

HUDU, Abdullahi Shuaibu

قسم العلوم الطبية والسريرية الأساسية، كلية طب الأسنان، جامعة الزرقاء
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الجنس: ذكر
الجنسية: نيجيري
بلد الإقامة: الأردن

تعليم

منطقة	تاريخ الحصول عليها	مؤسسة	مؤهل
علم الأحياء الدقيقة الطبية	يوليو 2017 13	جامعة بوترا، ماليزيا	دكتوراه
علم الأحياء الدقيقة الطبية	أبريل 2014 3	جامعة بوترا، ماليزيا	درجة الماجستير
الطب والجراحة	فبراير 2006 10	جامعة عثمانو دانفوديو، سوكونو، نيجيريا	العارضة

LANGUAGES

<i>Language</i>	<i>Spoken</i>	<i>Written</i>
English	Excellence	Excellence
Hausa	Excellence	Excellence

COMPUTER LITERACY

- Have a Professional Diploma Course in Computer
- Have International Computer Driving License (ICDL) Profile Certificate: Computer essential and Document
- Excellent knowledge of Microsoft Office (MS Excel, MS Word, MS PowerPoint)
- Competent in using email platforms and other communication tools
- Competent in analytics software such as SPSS, Curve Expert etc.
- Competent in using Bioinformatics Software such as Molecular Evolutionary Genetics Analysis (MEGA) software, BioEdit Sequence Alignment Editor; CLC Genomic Workbench, Geneious - Molecular Biology, and NGS Analysis Tools.
- Referencing software such as Endnote, Mendeley

TRAINING ATTENDED

<i>Title</i>	<i>Organizers</i>	<i>Date</i>
4 th Research Methodology and Basic Medical Statistics Course	Community Health Society Malaysia/ Community Health Department, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia.	8th to 11th April 2013
Workshop on Recombinant Molecular Biology Techniques	Animal Genetics and Genome Evolutionary Lab. Institute of Biological Sciences, Faculty of Science, University of Malaya.	29th to 30th October 2012
Medical Exchange and Training Program in Interventional Gastroenterology/ Endocrinology, Urology, Radiology, Orthopedics and Plastic Surgery	Klinikum Ludenscheid Medical Centre, Federal Republic of Germany.	June – July 2010
Emergency Obstetric and National Care Training	WHO Federal Ministry of Health and NYSC in Kano State, Nigeria.	2007 – 2008
Prevention of mother-to-child transmission of HIV	Harvard PEPFAR Project Jos University Teaching Hospital	July 2008. June 26th – 30th, 2006

CERTIFIED SHORT COURSES

<i>Organizers</i>	<i>Certificate</i>	<i>Date of Completion</i>
Leola Computer Institute No. 18 Gero Road, Bukuru, Jos South, Plateau State, Nigeria	Professional Diploma Course in Computer	23 October 2010
ICDL Africa: Sponsored by Tertiary Education Trust Fund (TETFUND)	International Computer Driving Licence (ICDL) Profile Certificate: Computer Essential and Document	29 th January 2021,
Centre for Bioethics and Research (CBR), Nigeria and the Biomedical	Responsible Conduct of Research (RCR)	8 th September 2021

Research Alliance of New York (BRANY)'s Collaborative Institutional Training Initiative (CITI)

Centre for Bioethics and Research (CBR), Nigeria and the Biomedical Research Alliance of New York (BRANY)'s Collaborative Institutional Training Initiative (CITI)

As A Biomedical Investigator

8th September 2021

Centre for Bioethics and Research (CBR), Nigeria and the Biomedical Research Alliance of New York (BRANY)'s Collaborative Institutional Training Initiative (CITI)

As An Institutional/Signatory Official: Human Subject Research

11th September 2021

Centre for Bioethics and Research (CBR), Nigeria and the Biomedical Research Alliance of New York (BRANY)'s Collaborative Institutional Training Initiative (CITI)

Human Research

1st August 2021

Centre for Bioethics and Research (CBR), Nigeria and the Biomedical Research Alliance of New York (BRANY)'s Collaborative Institutional Training Initiative (CITI)

Responsible Conduct of Research

30th July 2021

Centre for Bioethics and Research (CBR), Nigeria and the Biomedical Research Alliance of New York (BRANY)'s Collaborative Institutional Training Initiative (CITI)

Nigerian National Code for Health Research Ethics

28th July 2021

Centre for Bioethics and Research (CBR), Nigeria and the Biomedical Research Alliance of New York (BRANY)'s

Good Clinical Practice (GCP)

15th June 2021

WORKSHOPS AND SEMINARS ATTENDED

<i>Title</i>	<i>Organizers</i>	<i>Date</i>
Workshop on Exploiting Physical Properties of Nanomaterials for Tackling Infectious Diseases	Royal Society of Chemistry/ HANOI, VIETNAM	7 & 8 NOVEMBER 2014
World Indigenous Peoples' Conference on Viral hepatitis	Alice Springs Convention Centre, Australia	14 – 16 September 2014
Viral Hepatitis Congress 2013	Frankfurt Messe Congress Centre, Frankfurt, Germany	26–28 September 2013
7th International Infectious Diseases Seminar and Workshop (NIDSAW)	Faculty of Medicine and Health Sciences, Universiti Putra Malaysia	6 th to 8 th Nov. 2012
Workshop on Recombinant Molecular Biology Techniques	Animal Genetics and Genome Evolutionary Lab. Institute of Biological Sciences, Faculty of Science, University of Malaya	29 th to 30 th October 2012
Workshop on Writing Articles for international Submission: Basic Strategy and Steps	Institute of Biosciences, Universiti Putra Malaysia	11 th May 2012
Managing the Research Journey Seminar	UPM and Student's Learning Centre, University of Otago, New Zealand/ Faculty of Medicine and Health Sciences, Universiti Putra Malaysia	17 th to 18 th March 2012
Infectious Diseases Seminar	Faculty of Medicine and Health Sciences, Universiti Putra Malaysia	15 th November 2011
Disaster Management, Workshop	West African College of Surgeons, at Usmanu Danfodiyo University Teaching Hospital, Sokoto.	8 th – 29 th May 2009

FUNCTIONAL SKILLS

- Document & Word Processing Software such as Microsoft Word, Microsoft Excel, and PowerPoint.
- Strong administrative experience
- Competent in infectious disease prevention, diagnosis and treatment
- Ability to work cooperatively with people with diverse cultural backgrounds.
- Excellent report writing and presentation skills
- Monitoring and evaluating project performance
- Evidence and best practices that are related to project management
- Excellent usage of smart board for teaching and learning
- Excellent interpersonal and communication skills
- IBM SPSS Statistics software
- Bioinformatics tools such as Molecular Evolutionary Genetics Analysis (MEGA) software, BioEdit Sequence Alignment Editor; CLC Genomic Workbench, Geneious - Molecular Biology, and NGS Analysis Tools.
- Excellent research and manuscript writing skills
- Curriculum design and implementation in medical education

TEACHING SKILLS

- Proficiency in the core concepts, theories, and principles of medical microbiology and immunology.
- Stay updated with the latest advancements and research in the field to provide students with current and relevant information.
- Articulate complex scientific concepts in lectures, discussions, and presentations.
- Use a variety of teaching methods (lectures, interactive sessions, case studies, multimedia) to accommodate different learning styles and engage students effectively.
- Design and develop course curricula that align with program objectives, accreditation standards, and industry trends.
- Incorporate innovative teaching strategies, technologies, and educational resources to enhance student learning outcomes.
- Design and implement fair and rigorous assessment methods (exams, quizzes, projects, presentations) to evaluate students' understanding and mastery of course material.
- Provide timely and constructive feedback to students to guide their learning process and facilitate improvement.
- Provide academic and career guidance to undergraduate and graduate students pursuing degrees or careers in medical microbiology and immunology.
- Mentor students in research projects, internships, and extracurricular activities to foster their professional development and research skills.

- Encourage active participation and critical thinking through class discussions, group activities, and problem-solving exercises.
- Create a supportive and inclusive learning environment that encourages collaboration, creativity, and intellectual curiosity.
- Reflect on teaching practices and student feedback to evaluate the effectiveness of instructional methods and make necessary adjustments.
- Engage in peer evaluation, teaching observations, and self-assessment to assess teaching performance and identify areas for improvement.
- Integrate research findings, case studies, and real-world applications into teaching materials to demonstrate the relevance and practical implications of medical microbiology and immunology concepts.
- Involve students in research projects and experiential learning opportunities to bridge the gap between theory and practice.

RESEARCH SKILLS

- Conduct comprehensive literature reviews to identify gaps, trends, and emerging topics in the field of medical microbiology and immunology.
- Analyze and critically evaluate existing research studies, methodologies, and findings to inform the development of new research projects.
- Develop clear and testable research hypotheses based on the gaps identified in the literature and existing knowledge in the field.
- Design robust experimental methodologies, including sample selection, data collection techniques, and statistical analysis plans, to address research questions effectively.
- Possess expertise in a wide range of laboratory techniques and methodologies relevant to medical microbiology and immunology, including microbiological culture, molecular biology techniques (PCR, DNA sequencing), immunological assays (ELISA, flow cytometry), and bioinformatics analysis.
- Stay updated with advances in laboratory technologies and methodologies to incorporate innovative approaches into research projects.
- Collect experimental data systematically and rigorously adhere to quality control measures to ensure the reliability and reproducibility of results.
- Utilize advanced statistical analysis techniques to analyze complex datasets and draw meaningful conclusions from experimental findings.
- Collaborate with researchers from diverse disciplines such as biochemistry, genetics, epidemiology, and clinical medicine to address complex research questions at the intersection of medical microbiology and immunology.
- Foster interdisciplinary teamwork by effectively communicating research objectives, sharing expertise, and integrating diverse perspectives into research projects.
- Write competitive research grant proposals to secure funding from government agencies, private foundations, and industry sponsors to support research activities.
- Demonstrate a track record of successful grant acquisition and effectively manage research budgets to maximize the impact of funding resources.
- Publish research findings in high-impact peer-reviewed journals to disseminate knowledge and contribute to the advancement of the field.

- Present research findings at national and international conferences, seminars, and symposiums to share insights, receive feedback, and establish collaborations with other researchers.
- Adhere to ethical guidelines and regulations governing research involving human subjects, animal models, and biohazardous materials to ensure the responsible conduct of research.
- Maintain integrity and transparency in research practices, including accurate reporting of methods, results, and conflicts of interest.
- Mentor graduate students, postdoctoral researchers, and junior faculty members to develop their research skills, critical thinking abilities, and professional competencies.
- Provide guidance and support to mentees in designing experiments, analyzing data, writing manuscripts, and navigating the academic publishing process.
- Pursue continuous learning opportunities through participation in workshops, seminars, and online courses to stay updated with the latest advancements in medical microbiology, immunology, and research methodologies.
- Engage in peer mentoring and collaborative learning with colleagues to exchange knowledge, share best practices, and foster a culture of academic excellence.

WORK EXPERIENCE

Associate Professor
Department of Basic Medical and Clinical Sciences,
Faculty of Dentistry,
Zarqa University, Jordan

18th September 2022 to Present

- Design and develop the curriculum for the Medical Microbiology and Immunology course tailored to the needs of dental students.
- Integrate microbiological concepts relevant to dentistry into the curriculum, including oral microbiology, infection control, and antimicrobial therapy.
- Taught undergraduate and graduate courses in Medical Microbiology and Immunology, providing students with a comprehensive understanding of microbial pathogens, host-pathogen interactions, and immunological principles relevant to dentistry.
- Developed innovative teaching methods, including case-based learning, laboratory sessions, and interactive lectures, to enhance student engagement and comprehension.
- Collaborated with faculty members from other departments within the Faculty of Dentistry, as well as with researchers from related disciplines such as oral biology, dental medicine, and public health.
- Fostered interdisciplinary research partnerships to address complex oral health challenges and advance knowledge in the intersection of microbiology, immunology, and dentistry.

- Continued professional development through active participation in scientific conferences, workshops, and professional associations relevant to dental microbiology and immunology.
- Stayed abreast of emerging trends, technologies, and research methodologies in the field to enhance teaching effectiveness and research productivity.
- Contributed to the governance and strategic planning of the Faculty of Dentistry as a pioneer faculty member, providing input on academic policies, faculty recruitment, and infrastructure development.
- Served on committees responsible for curriculum review, student admissions, and faculty promotion and tenure evaluations.
- Promoted awareness of the importance of microbiology and immunology in dentistry through public lectures, scientific publications, and collaborations with dental professional associations.
- Advocated for the integration of microbial surveillance, infection control measures, and immunization strategies into dental practice guidelines and clinical protocols.

**Senior Lecturer
College of Health Sciences,
Usmanu Danfodiyo University,
Sokoto, Nigeria**

1st January 2018 to 31st August 2022

- Design and deliver lectures, tutorials, and practical sessions in Medical Microbiology and Immunology for medical students, dentistry students, nursing students, and students of allied health sciences
- Develop curriculum content, course materials, and assessments by program objectives and accreditation standards
- Provide guidance and support to students through office hours, mentoring, and academic advising
- Foster an interactive and engaging learning environment conducive to student success
- Contribute to postgraduate and undergraduate teaching programs and participate in research and research supervision.
- Initiate collaborative innovative projects with other relevant groups within and outside my university and also participate in, and present the results of, innovation and research at major national and international academic meetings and to disseminate such results by publication in the peer-reviewed literature, including digital media and reputable academic book publishers.
- Conduct research in areas of Medical Microbiology and Immunology, with a focus on relevant clinical applications and implications
- Secure external funding through grants and collaborations to support research endeavors

- Publish research findings in peer-reviewed journals and present at national and international conferences
- Supervise graduate students, postdoctoral fellows, and research assistants in research projects related to Medical Microbiology and Immunology
- Collaborate with other faculty members and healthcare professionals to promote interdisciplinary education and research initiatives

Lecturer/Researcher
College of Health Sciences
Usmanu Danfodiyo University,
Sokoto, Nigeria

1st January 2011 to 31st December 2017

- Provide a supportive learning environment for Medical and Laboratory students and develop undergraduate and postgraduate-level subject-specific skills.
- Deliver teaching in applied microbiology, public health microbiology and related areas in collaboration with the Teaching Group Leader and module/course leaders.
- Contribute to the teaching and assessment of medical microbiology and public health microbiology skills in an academic, laboratory and simulated learning environment.
- Contribute to the development of teaching and assessment in medical microbiology and develop high-quality research.
- Assist in the planning of laboratory practical exercises and effective utilization of resources.
- Participate in developing and maintaining a program of innovation and research that aligns with and supports the University strategy in Teaching and Learning and the School and University Research and Innovation Strategy.

Medical Officer, Specialist Hospital, Sokoto

June 2006 to May 2007

- Provide a continuous on-site medical support service to meet the needs of patients.
- Providing a general service to all clinical areas.
- Attend ward rounds with consulting staff, as required, and be available to discuss patient treatment plans.
- Provide a 24-hour medical service within the hospital on an on-call basis permanently.
- Provide programmatic and technical support for planning and implementation of ongoing and new SRH research and program activities including family planning (FP), maternal and newborn health (MNH), prevention of STIs, including HIV and integration of RH with other health activities
- Provide technical assistance and strengthen the capacity of health institutions for the delivery of a range of quality sexual and reproductive health (SRH) services
- Fosters a strong working relationship with the other health facility in the local government to advance new RH initiatives.
- Assist with the development of concepts to mobilize resources particularly to address RH needs and priorities

- Assist in managing the technical aspect of Reproductive health/family planning (RH/FP) and HIV integration.
- Visit all in-patients daily and document in clinical notes.
- Reviews and follow up patients under treatment to ensure the completion of treatment and monitor the progress of the patients
- Monitoring and Evaluation of present policies of the system as well as prompt implementation of emerging programs
- Provide guidance and supervision to the staff under me and assist specialists in carrying out certain procedures as required as well as attend emergency calls

General Hospital Gaya Kano State

July 2007 to June 2008

Corp Member

- Performing preliminary investigations of medical problems; initiating medical treatments, reviewing, and following up on the cases.
- Examines patients and investigates the diseases through clinical examination and other diagnostic tests.
- Provide basic treatment for medical problems using a standard treatment protocol.
- Monitoring and evaluation of the patient for risk of opportunistic infection as well as side effects of medications, while providing appropriate treatment options.
- Led community engagement, implementation, and monitoring of community-based PHC activities: EPI, Maternal, New-born and Child Health programs (ANC, B EmONC, CEmONC, clinical care for survivors of sexual assault CCSAS) and Prevention of mother-to-child transmission of HIV/AIDS (PMTCT)
- Provide day-to-day operational and pragmatic support to implement high-quality care and support activities including maternal and child health and integrated medical services at the facility level.
- Oversees all aspects of reproductive health/ family planning (RH/FP) programs/projects.
- Remained informed on the current programs in the field of clinical management of RH and related developments.
- Manages all the activities related to reproductive health while ensuring the quality of service and correct application of treatment protocol.
- Supervise the use of medicines and cold chain management in the hospital.
- Trains nurses and other allied health workers
- Review and follow up with patients under treatment to ensure the completion of treatment and monitor the progress of the patients.
- provide guidance and supervision to the staff under me and assist specialists in conducting certain procedures as required as well as attend emergency calls.
- Coordinated and oversaw the implementation of immunization services through supplementary immunization days (SID), Outbreak Response (OBR), Routine immunization (RI) and National immunization plus days (NIPD).

ADMINISTRATIVE EXPERIENCE

<i>Type of responsibility</i>	<i>Date appointed</i>	<i>Date of Completion of Tenure</i>
Faculty representative to the Board of Law Faculty, UDUSOK	21 st February 2018	21 st February 2020
Associate Editor of the Nigerian Medical Journal (NMJ). Publication of Nigerian Medical Association (NMA)	22 nd April 2019	22 nd April 2022
College of Health Sciences representative to the Faculty Board of Pharmaceutical Sciences, UDUSOK	29 th July 2019	31st August 2022
Executive Editor, Annals of Basic and Medical Sciences, Joint Faculty of Basic Medical and Clinical Sciences journal	17th November 2020	Date
Postgraduate Coordinator, Department of Microbiology and Parasitology, Faculty of Basic Clinical Sciences, College of Health Sciences, UDUSOK	1 st February 2021	31st August 2022
Deputy Dean, Faculty of Basic Clinical Sciences, College of Health Sciences, UDUSOK.	8 th April 2021	31st August 2022
Ag Head of Department, Medical Microbiology and Parasitology, Faculty of Basic Clinical Sciences, College of Health Sciences, UDUSOK	10 th April 2022	31st August 2022
Course coordinator, Medical Microbiology (1601204) 2023/2024 Academic session, Faculty of Dentistry, Zarqa University, Jordan	21 st August 2022	31st August 2023
Secretary, Doctor of Dental Surgery, Curriculum and Study Plan Committee, Faculty of Dentistry, Zarqa University, Jordan	17 th October 2022	31st August 2024
Member, Quality and Academic Accreditation Committee, Faculty of Dentistry, Zarqa University, Jordan	17 th October 2022	31st August 2024
Member, Examination Committee, Faculty of Dentistry, Zarqa University, Jordan	1 st November 2022	Present
Member, Social Activities and Community Service Committee, Faculty of Dentistry, Zarqa University, Jordan	22 nd May 2023	31st August 2024
Chairman, Scientific Research Committee	6 th October 2024	Date

COMMUNITY SERVICES

- Develop outreach programs aimed at educating the public, healthcare professionals, and policymakers about the importance of microbiology and immunology in public health and disease prevention.
- Participate in community events, science fairs, and educational programs to inspire interest in microbiology and immunology among students and the broader community.
- Engage with the local community through outreach activities, public lectures, and educational programs on topics related to Medical Microbiology and Immunology
- Foster partnerships with healthcare institutions, government agencies, and industry stakeholders to promote collaborative research and educational initiatives.
- Contribute expertise to public health initiatives and advocacy efforts aimed at preventing and controlling infectious diseases.
- Regularly evaluate the effectiveness of community development initiatives through feedback mechanisms such as surveys, focus groups, and performance metrics.
- Use feedback to refine strategies, address challenges, and continuously improve the impact of community engagement efforts.
- Engaged with local dental clinics, healthcare providers, and community organizations to raise awareness about oral health issues, promote preventive measures, and facilitate community-based research initiatives.
- Participated in outreach programs aimed at improving oral health literacy and access to dental care in underserved populations.

CONFERENCE PRESENTATIONS

1. **Hudu SA**, Niazlin MT, Nordin SA, Tan SS, and Sekawi Z. (2024) Hunan Circulating Macrophage Inflammatory Protein-1beta: A Novel Prognostic Marker Of Hcc In Chronic Hepatitis B Patients. A paper presented at the Microbiology Society Annual Conference 2024, on Monday 8–Thursday 11 April 2024, at Edinburgh International Conference Centre, Edinburgh, United Kingdom
2. **Shuaibu Abdullahi Hudu**, Abdulgafar Olayiwola Jimoh, Mohammed Yahaya, and Sa'adatu Haruna Shinkafi. Gene Mutations Associated with Multi Drug-Resistant Mycobacterium Tuberculosis Isolated from TB Patients in Sokoto. A paper presented at the Nigerian Medical Association, National Executive Council (NEC), Meeting and Scientific Conference “Caliphate City 2021”, International Conference Center, Sokoto, from 30th November to 4th December 2021
3. **Shuaibu Abdullahi Hudu** and Khadija Mohammed Dada. Seropositivity of Epstein Barr Virus Antibodies among Children and Adult Populations in Sokoto Metropolis. A paper presented at the Nigerian Medical Association, National Executive Council (NEC), Meeting and Scientific Conference “Caliphate City 2021”, International Conference Center, Sokoto, from 30th November to 4th December 2021

4. Abdulmumin Y., Ameh IG., Ombugadu RJ., Amuga GA., Hassan SC., Olayinka MD., **Hudu S.A.** (2019). An evaluation of entomological indices about malaria transmission in two communities of Keffi Local Government Area of Nasarawa state. A paper presented at the 43rd Annual Conference of the Parasitology and Public Health Society of Nigeria, University of Port-Harcourt, September 2019. Bk. Abs. Paper No. PPSN/2019/ABS/004. Pp46.
5. **Hudu S.A.**, Niazlin M.T., Nordin S.A., Sekawi Z. (2019). Macrophage Inflammatory Protein-1beta as Prognostic Marker of Hepatocellular Carcinoma in Chronic Hepatitis B Patients. Poster presented at the 1st Annual General Meeting and Scientific Conferences of the Association of Specialist Medical Doctors in Academic Sokoto State Chapter at College of Health Science, Usmanu Danfodiyo University, Sokoto, UDUTH Campus.
6. Ahmed S Alshrari, **Hudu Shuaibu A.**, Alrishidi M Ali, Mohamed I Saeed, Abdul Rahman Omar, Pei Pei Chong, & Sekawi Zamberi. (2014). *Induction of Cross-serotype reactive antibodies Specific to Capsid Proteins in Rhinovirus*. Poster presented at the 15th Asia Pacific Conference of Clinical Microbiology and Infection Sunway Pyramid Convention Centre, Kuala Lumpur, Malaysia.
7. Ahmed S ALSHRARI, Alrishidi M ALI, **Shuaibu A HUDU**, Mohamed I SAEED, Abdul Rahman OMAR, and Pei Pei CHONG, & SEKAWI, Zamberi. (2014). *MMP03: Rhinoviruses cross-neutralizing antibodies induced by recombinant capsid protein*. Poster presented at the 32nd Symposium of the Malaysian society for Microbiology (MSM2014), Terengganu Equestrian Resort, Malaysia.
8. **Hudu, S. A.**, Malik, Y. A., Niazlin, M. T., Harmal, N. S., Alshrari, A. S., & Sekawi, Z. (2013, 12-15 December 2013). *Hepatitis B Core Antibodies: A Reliable Marker in Occult Infection*. Paper presented at the International Congress of the Malaysian Society for Microbiology (ICMSM2013) Langkawi Lagoon Resort, Kedah, Malaysia.
9. Alshrari, A. S., Harmal, N., Ali, A. M., **Hudu, S. A.**, Omar, A. R., Pei, C. P., & Zamberi, S. (2013, 12 –15 Dec. 2013). *Highly Conserved Regions of Human Rhinoviruses Capsid Genes: Potential Immune Targets*. Paper presented at the International Congress of Malaysian Society for Microbiology (Icsm) 2013, Langkawi Lagoon Resort, Kedah, Malaysia.
10. **Hudu S A**, Bello A, Jimoh AbdulGafar O., Sirajo Bello Shittu and Sani Z: Haematoproteinuria as Diagnostic Criterion for Urinary Schistosomiasis in Endemic Rural Communities. In: *Nigerian Medical Association Annual General Meeting and 3rd Scientific Conference: 2012; Usmanu Danfodiyo University Teaching Hospital Sokoto*: Nigerian Medical Association; 2012: 33.
11. **Hudu AS JA**, Abubakar K, Bello A, and Sani Z: An Assessment of Malaria Diagnosis and Treatment versus Patients Affordability in Sokoto Metropolis. In: *Nigerian Medical Association Annual General Meeting and 3rd Scientific Conference: 2012; Usnamu Danfodiyo University Teaching Hospital Sokoto*: Nigerian Medical Association Sokoto; 2012: 34.
12. Jimoh Abdulgafar O. MTU, **Hudu A. Shuaibu**, Zuwaira Sani, Ahmed Ismail M, Ibrahim Omar A five-year review of malaria cases treated in a University Clinic in

Sokoto, North-Western Nigeria, Making a case for preventive strategies. In: *National Annual General Meeting and Scientific Conference of the Nigerian Medical Association: 2012; International Conference Centre Abuja* Nigeria Medical Association; 2012.

13. Jimoh AO, Ndakotsu MA, Sani Z, **Hudu AS**, Abdullahi Z, Abdulrahman MB, and Abubakar K.: Prescribing Pattern in Sickle Cell Disease in Hematology Clinic of a Teaching Hospital in Sokoto northwest Nigeria. In: *National Conference and Scientific meetings of the Nigerian Association of Pharmacists in Academia 2011; Ahmadu Bello University Zaria: Nigerian Association of Pharmacists in Academia; 2011: 41.*
14. Jimoh AO Bello S, Ndakotsu MA, Sani Z, **Hudu AS**, Abdullahi Z, Abdulrahman MB, and Abubakar K.: Pain management of vaso-occlusive crises in a tertiary care setting in Sokoto, Northwestern Nigeria. In *National Conference and Scientific meetings of the Nigerian Association of Pharmacist in Academia 2011: 2011; Ahmadu Bello University Zaria Nigeria: Nigerian Association of Pharmacist in Academia; 2011: 42.*

PUBLICATIONS

1. Mohd Imran, Abida, Arbi Guetat, Patrick Gad Iradukunda, **Shuaibu Abdullahi Hudu**, Eric Saramba, Abdullah R. Alzahrani, Lina Eltaib, Mehnaz Kamal, Tafadzwa Dzinamarira (2024). An Extensive Computational Investigation of Mycobacterium tuberculosis Pantothenate Synthetase Inhibitors from Diverse-Lib Compounds Library. *ChemistrySelect*. 4;9(41): e202402091. <https://doi.org/10.1002/slct.202402091>
2. Ibrahim, K. G., **Hudu, S. A.**, Jega, A. Y., Taha, A., Usman, D., Adeshina, K. A., ... & Erlwanger, K. H. (2024). Thymoquinone: A comprehensive review of its potential role as a monotherapy for metabolic syndrome. *Iranian Journal of Basic Medical Sciences*. 27(10): 1-11. doi: 10.22038/IJBMS.2024.77203.16693
3. Bello, N., **Hudu, S. A.**, Alshrari, A. S., Imam, M. U., & Jimoh, A. O. (2024). Overview of Hepatitis B Vaccine Non-Response and Associated B Cell Amnesia: A Scoping Review. *Pathogens*, 13(7), 554. doi.org/10.3390/pathogens13070554
4. Tahir, A.; Shinkafi, S.H.; Alshrari, A.S.; Yunusa, A.; Umar, M.T.; **Hudu, S.A.**; Jimoh, A.O. A Comprehensive Review of Hepatitis B Vaccine Nonresponse and Associated Risk Factors. *Vaccines* 2024, 12, 710. <https://doi.org/10.3390/vaccines12070710>
5. **Hudu, S. A.**, Osman, A., Esra'a JIA, & Jimoh, A. O. (2024). A critical review of the prospects and challenges of Hepatitis B therapeutic vaccines. *Trends in Immunotherapy*, 8(1), 5644. doi: 10.24294/ti. v8.i1.5644
6. **Hudu, S. A.**, Jimoh, A. O., Adeshina, K. A., Otalike, E. G., Tahir, A., & Hegazy, A. A. (2024). An Insight into the Success, Challenges, and Future Perspectives of Eliminating Neglected Tropical Diseases. *Scientific African*, e02165.
7. Abu-Shoura E. J. I, **Hudu S. A.**, AL- Quadan T. F. (2024). Exploring Genetic and Phenotypic Factors Contributing to Urethral Catheter Biofilm Formation in Hospitalised Patients in Jordan. *Biomedical and Pharmacology Journal*, 17(2), 1125-1134.
8. **Hudu, Shuaibu Abdullahi**, Shinkafi, Sa'adatu Haruna and Jimoh, Abdulgafar Olayiwola. (2024) "A critical review of diagnostic and prognostic markers of chronic hepatitis B infection" *Medical Review*. <https://doi.org/10.1515/mr-2024-0022>
9. Abubakar, M.B., Yusuf, A.P., Usman, D., Abubakar, I.B., Katsayal, B.S., Sadiq, I.Z., Hassan, S.M., Forcados, G.E., Ibrahim, K.G., **Hudu, S.A.** and Muhammad, A. (2024). Potential benefits and challenges on the use of phytochemicals for obese COVID-19 patients: A review. *Phytomedicine Plus*, 100526.
10. **Hudu, S. A.**, Jimoh, A. O., Alqtaitat, A., & Fayig, E. (2024). The Role of Seasonal Influenza in Compounding the Outbreak of Infectious Diseases: A Critical Review. *Biomedical and Pharmacology Journal*, 17(1), 1-13.

11. **Hudu, S. A.**, Jimoh, A. O., Ibrahim, K. G., Mohammed, Y., Adeshina, K. A., Jimoh, A. K., ... & Jama, A. M. (2024). Dissecting the low morbidity and mortality during the COVID-19 pandemic in Africa: a critical review of the facts and fallacies. *Advances in Traditional Medicine*, 1-12.
12. **Hudu, S.A.**; Elmigdadi, F.; Qtaitat, A.A.; Almeahmadi, M.; Alsaiani, A.A.; Allahyani, M.; Aljuaid, A.; Salih, M.; Alghamdi, A.; Alrofai, M.A.; et al. (2023). Trofinetide for Rett Syndrome: Highlights on the Development and Related Inventions of the First USFDA-Approved Treatment for Rare Pediatric Unmet Medical Need. *J. Clin. Med.* 12, 5114. <https://doi.org/10.3390/jcm12155114>
13. **Hudu, S.A.**; Alshrari, A.S.; Al Qtaitat, A.; Imran, M. (2023). VP37 Protein Inhibitors for Mpox Treatment: Highlights on Recent Advances, Patent Literature, and Future Directions. *Biomedicines*, 11, 1106. <https://doi.org/10.3390/biomedicines11041106>
14. Alshrari, A. S., **Hudu, S. A.**, Elmigdadi, F., & Imran, M. (2023). The Urgent Threat of Clostridioides difficile Infection: A Glimpse of the Drugs of the Future, with Related Patents and Prospects. *Biomedicines*, 11(2), 426. <https://doi.org/10.3390/biomedicines11020426>
15. **Hudu, SA**, Jimoh AO, Shinkafi, SH. (2023). Knowledge, Attitudes, and Beliefs of HIV Transmission Among People Living With HIV/AIDS (PLWHA) in Sokoto, Nigeria. *Niger Med J.*64(1):131.
16. **Hudu, SA.** (2023). Hepatitis B Virus Infectivity Status among Pregnant Women in Sokoto, Nigeria. *Niger Med J.* 64(1):132.
17. **Hudu, S.A.**; Jimoh, A.O.; Ibrahim, K.G.; Alshrari, A.S. (2022). Hepatitis B Therapeutic Vaccine: A Patent Review. *Pharmaceuticals*, 15, 1542. <https://doi.org/10.3390/ph15121542>
18. **Shuaibu Abdullahi Hudu**, Sa'adatu Haruna Shinkafi, Ahmed Subeh Alshrari (2022). Predictors and willingness to take COVID-19 vaccine in Nigeria. *Infectious Diseases Research.* ;3(4):20. <https://doi.org/10.53388/IDR20221125020>.
19. **Shuaibu Abdullahi Hudu** (2022). An overview of the pattern of first- and second-line anti-tuberculosis drug resistance gene mutations. *International Journal of Frontline Research in Multidisciplinary Studies*, 01(01), 035–042. doi: 10.56355/ijfrms.2022.1.1.0031
20. Shuaibu Abdullahi Hudu and Mohammed Ibrahim Saeed (2022). An Overview of Respiratory Syncytial Virus Vaccine Development. *Annals of Clinical and Experimental Medicine.* 3(1): 228-234. doi: 10.47838/acem.26011977.127132022.asmeda.3.1
21. **Shuaibu A. Hudu**, and Nabil S. Hamal. (2022). Seroprevalence of Herpes Simplex Virus Type Two in Patients Attending General Outpatient Clinic in Sokoto. *Annals of Basic and Medical Sciences.* 3(1): 189-194. doi.org/10.51658/ABMS.202231.6

22. Jimoh, A.O., A.I. Tanko, U.M. Tukur, **S.A. Hudu** and A. Chika (2022). Camel milk plus atorvastatin influence lipid profile and body weight in hyperlipidaemic rats. *J. Appl. Sci.*, 22: 22-32. doi: 10.3923/jas.2022.22.32
23. Alshrari, A.S., **Hudu, S.A.**, Imran, M., Asdaq, S.M.B., Ali, A.M. and Rabbani, S.I., 2022. Innovations and development of COVID-19 vaccines: A patent review. *Journal of infection and public health*, 15(1), 123-131. doi: 10.1016/j.jiph.2021.10.021
24. **Shuaibu Abdullahi Hudu**. (2022) Vaccine-escape Mutations: A Major Challenge for COVID-19 Vaccines. *Annals of Basic and Medical Sciences*.3(1): 178-182. doi.org/10.51658/ABMS.202122.12
25. **Shuaibu Abdullahi HUDU**. (2022) An Insight into the Epidemiology and Genetic Diversity of Hepatitis B Virus in Africa. *J Mol Virol Immunol*. 3(1): 56-69. doi: 10.46683/jmvi.2022.50
26. Jimoh AO, Faragai AY, Sani Z, Tukur UM ,and **Hudu SA**. The pattern of Complementary and Alternative Medicine (Cam) Use among Hypertensive Patients in Northern Nigeria (2021). *Caliphate Medical Journal*. 9(3):569-572. doi:10.47837/CMJ.202193.1
27. **Hudu SA** and Aliyu UM (2021). Human Papillomavirus Oncogenesis: A Narrative Review. *Caliphate Medical Journal*. 9(1,):556-560. doi:10.47837/CMJ.202192.7
28. **Hudu, S. A.**, Shinkafi, S. H., Umar, S., & Makun, B. (2021). Reverse Vaccinology Approach for a Potential Rhinovirus Vaccine. *Avicenna J Clin Microbiol Infect*, 8(2), 66-73. doi: 10.34172/ajcmi.2021.12
29. Alshrari AS, **Hudu SA**, Asdaq SMB, Ali AM, Kin CV, Omar AR, PeiCP, Sekawi Z (2021)., Bioinformatics Analysis of Rhinovirus Capsid Proteins VP1-4 Sequences for cross-Serotype Vaccine Development, *Journal of Infection and Public Health* 14(11):1603-11. ISSN: 1876-0341. doi: <https://doi.org/10.1016/j.jiph.2021.09.001>
30. Abdulhamid Imam Tanko, Abdulgafar Olayiwola Jimoh, Muhammad Tukur Umar,**Shuaibu Abdullahi Hudu** (2021). Influence of Camel Milk on the Antibacterial Activity of Ciprofloxacin. *Annals of Basic and Medical Sciences* 2, 79-83. ISSN: 2782-7550 (Print) ISSN: 2782-7542 (Online) doi.org/10.51658/ABMS.202121.8
31. **Hudu, S.A.** (2021). An Overview of Innate Immune Response to Human Rhinovirus Infection. *J Mol Virol Immunol* 2, 75-85. doi: 10.46683/jmvi.2021.34
32. **Hudu, S. A.**, & Hamal, N. S. (2021). Cross-Sectional Household Survey of Risk Behaviors Related to Viral Hepatitis among Adults in Sokoto-Nigeria. *European Journal of Medical and Health Sciences*, 3(3), 77-81. <https://doi.org/10.24018/ejmed.2021.3.3.883>
33. Mohd. Imran, Alshrari A.S., Mohammad Tauseef, Shah Alam Khan, **Shuaibu Abdullahi Hudu** & Abida (2021) Mucormycosis medications: a patent review, *Expert Opinion on Therapeutic Patents*, DOI: 10.1080/13543776.2021.1939308 (In-press)

34. Sa'adatu H.S., Neela V., Amin Nordin S., Sabariah M.N, Zainudin Z, **Hudu S.A.**, and Mohammad A.B. (2020): Selective Amplification of Bacterial 16s RDNA Sequence from Clinical Samples Bayero Journal of Medical Laboratory Science. 5(2): 98 – 105. ISSN 2545 – 5672; eISSN 2635 - 3792
35. **Hudu S.A** and Alshrari A.S. Preparedness in Containment of Coronavirus Disease-19 in the African Continent. Biosc.Biotech.Res. Comm. 2020; 13(3):1623-1629 DOI: <http://dx.doi.org/10.21786/bbrc/13.3/93>
36. **Hudu SA**, Shinkafi SH, Umar S, Makun B, Dada K.M. Next-Generation Sequencing: A Critical Review of Its Applications in Clinical Microbiology. Annals of Clinical and Experimental Medicine. 2020;1(1):1-5.
37. **Hudu SA**, Shinkafi SH, Umar S, Makun B. Dynamics of Hepatitis B Virus Surface Antigen Level with Peripheral Blood Lymphocytes in Chronic Hepatitis B Infection. Journal of Advances in Medicine and Medical Research. 2020; 18:1-9.
38. **Hudu SA**, Umar S. An Overview of Schistosomiasis in Africa: Evolutional Origin and Diagnostic Challenges Asian Journal of Medicine and Health 2019;17(2):1-12.
39. **Shuaibu Abdullahi Hudu**, Mohd Taib Niazlin, Syafinaz Amin Nordin, Soek Siam Tan and Zamberi Sekawi, 2019. A Preliminary Study of Hudu's Score as a Prognostic Scoring System of Predicting the Risk of Liver Cirrhosis in Patients with Chronic Hepatitis B Infection. International Journal of Tropical Medicine, 14: 17-20.
40. **Hudu SA**, Shinkafi SH. A Genetic Insight and Overview of Zika Virus Infection: An Important Emerging Viral Infection. Journal of Advances in Medicine and Medical Research. 2019:1-12.
41. Shinkafi SH, Umar S, Neela VK, Noordin SM, Noordin SA, **Hudu SA**, Zainudin Z. Isolation of Janthinobacterium lividum from early-onset neonatal sepsis patients in Malaysia. Afri Health Sci. 2019;19(3): 2378-2389. <https://dx.doi.org/10.4314/ahs.v19i3.11>
42. Krishnan P, Abdullah M, **Hudu S.A**, Sekawi Z, Tan S, Amin-Nordin S. Human leukocyte antigen (HLA) class II association in chronic hepatitis B patients with hepatocellular carcinoma in a Malay population: A pilot study. Tropical Biomedicine. 2019; 36 (3):703-8.
43. **Hudu SA**, Niazlin MT, Nordin SA, Tan SS, Omar H, Shahar H, Mutalib NA, Sekawi Z. Genetic diversity of hepatitis B co-infection with hepatitis C, D and E viruses among Malaysian chronic hepatitis B patients. Afri Health Sci. 2018; 18(4): 1117-1133. <https://dx.doi.org/10.4314/ahs.v18i4.33>
44. **Hudu, S.A.** and Hamal, N.S. Small Interfering RNA and the Quest for an Effective Respiratory Syncytial Virus Therapy. Journal of Medical Laboratory Science; 3(2): 28 - 36. ISSN: 2536-7153

45. **Shuaibu A. Hudu**, Nabil S. Hamal. Molecular and Conventional Methods of Detecting Respiratory Viruses among Children with Lower Respiratory Tract Infection in Sokoto, Nigeria (2018). *Bo Med J*, 15(1): 65-76. doi: 10.31173/box.bomj_96_15.ISSN: 2437-1734
46. **Hudu, S. A.**, Niazlin, M. T., Nordin, S. A., Saeed, M. I., Tan, S. S., Omar, H., ... & Sekawi, Z. (2018). Quantitative Hepatitis B e Antigen: A Better Predictor of Hepatitis B Virus DNA than Quantitative Hepatitis B Surface Antigen. *Clinical laboratory*, 64(4), 443-449. doi: 10.7754/Clin.Lab.2017.170916. ISSN: 1433-6510
47. **Hudu, S.A.**, Niazlin, M.T., Nordin, S.A, Saeed M.I, Tan S.S, Sekawi Z. (2017). 'Expression of Human Cytokine Genes Associated with Chronic Hepatitis B Disease Progression, Iranian Journal of Immunology, 14(4), pp. 281-292
48. **Hudu, S.A.**, Niazlin, M.T., Nordin, S.A. and Sekawi, Z., (2017). Hepatitis E Virus Infection in the Perspective of Acute-on-chronic Liver Failure. *Annals of Medical and Health Sciences Research*. 7: 271-275
49. **Hudu, S. A.**, Niazlin, M. T., Nordin, S. A., Harmal, N. S., Tan, S. S., Omar, H., ... & Sekawi, Z. (2017). Hepatitis E virus isolated from chronic hepatitis B patients in Malaysia: Sequences analysis and genetic diversity suggest zoonotic origin. *Alexandria Journal of Medicine*. In press <https://doi.org/10.1016/j.ajme.2017.07.003>
50. Umar, S., Shinkafi, S. H., **Hudu, S. A.**, Neela, V., Suresh, K., & Nordin, S. A. (2017). Original papers Prevalence and molecular characterization of *Schistosoma haematobium* among primary school children in Kebbi State, Nigeria, 63(2), 133–139. <http://doi.org/10.17420/ap6302.97>
51. **Hudu, Shuaibu A.**, Nabil S. Harmal, Mohammed I. Saeed, Ahmad S. Alshrari, Yasmin A. Malik, Mohd T. Niazlin, Roshida Hassan, and Zamberi Sekawi (2016). Molecular and serological detection of occult hepatitis B virus among healthy hepatitis B surface antigen-negative blood donors in Malaysia. *African health sciences*, 16(3), 677-683.
52. **Hudu, S. A.**, Harmal, N. S., Malina, O., & Sekawi, Z. (2016). Influenza vaccination among Malaysian healthcare workers: a survey of coverage and attitudes. *The Medical journal of Malaysia*, 71(5), 231-237.
53. Chin, V. K., Aziz, N. A. A., **Hudu, S. A.**, Harmal, N. S., Syahrilnizam, A., Jalilian, F. A., & Zamberi, S. (2016). Design and validation of small interfering RNA on respiratory syncytial virus M2-2 gene: A potential approach in RNA interference on viral replication. *Journal of virological methods*, 236, 117-125.
54. **Shuaibu Abdullahi Hudu**, Saadatu Haruna Shinkafi, Shuaibu Umar (2016). An overview of recombinant vaccine technology, adjuvants, and vaccine delivery methods. *Int J Pharm Pharm Sci*, 8(11):19-24.

55. **Hudu, S.A.**, Alshrari, A.S., Syahida, A., and Sekawi, Z. (2016). Cell culture, technology: enhancing the culture of diagnosing human diseases. *Journal of clinical and diagnostic research: JCDR* 10, DE01.
56. **Hudu, S.A.**, Harmal, N.S., Saeed, M.I., Alshrari, A.S., Malik, Y.A., Niazlin, M.T., Hassan, R., and Sekawi, Z. (2015). Naturally occurring hepatitis B virus surface antigen mutant variants in Malaysian blood donors and vaccinees. *European Journal of Clinical Microbiology & Infectious Diseases*, 1-11.
57. Bello, A., Jimoh, A., Shittu, S., and **Hudu, S.** (2014). Prevalence of urinary schistosomiasis and associated haemato-proteinuria in Wurno Rural Area of Sokoto State, Nigeria. *Orient Journal of Medicine* 26, 114-121.
58. **Hudu, S. A.**, Malik, Y. A., Niazlin, M. T., Harmal, N. S., Alshrari, A. S., & Sekawi, Z. (2013). Isolated hepatitis B core antibody-positive among vaccinated cohort in Malaysia. *Ann Saudi Med*, 33(6), 591-594.
59. **Hudu, S. A.**, Malik, Y. A., Niazlin, M. T., Harmal, N. S., Adnan, A., Alshrari, A. S., & Sekawi, Z. (2013). Antibody and immune memory persistence post infant hepatitis B vaccination. *Patient Prefer Adherence*, 7, 981-986.
60. **Hudu, S. A.**, Malik, Y. A., Niazlin, M. T., Harmal, N. S., & Sekawi, Z. (2013). An Overview of Hepatitis B Virus Surface Antigen Mutant in the Asia Pacific. *Curr Issues Mol Biol*, 16(2), 69-78.
61. **Hudu Shuaibu Abdullahi**, Jimoh AbdulGafar Olayilola, Abubakar Kabiru, Bello Aminu. (2013). Common anti-malarial drug prescription and patient affordability in Sokoto Nigeria. *International Journal of Pharmacy and Pharmaceutical Sciences* 5, 428-431.
62. Ameh, J., Ahmad, R. M., Ekeh, N., Linga, P., Mangoro, Z., Imam, A. U. **Hudu, S.** (2012). Laboratory diagnosis of malaria: Comparing Giemsa-stained thick blood films with rapid diagnostic test (RDT) in an endemic setting in North-west Nigeria. *Journal of Medical Laboratory and Diagnosis Vol*, 3(2), 10-15.
63. **Hudu A S** and Jimoh AO. (2011). Assessment of Socioeconomic, Demographic and Health Problems of Al-Majiri in Sokoto State, North-Western Nigeria. *International Journal of Tropical Medicine*, 6(3), 58-60.
64. Abdulgafar O.Jimoh, E. U. E., Zuwaira Sani, **Hudu A. Shuaibu**. (2011). The Pattern of Antibiotic Use in a Family Medicine Department of a Tertiary Hospital in Sokoto, North-Western Nigeria. *Journal of Clinical and Diagnostic Research [serial online]*, 5(3), 566-569.
65. Jimoh, A., Emmanuel, H., Chika, A., Muhammad, T., & **Hudu, A S**. (2012). Phytochemical Screening and Antifungal Evaluation of Methanolic Extract of *Schwenckia Americana* L. (Solanaceae). *Continental Journal of Pharmacology and Toxicology Research*, 4(1).

66. Abubakar K, Halilu ME, Jimoh AO., **Hudu. AS.** (2011). Preliminary Phytochemical and Antifungal Screening of the Aqueous Extract of the Leaves of *Pterocarpus erinaceus*. *Research Journal of Pharmacology*, 5(3), 40-42.
67. **Hudu, S. A.**, Niazlin, M. T., Nordin, S. A., Tan, S. S., & Sekawi, Z. (2020). Human interleukin-1 receptor antagonist: A potential prognostic marker of liver cirrhosis in chronic hepatitis B patients. *International Journal of Infectious Diseases*, 101, 516.
68. Nabil Saad Hamal, **Shuaibu Abdullahi Hudu**, Thein Win Naing, Nasaruddin Bin Abdul Aziz, Chong Pei Pei⁴ and Zamberi Sekawi (2018). Development of single Pan-fungal yeast PCR detection of a broad range of pathogenic yeast species of medically important. *J Med Microb Diagn*. 7, 36-36 DOI: 10.4172/2161-0703-C2-020
69. Ahmed S ALSHRARI, Alrishidi M ALI, **Shuaibu A Hudu**, Mohamed I SAEED, Abdul Rahman OMAR, Pei Pei CHONG⁴, & SEKAWI¹, Zamberi. (2014). P5. Elicitation of antibodies against synthetic peptides capable of reacting with various variants of rhinovirus. *Malaysian J Pathol*, 36(3), 233-233.
70. **Hudu S.**, Ibrahim M, Harmal N, Alshrari A, Niazlin M, Malik Y, and Zamberi, S. (2014). Molecular characterizations of hepatitis B escape mutants among blood donors in Malaysia. *Journal of Viral Hepatitis* 21, 40-40.
71. **Hudu, S.**, Sekawi, Z., Taib, N., Malik, Y., and Harmal, N. (2013). P24: Occult hepatitis B infection among the vaccinated cohort. *Journal of Viral Hepatitis* 20, 30-30.
72. **Hudu, S.A.** (2012). Novel substitution of glutamine with lysine at position 16 of Hepatitis B surface antigen associated with diagnostic and immune escape. *J Antivir Antiretrovir*, pp. 223.

RESEARCH GRANT				
<i>Title</i>	<i>Award Authority</i>	<i>Year</i>	<i>Status</i>	<i>Remarks</i>
1. Evaluation of Post-Infant Hepatitis B Vaccination Among Undergraduate Vaccinee	Sanofi Aventis Malaysia	2012	Principal Investigator	Completed
2. Influenza Vaccination Coverage among Health Care Workers in Malaysia	Sanofi Aventis Malaysia	2013	Principal Investigator	Completed

3.	Development of Pan-Fungal PCR Assay for Detection of Human Fungal Infections	Asia Metropolitan University Research Grant Scheme (ARGS), Malaysia	2017	Co-investigator	Completed
4.	Prevalence and Molecular Mapping of Multidrug-resistance <i>Mycobacterium Tuberculosis</i> in Sokoto, North-western Nigeria	Tertiary Education Trust Fund (TET Fund) Institution-Based Research (IBR) Grant, Nigeria	2019	Principal Investigator	Completed
5.	Investigating B-cells Immune Amnesia in Unravelling the Mystery of Hepatitis B Vaccine Non-response	Tertiary Education Trust Fund (TET Fund), National Research Fund (NRF)	2022	Principal Investigator	Ongoing
6.	Molecular epidemiology of recurrent cholera outbreaks in Northwestern Nigeria	Tertiary Education Trust Fund (TET Fund), National Research Fund (NRF)	2022	Co-investigator	Ongoing
7.	Nucleic Acid Related Antigen (NRAg) as a Surrogate Marker of Polymerase Chain Reaction (PCR) in Detecting Occult Hepatitis Infection in Blood Donors	Tertiary Education Trust Fund (TET Fund) Institution-Based Research (IBR) Grant, Nigeria	2023	Principal Investigator	Ongoing

POSTGRADUATE SUPERVISIONS

<i>Thesis/Dissertation Title</i>	<i>Institution</i>	<i>Degree</i>	<i>Role</i>	<i>Status</i>
1. A Comparative study of the antidiarrheal effects of three selected Nigerian medicinal plants MARTHA ANNE OGABO (15210708005)	Department of Pharmacology and Therapeutics, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	MSc	Co-supervisor	Completed
2. Anti-hyperlipidemia and antimicrobial activity of co-administration of camel milk with Atorvastatin/Ciprofloxacin in rat models ABDULHAMID IMAM TANKO (17210708001)	Department of Pharmacology and Therapeutics, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	MSc	Co-supervisor	Completed
3. Evaluation of Antidepressant and Anxiolytic Activities of Methanol Stem Bark Extract of <i>Khaya senegalensis</i> in Animal Models GALADIMA IBRAHIM BELLO (16210708006)	Department of Pharmacology and Therapeutics, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	MSc	Co-supervisor	Completed
4. Isolation and Identification of Bacteria from Tannery effluent contaminated soil for possible bioremediation UMAR HABIBA (15210307006)	Department of Microbiology, Faculty of Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	MSc	Co-supervisor	Completed
5. Effect of occult hepatitis B viral infection on HIV-positive individuals attending art clinic of FMC Nguru Yobe State SALIHU IDRIS ALKALI (SPS/17 /MML /00069)	Department of Medical Laboratory Sciences, Bayero University, Kano	MSc	Co-supervisor	Completed

6.	Molecular Detection of Schistosoma Haematobium among Children of Kwalkwalawa Area Using Real-Time Polymerase Chain Reaction AHMAD ABDULLAHI (18211228004)	Department of Medical Microbiology, School of Medical Laboratory Science, Usmanu Danfodiyo University, Sokoto, Nigeria	MSc	Co-supervisor	Completed
7.	A Comparative Study of The Sensitivity of Plasmodium Falciparum to Selected Antimalarials in A Chosen Population MARTHA ANNE OGABO (19310708001)	Department of Pharmacology and Therapeutics, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	PhD	Co-supervisor	Completed
8.	Ethnobotanical Survey and Antibacterial Activity of Some Selected Plants Species Locally Used for The Treatment of Gastrointestinal Tract Infections in Sokoto State SALMA MUHAMMAD GALALAIN (18310302001)	Department Of Biology, Faculty of Chemical and Life Sciences, Usmanu Danfodiyo University, Sokoto	PhD	Co-supervisor	Completed
9.	Molecular Characterization of Female Genital Schistosomiasis Among Women and Adolescent Girls in Sokoto State, Nigeria HASSAN GARBA JIGA (20311228001)	Department of Medical Microbiology, School of Medical Laboratory Science, Usmanu Danfodiyo University, Sokoto, Nigeria	PhD	Co-supervisor	Ongoing
10.	Investigating Hepatitis B Vaccine Immune Nonresponse and Associated Risk Factors ALBASHIR TAHIR (22210708001)	Department of Pharmacology and Therapeutics, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	MSc	Major Supervisor	Ongoing

11. Investigating the Role of I L-10 Genetic Polymorphism in Hepatitis B Vaccine Non-Response in A Nigerian Population NURA ABUBAKAR (22210708003)	Department of Pharmacology and Therapeutics, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	MSc	Major Supervisor	Ongoing
12. Investigating the Roles of B Helper T Cells and Natural Killer Cells in Hepatitis B Vaccine Non-Response NURA BELLO (22310708004)	Department of Pharmacology and Therapeutics, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	PhD	Major Supervisor	Ongoing
13. Barriers and preferences for structured out-patient parenteral antimicrobial therapy practice in Nigeria KENNETH IREGBU (22410708015)	Department of Medical Microbiology and Parasitology, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	PhD	Major Supervisor	Ongoing
14. Co-localizations of beta-lactamase-producing genes on clinical isolates of Enterobacteriales from Federal Medical Center, Azare, Nigeria JIBRIL ABUBAKAR (22410708017)	Department of Medical Microbiology and Parasitology, Faculty of Basic Clinical Sciences, College of Health Sciences, Usmanu Danfodiyo University, Sokoto, Nigeria	PhD	Major Supervisor	Ongoing
15. Transmission Dynamics of MDR Enterobacteriales In the Human-Human-Animal-Environment Interface NUBWA MEDUGU (22410708020)	Department of Medical Microbiology and Parasitology, Faculty of Basic Clinical Sciences, College of	PhD	Major Supervisor	Ongoing

Health Sciences,
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REFEREES

Will be provided upon request