A. and Sada M. N. (2019), Effects of Fenugreek supplement on liver Enzymes Level in P-407 Induced Hyperlipidemia in Wistar rats, Sokoto Journal of Madical laboratory science 2019; 4(4): 84-90.
- II. **Abdulrazak, A.** Tanko, Y., Mohammed, A., Sada M. N. and Dikko, A.A.U (2018), Assessment of Liver enzymes Level in type 2 Diabetic Animal Model (rabbits) Treated

with Combined Supplementation of *syzygium aromaticum* and fermented *zingiber officinale* supplements, *KASU Journal of Biochemistry and Biotechnology*, 2:(2): 26-31.

- III. **Abdulrazak, A.**, Tanko Y., Mohammed A., Mohammed K. A., Sada N.M., Dikko A.A.U. (2018). Effects of Clove and Fermented Ginger on Blood Glucose, Leptin, Insulin and Insulin Receptor Levels in High Fat Diet- Induced Type 2 Diabetic Rabbits; *Nigerian Journal of Physiological Science*, 089 - 093.
- IV. **Abdulrazak, A.**, Tanko Y., Kabiru, A. and Mohammed K. A., (2020). Assessment of Electrolyte Distribution in P-407 Induced- Hyperlipidaemicwistar Rats Treated with Fenugreek Seed Supplements, *Sokoto Journal of Madical laboratory science*, 2020; 5(1): 77 – 84.
- V. **Abdulrazak, A.**, Tanko Y., Yusuf, J., Mohammed K. A. and Sada N.M. (2019). Effect of *Trigonellafoenum-graceum* (fenugreek) seed and *Zingiberofficinale* (ginger) Rhizome Supplements on plasma proteins and liver Enzymes in P-407 Induced Hyperlipidemia in Wistar Rats, *KASU Journal of Biochemistry and Biotechnology*, 3(2): 26-31.
- VI. **Abdulrazak, A.**, Tanko Y., Mohammed, K. A. and Mohammed, A. (2015). Liver Enzymes and Histopathology Assessments of Alloxan-Induced Diabetic Wistar Rats Treated with Aqueous-Ethanollic Crude Extract of *AlysicapusOvalifolius*, *Nigerian Journal of pharmaceutical Science* 14(2): 62 – 70.
- VII. **Abdulrazak, A.**, Tanko Y., Mohammed, A., Sada N.M., and Dikko, A.AU (2020). Evaluation of Liver Enzymes in High fat Diet Induced Type 2 Diabetic Rabbits Treated with *Syzygiumaromaticum* (clove), *Nigerian Journal of pharmaceutical Sciences* 19(1).
- VIII. Sada, N. M., Yusuf, T., Aliyu, M. Umar, D.A. A. and **Abubakar, A.** (2017). Effects of Fermented Soya Bean Supplements on Serum Insulin and Leptin levels of High Fat Diet-induced Type 2 Diabetes Mellitus in Rabbits, *Journal of African Association of Physiological Sciences*. 5 (2): 106-110

- IX. Sada, N. M., Tanko, Y., Dikko, A. A. U., **Abdulrazak, A.** and Mohammed, A. (2018). Effects of Fermented Soya Bean Supplements on lipid profile and oxidative stress biomarkers in High Fat Diet-induced Type 2 Diabetes Mellitus in Rabbits, Journal of African Association of Physiological Sciences. 6 (1): 73-78.
- X. Mohammed, K.A., **Abdulrazak, A.**, Sada, N.M., Goji, A.D.T. and Avidime, O.M. (2018) Effect of Fermented Ginger Supplement on Liver Enzymes and total Protein of poloximer 407-induced Hyperlipideamia in wistar Rats, Nigerian Journal of Scientific Research, 7(2): 261- 265.
- XI. Sada, N. M., Tanko, Y., **Abdulrazak, A.**, Balarabe , F., Dikko, A.A.U. and Mohammed, A. (2016), Physiological Role of Betatrophin: A Review, Nigerian Journal of Scientific Research, 15(1): 44 -49.
- XII. Tanko, Y., Kabiru, A., **Abdulrazak, A.**, Mohammed, K.A., Salisu, A.I., Jimoh, A., Gidado N.M., and Sada. N.M (2017). Effects of Fermented Ginger Rhizome (*Zingiberofficinale*) and Fenu Greek (*Trigonellafoenum-graceum*) Supplements on Oxidative stress and Lipid Peroxidation Biomakers in Poloxamer-407 Induced-Hyperlipidemic Wistar Rats. Nigerian Journal of Physiological Science, 32(2017); 137 - 143.
- XIII. Tanko, Y., Salisu, A.I., Mohammed, K.A., **Abdulrazak, A.** Yusuf, R., Yerima, M. (2018). Effect of Methanolic Extract of Cordi Africana on Blood Glucose, Lipid Peroxidation and Oxidative Stress Biomakers in Alloxan – Induced Diabetic Wistar Rats. Bayero Journal of Biomedical Sciences, 3(1): 316-324.
- XIV. Bako, I.G., mabrouk, M.A. and **Abubakar, A.** (2009), Antioxidant Effect of Ethanolic Seed Extract of Habiscussabdariffalinn alleviate the Toxicity Induced by Chronic administration of Sodium Nitrate on Some Hematological Parameters in Wistar Rats, Advance Journal of Food Science and technology, 1(1): 39 -42.

- XV. Tanko, Y., Mohammed, A., Emokpe, L.V., Mohammed, K.A., Jimoh, A., Sada N.M., **Abdulrazak, A.**, Yarima.,M. and Mohammed (2013). Effects of Fermented Effects of Ethyl acetate and n-butanol Fractions of Acacia nilotica methanol Leaves Extract on Lipid Profile and Liver Enzyme of Alloxan Induced Diabetic WistarRatas,Journal of Applied Pharmaceutical Science. 3(12), 103-108.
- XVI. **Abdulrazak, A.**, John, Z.O.3, Balarabe, F.2, Gidado, N.M.2 And Mohammed, A. (2018). Comparative Study Of Red Blood Cells Indices Between Sickle Cell Anaemic Patients And Non-Sickle Cell Anaemic , Subjects , Nigerian Journal of Scientific Research, 17 (3): 356-359
- XVII. Tanko,Y., Jimoh, A., Nasiru A.O., Abdullahi, A., Mohammed, K.A., **Abdulrazak, A.** and Mohammed, A (2016). Effect of Taurine on Blood Glucose Level and Liver Enzymes of Alloxan induced Diabetic Wister Rats. Nigerian Journal of Pharmaceutical Sciences. 15 (1): 14-20
- XVIII. N. M. Sada, Y. Tanko,, A.A.U. Dikko, A. **Abdulrazak, A.**, Mohammed, A (2018). Effects of Fermented Soya Bean Supplements on Lipid Profile and Oxidative Stress Biomarkers in High Fat Diet-induced Type 2 Diabetes Mellitus in Rabbits. Journal of African Association of Physiological Sciences.6(1):73-78 Official Publication of the African Association of Physiological Sciences <http://www.jaaps.aapsnet.org>
- XIX. N.M. Sada, T. Yusuf, M, Aliyu, D.A.A. Umar, **A. Abubakar (2017)**. Effects of fermented soya bean supplements on Serum insulin and Leptin Levels of High Fat Rat Diet-Induced Type 2 Diabetes Mellitus in Rabbits. Journal of African Association of Physiological Sciences.5 (2): 106-110 Official Publication of the African Association of Physiological Sciences <http://www.jaaps.aapsnet.org>

- XX. Tanko Y, Salisu A.I., Mohammed K.A. **Abdulrazak, A**, and Yusuf. R.(2017). Effects of Methanol Leaf Extract of Cordia Africana on Lipid Profile and Liver Enzymes in Alloxan induced Hyperglycaemic Wistar Rats. *Journal of Pharmacology and Tropical Therapeutics*. 7 (1):38-49.
- XXI. Tanko Y, Salisu AI, Moammed K.A, **Abdulrazak A**, Yusuf R, and Yerima M (2018). Effects of Methanol Leaf Extract of Cordia Africana on Blood Glucose, Lipid Peroxidation and Oxidative Stress Biomarkers in Alloxan-induced diabetic Wistar Rats *Bayero Journal of Biomedical Sciences*. 3 (1): 316-324.
- XXII. Tanko, Y., Gidado, N.M., **Abdulrazak, A.**, and Mohammed K.A, (2017). The Effects of Fermented Cyperus Esculentus supplement on Erythrocytes and Leucocytes Indices in Streptozotocin-induced Diabetic Wistar Rats. *Sokoto Journal of Medical Laboratory Science*. 2(1): 215 – 222.
- XXIII. **Abdulrazak, A.**, Tanko, Y., Mohammed, K.A., and Mohammed, A (2015). Liver Enzymes and Histopathology Assessments of Alloxan-induced diabetic Wistar Rats treated with Aqueous-Ethanollic Crude Extract of Alysicarpus Ovalifolius. *Nigerian Journal of Pharmaceutical Sciences*, 14 (2):62-70.
- XXIV. Tanko, Y., Alex, E. A., Jimoh, A., Malgwi, I. S., **Abdulrazak, A.**, Sada, M. N. and Balarabe, F. (2020). Ameliorative effects of Lauric (dodecanoic) acid on adipokines and insulin levels in experimental diabetes produced by streptozotocin Intensified with high-fat diet. *Journal of Pharmaceutical and Allied Sciences*, 17(4), 3358-3366
- XXV. Oweh, O.T., Goji, A.D.T., Ciroma F.L., Avidime, O.M., Sada, M.N., Ja'afar, F.Y. and **Abdulrazak, A.** (2024). Assessment of hematological parameters of high-fructose-high-fat diet and streptozotocin-induced metabolic syndrome rats treated with aqueous extract of adansonia digitata fruit pulp. *ABUTH International journal of physiotherapy & Health Sciences*, Vol. 24 (2); 64-70

### 39) IN REVIEWED BOOKS

- Mohammed, K.A., Goji, A.D.T., Danboyi, T., Ja'afar, F and **Abdulrazak, A** (2021). Introduction to Human Physiology and Cell Physiology, Chapter 7; Textbook of Basic Medical Sciences: first edition volume one, ISBN:978-978-984-230 s-8 pp407-435, published by: Kaduna State University Printing and Publishing Limited Kaduna-Nigeria
- **Abdulrazak, A**, Danboyi, T, Yusuf, MS, Mohammed, KA, Goji, ADT. (2022). Renal physiology (2020), Chapter 22; Textbook of Basic Medical Sciences: first edition volume two, ISBN:978-978-984-231-5, pp296-341, published by: Kaduna State University Printing and Publishing Limited Kaduna-Nigeria
- Danboyi, T., Mohammed, KA, **Abdulrazak, A.**, Goji, ADT (2021), Respiratory Physiology (2020), Chapter 21; Textbook of Basic Medical Sciences: first edition volume two, ISBN:978-978-984-231-5, pp254-294, published by: Kaduna State University Printing and Publishing Limited Kaduna-Nigeria.
- Sada, N.M., Ciroma, F.L., **Abdulrazak, A.**, Jaafar, FY, GOji, ADT, Mohammed, KA, Endocrine Physiology (2020), Chapter 35; Textbook of Basic Medical Sciences: first edition volume three,ISBN:978-978-984-232-2, pp345-387, published by: Kaduna State University Printing and Publishing Limited Kaduna-Nigeria
- Goji, ADT, Sada, N.M., Mohammed, KA, **Abdulrazak, A.**, Yusuf, MS (2020). Neurophysiology (2020), Chapter 46; Textbook of Basic Medical Sciences: first edition Volume four, isbn:978-978-984-233-9, pp250-352, published by: Kaduna State University Printing and Publishing Limited Kaduna-Nigeria
- **Abdulrazak, A.**, Yusuf, MS., Tanko, Y and Ja'afar, FY (2022). Physiology of the Special Senses (2020), Chapter 46; Textbook of Basic Medical Sciences: first



edition Volume Four, ISBN:978-978-984-233-9, pp353-390, published by:  
Kaduna State University Printing and Publishing Limited Kaduna-Nigeria

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