

### Sadiq YUSUF

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### Career Objective

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I am a committed and skilled academician with experience in research and teaching students from various social and cultural backgrounds. I have a broad knowledge of organizing, managing and supporting the day-to-day activities required for running an educational institution gained through all-round administrative, teaching and research experience in an institution of higher learning. I have interest in the integration of software engineering and advanced technology concepts into the delivery of medical education.

### Accomplishments

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- Authored numerous articles, published in peer reviewed journals
- Played a major role in the establishment of the first private medical school in Uganda.
- Helped to pioneer an innovative staff development program, student scholarship scheme and an innovative enterprise resource planning system [ERP] at Kampala International University, Uganda.
- Established the first modern Institute of Biomedical Research at the Western Campus of Kampala International University. The Institute is the first of its kind in Uganda and is designed to foster creative research and education related to medicine, basic sciences and provides leadership that inspires both academicians and students to develop their research programs in a collaborative environment.

- Co-founder of Teaching and Research in Neuroscience for Development in Africa (TReND in Africa, a Non-Governmental Organization dedicated to the advancement of Neuroscience research and education in Africa ([www.trendinafrica.org](http://www.trendinafrica.org))).

### Work Experience

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#### □ Research

- Over 10 years of Collaborating and coordinating with faculty, administrators, and students across departments to conduct interdisciplinary research.
- Designed experiments, problem solved issues and analyzed data for future publications.
- Supervised, trained and mentored several undergraduate students by organizing responsibilities, designing and coordinating experiments, and training them in laboratory techniques, instrumentation, procedures, and to analyze the results.
- Presented data at lab meetings, departmental seminars and conferences.
- Advise and mentor graduate students to ensure a strong understanding of concepts and successful completion of experiments and presentation of data in seminars and scientific conferences.

#### □ Academic

- Over 15 years' experience in teaching, managing scientific research and academic education of undergraduate and postgraduate students. Skills include; Curriculum development and administration, technical expertise and individual and group training.
- In-depth knowledge of course evaluation and course approval procedures.
- Knowledge of academic staff support across a range of activities like teaching, program administration and discipline-level organization.
- Have knowledge in establishing University Campuses and Colleges; and Staff development programs.
- External Examiner in Physiology in various Universities.

### □ **Administrative**

- More than 8 years of administrative experience in organizational leadership and relationship building with students and staff in an International University.
- Recent experience in the use of Enterprise resource management software for effective University management and Administration.
- Effective in organizing and prioritizing work and duties.
- Maintaining and awareness of developments in academic regulation and best practice.
- Experience in personnel management, human relations, campus management and other aspects of administration in a large educational Institution of higher learning.
- Implemented many innovative schemes for the modern development of an institution.
- Five years of experience in a nonprofit science organization [TReND in Africa]. Positions included Board Member, fundraiser, and event organizer.
- All round ability to coordinate and lead a team of officers with a variety of expertise.

### **Education**

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#### □ **Ahmadu Bello University, Zaria, Nigeria - October, 2004**

- PhD in Physiology; Project Title: *Control of Gastric Mucus Secretion: Its Role in Gastric Mucosa Injury in Wister Rats*. Supervised by Prof A.B Adelaiye and Prof Andrew Nok

#### □ **Ahmadu Bello University, Zaria, Nigeria - August, 1996**

- MSc in Physiology; Project Title: *Basal Gastric Acid Secretion and Mucin Fractions in Peptic Ulcer Patients and Healthy Controls*. Supervised by Prof M.A Ali

#### □ **Ahmadu Bello University, Zaria, Nigeria - August 1989**

- BSc [Hons] in Zoology

## Professional Training

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- **Marine Biological Laboratory, Woods Hole, Massachusetts, USA - August, 2007**
  - Summer Training Course in Neural Systems and Behavior
- **University of Stellenbosch and the University of Cape Town, South Africa - July, 2006**
  - 12<sup>th</sup> International Brain Research Organization (IBRO) Course in Neural Systems: From Channels to Circuits.
- **Smith College, Northampton, Massachusetts, USA - June, 2005**
  - New England Biolabs Course in Molecular Biology [DNA Cloning, PCR, DNA Sequencing, Genomics and Bioinformatics]

## Awards/Fellowships

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- **Marine Biological Laboratory/ Cold Spring Harbor Laboratory - November, 2008**
  - Travel Fellowship awarded to attend Society of Neuroscience Meeting, Washington DC
- **International Brain Research Organization (IBRO) fellowship - June, 2007**
  - Student fellowship to attend the Neural System & Behavior Course at Marine Biological Laboratory [MBL], Woods Hole, USA
- **International Brain Research Organization (IBRO) fellowship - June, 2007**
  - Student fellowship to attend the 12<sup>th</sup> IBRO Neuroscience School in Cape Town, South Africa
- **Ahmadu Bello University Zaria Research Enhancement Grant - June, 2005**
  - Awarded to attend the New England Biolabs workshop in Molecular Biology and PCR at Smith College, Northampton, Massachusetts, USA.
- **Ahmadu Bello University Zaria Graduate Programs Research Award - September, 2000**
  - Awarded to conduct research towards the award of PhD in Physiology.

## Research and Scholarly Activities

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My research lies at the nexus among the fields of ethno-pharmacology, animal behavior, and gastrointestinal mucus physiology.

I combine neurophysiological, behavioral, biochemistry, anatomical and molecular approaches to understand the role of mucus in the etiology of gastrointestinal tract diseases, the role of brain-gut axis in the regulation of gastric secretions and understanding the neurophysiological basis of memory and learning.

These works seek to discover the fundamental principles and mechanisms of action of pharmacological agents used in the treatment of gastrointestinal diseases and at the same time to understand the cellular mechanisms that are involved in the learning and memory processes.

The focus of my current and future research is to elucidate the role of dietary iron in modulating the activity of neural networks during the process of learning and memory and to identify dietary precursors that can improve cognition or memory. I am also interested in understanding the cellular mechanisms underlying functional configuration of neuronal networks by elucidating the mechanisms that are involved in the regulation of communication between cells e.g. by what extracellular information is the communication between neurons cells regulated, and by what mediators is it communicated in the cells.

### **Professional Competencies and Skills**

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#### **Research**

- Animal studies [in vitro and in vivo]
- Molecular Biology Techniques [isolation of genomic DNA, cloning and DNA sequence analysis, preparation of poly A<sup>+</sup> and poly A<sup>-</sup> RNA, gene expression analysis, Genomic and cDNA library construction, RT-PCR and Quantitative Real Time RT-PCR, gel electrophoresis, Southern and Northern blotting].
- Electrophysiological Techniques [Voltage, current and patch clamp, intra and extracellular recordings using sharp electrodes]
- Behavioral Analysis
- Immuno-histochemical techniques [ single dye cell labeling]

#### **Teaching**

- Undergraduate and post-graduate student's mentorship
- Manage student learning environment with a student centered focus

- Development and implementation of new methods of teaching to reflect changes in research
- Incorporate instructional technology to support the learning process and familiar with various e-learning environment such as Moodle learning platform.
- Formulation of course structure and requirements for various courses in physiology
- Interact effectively with a diverse student population.
- Select, implement and apply appropriate assessment methods and results to evaluate student learning and effectiveness.
- **Computing**
  - Strong computer literacy especially with Microsoft office suit software and other major software tools e.g. Enterprise Management Planning, online resources, e-learning management platforms (especially Moodle), SPSS and simulation software
  - Knowledge of data management processes and tools, including web-based database systems.
  - Strong knowledge of monitoring and evaluation methodology, data quality assurance, analysis reporting and best practices in data dissemination and usage
- **Project and Time Management**
  - Strong time management skills developed through juggling teaching, research and administrative duties.
  - Management of assessment and continuing quality management processes
  - Ability to initiate and implement projects.
  - Ability to handle multiple tasks
  - Flexible and able to adapt to the changing demands of a job.
  - Ability to work efficiently and with minimal supervision.
- **Teamwork**
  - Good inter-personal skills.

- Demonstrated ability to work in a multi-cultural, multi-ethnic environment and to maintain effective working relations with people of different national and cultural backgrounds.
- Ability to lead and gain assistance of others in a team endeavor.
- Ability to Work in a collaborative manner with colleagues to achieve organizational goals and willing to learn from others.
- Place team agenda before personal agenda and share credit for team accomplishments and accepts joint responsibility for team shortcomings.
- **Judgment and Decision-Making**
  - Able to demonstrate sound judgment, initiative, imagination and resourcefulness and technical expertise to resolve a range of issues/problems.
  - Ability to identify issues which require the consideration of the senior management.
  - Ensure an effective work structure to maximize productivity and achieve the goals of the office.
  - Ability to identify the key issues in a complex situation, and comes to the heart of the problem quickly.
  - Consider positive and negative impact of decision prior to making them.
  - Takes decisions with an eye to the impact on others and on the organization.
  - Proposes a course of action or makes a recommendation based on all available information.
  - Makes tough decision when necessary.
- **Leadership**
  - In-depth Knowledge of the University's organizational structure, systems, policies and procedures
  - Anticipates and resolves conflicts by pursuing mutually agreeable solutions.
  - Establishes and maintains relationships with a broad range of people to understand organizational needs and gain support, identify priority activities and assignments.
  - Allocates appropriate amount of time and resources for completing work.
  - Ability to foresee risks and allows the contingencies when planning.

- Delegates the appropriate responsibility, accountability and decision-making authority.
- Monitor progress against milestones and deadlines.

### □ **Communication**

- Effective communication skills, both oral and written.
- Ability to defend and explain difficult issues with respect to key decisions and positions to staff, senior official and members of inter-governmental bodies.
- Ability to communicate complex management decisions.
- Ability to prepare written reports that are clear, concise and meaningful.
- Correctly interprets messages from others and responds appropriately.
- Asks questions to clarify, and exhibits interest in having two-way communication.
- Demonstrates openness in sharing information keeping people informed.

## **Employment – Faculty Positions**

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- **Professor of Physiology, St. Augustine International University, Uganda- August, 2016 to Date**
  - Teaching courses in Physiology to Bachelor of Medicine and Surgery and Master of Medicine degree programs. Formulated course structure and requirements.
- **Professor of Physiology, International Medical and Technological University, Dar es Salaam, Tanzania - March to August, 2016**
  - Teaching courses in Physiology to Bachelor of Medicine and Surgery, Bachelor of Medical Laboratory, Bachelor of Nursing and Master of Medicine degree programs. Formulated course structure and requirements.
- **Associate Professor of Physiology, Kampala International University, Uganda - October 2010 to February 2016**
  - **Leadership**
    - Develop course content and manage all course activities in Cell Physiology, Gastrointestinal tract Physiology, Excitable Tissues, Respiratory Physiology and Neurophysiology to Bachelor of Medicine and Surgery, Bachelor of Pharmacy and Bachelor of Nursing degree programs. Formulated course structure and requirements.



- Develop course content and manage all course activities in Gastrointestinal Tract Physiology, Environmental Physiology and Neurophysiology to Postgraduate students in MSc Physiology and Anatomy degree programs.
- Provide a diverse learning experience for students that include video clips, group exploration, participant demonstrations, and instructor-led discussions.
- **Advising and Mentoring**
  - Meet personally with students to discuss course progress, future career plans, and effective study strategies.
  - Work with students to determine study needs and address problems creatively.
  - Guide new instructors on all course-related issues, including handling student academic problems, implementing interesting class demonstrations, using course-related technologies, and writing effective test questions.
  - Managed scientific research and academic education of undergraduate and Postgraduate students
- **Communication**
  - Prepare and present several lectures using multimedia technologies such as PowerPoint, video clips, and Moodle course website.
- **Assessment**
  - Develop and grade exams and quizzes that assess student mastery of subject matter.
  - Create assignments that provide opportunities to tie theory into students' lives and explore topics on their own.
- Senior Lecturer in Physiology, Kampala International University, Uganda - Oct 2005 to Sept, 2010**
  - Taught courses in Physiology (Cell Physiology, Gastrointestinal tract Physiology, Excitable Tissues, Respiratory Physiology and Neurophysiology) to Bachelor of Medicine and Surgery, Bachelor of Pharmacy and Bachelor of Nursing degree programs. Formulated course structure and requirements.
  - To supervise practical demonstrations regarding various physiological concepts
  - Coordinated the development of Undergraduate and Postgraduate Curriculum [integrated] in Physiology.

- **Lecturer in Physiology, Ahmadu Bello University Zaria, Nigeria - Nov 1996 to Sept, 2005**
  - Taught courses in Physiology (Cell Physiology, Gastrointestinal tract Physiology, Excitable Tissues, Endocrinology, Renal Physiology, Neurophysiology and Environmental Physiology) to Bachelor of Medicine and Surgery, Bachelor of Pharmacy, Bachelor of Nursing and Bachelor of Science in Physiology and Anatomy degree programs.
  - Supervised practical demonstrations regarding various physiological concepts.
  - Supervised final year projects of BSc Physiology and Anatomy degree programs.
  - Managed scientific research and academic education of undergraduate students.
  - Coordinator of BSc Physiology Degree Program [teaching and research].

### **Employment – Administrative Positions**

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- **Deputy Vice-Chancellor, Academic Affairs, Kampala International University, Uganda July 2008 to March 2010 and March 2014 to July 2015**
  - Responsible for University-wide policy and strategy related to academic programmes and teaching and learning and in particular, maintaining and advancing the University's academic.
  - Responsible for the administration of academic matters pertaining to the academic organization of the University, including examinations, undergraduate, postgraduate and research.
  - Advise the Vice-chancellor on decisions of policy matters and procedures relating to academic staff and student academic programs.
  - Supervise the work of deans and coordinate curriculum development exercise.
  - Oversee the processes of admission and registration, and academic record keeping.
  - Organize meetings of the Senate of the University and oversee the implementation of Senate decisions.
  - Coordinate the routine appointment of academic staff
  - Administer the system of staff appraisal, identify staff development needs and make relevant recommendations.

- Management of the Academic services group comprising the academic quality assurance unit, timetabling unit and teaching and learning committee
- **Deputy Vice-Chancellor, Western Campus, Kampala International University, Uganda – April 2010 to February 2014**
  - The academic and administrative head of Kampala International University Western Campus [the School of Health Sciences and the University Teaching Hospital are located on this Campus].
  - The accounting officer of both the University and the University's Teaching Hospital.
  - Contribute to the corporate management of Kampala International University Western Campus in matters of policy formulation and implementation.
  - Ensure good administration and organization of all academic matters including curriculum development, undergraduate and postgraduate studies, examinations, admissions, academic record keeping, research and publications at Kampala International University Western Campus
  - Oversee holistic hospital care services and ensure proper management of the Kampala International University Teaching Hospital and its activities.
  - Oversee the system of staff recruitment, appraisal, training and development, with relevant recommendations to the Vice Chancellor.
  - Advise the University Management on the physical planning and development of University and Hospital fixed assets at the Western Campus.
  - Oversee the organization of academic ceremonies in the University calendar including admissions, graduation and others
- **Director of Academic Affairs/Assistant Deputy Vice Chancellor, Western Campus, Kampala International University, Uganda – January 2006 to June 2008**
  - Responsible the Deputy Vice Chancellor for maintaining the academic records of undergraduate and postgraduate students including student's registration, verification, identification, exam registration support materials, supervision of examination processes, recording of both coursework and final grades, processing and posting of examination results.
  - Assist the Deputy Vice Chancellor, Western Campus in running the Western campus of the University.

## Membership in Institutional Committees

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- Member, University Council of Kampala International University, Uganda - July 2008 to July 2015
- Member, Management Committee of Kampala International University, Uganda - July 2008 to July 2015
- Chairperson, Senate Examination Committee of Kampala International University, Uganda – March 2014 to July 2015
- Chairperson, Examination Malpractice and Staff Disciplinary Committee of Kampala International University, Uganda – March 2014 to July 2015
- Secretary, Scholarship Scheme of Kampala International University, Uganda – August 2014 to July 2015
- Chairperson, *Ad Hoc* Committee to resolve the issues raised by Uganda National Council of Higher Education on the 66 PhD Awarded by the University in 2011 and 2012
- Member, Research Policy Committee
- Member, Quality Assurance Committee
- Member, Teaching and Learning Committee
- Chairperson, University Teaching and Learning Improvement Committee – August 2014 to July 2015
- Chairperson, Admission Committee - August 2014 to July 2015
- Member, Research and Graduate Education Committee
- Chairperson, Academic Planning and Priorities Committee - August 2014 to July 2015
- Member, University Strategic Planning Committee
- Chairperson, Library Committee - August 2014 to July 2015
- Chairperson, KIU Western Campus Management Board
- Member, Curriculum Development Committee
- Member, Institutional Research Ethics Committee

### Memberships in Scientific Societies

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- Member, American Physiological Society - 2004 to 2010
- Member, Society of Neuroscientists of Africa - 2005 to Date
- Elected President, Society of Neuroscientists of Africa - 2015 to 2017
- Member, Physiological Society of Nigeria (PSN) – 2004 to Date

### Invited Lectures and Seminars

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- **February 2014 – March 2015:** Invited speaker to present a series of lectures on various topics in Neurophysiology: the science of the brain at various Café Scientifique organized meetings for various secondary schools in Uganda.
- **September 2014:** Invited speaker to present a paper on “Nomenclature of Academic Awards in Health Science Programs” at the Uganda National Council of Higher Education stakeholder’s meeting on Nomenclature of Academic Programs
- **August 2015:** Faculty in TReND in Africa/IBRO Summer Neuroscience school (3weeks) held at Kampala International University Dar es Salaam, Tanzania,
- **March 2015:** Faculty in IBRO School on Open Hardware, Durban, South Africa. (1 week)
- **August 2014:** Faculty in TReND in Africa/IBRO Summer Neuroscience school (3weeks) held at University of Dar es Salaam, Tanzania.
- **August 2013:** : Faculty in TReND in Africa/IBRO Summer Neuroscience school (3weeks) held at Kampala International University, Uganda.
- **June 2013:** Rabat, Morocco. Society of Neuroscientists in Africa – Symposium
- **August 2012 and 2013:** Attending Professional Meetings Successfully: Delivered during the Confederation of Medical Students from the East Africa Region conference [2012] and Academic Staff of Kampala International University, Main Campus
- **April 2013:** Neuroscience: the science of Brain; Delivered during Brain Master class for A Science Clubs organized by Biochemical Society, UK and Hosted by Mbarara University of Science and Technology

- **June 2013:** Data Analysis and Presentation delivered to a group of Postgraduate students drawn from Kampala International University and Makerere University Kampala.
- **April 2013 and June 2014:** Career Opportunities in Health Sciences; Delivered to A 'Level students from over 30 High Schools in Kampala at Main Hall, Kampala International University, Ggaba Road, Kansanga, Kampala.
- **August 2012:** Faculty in TReND in Africa/IBRO Summer Neuroscience school (3weeks) held at Kampala International University, Uganda.
- **October 2011:** Faculty in TReND in Africa/IBRO Summer Neuroscience school (3weeks) held at Kampala International University, Uganda.

### Community Service

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- **March 2015 –June 2017:** Chairperson, Organizing committee of Society for Neuroscience Africa meeting (SONA 2017), Kampala, Uganda. <http://sona2017.org/>
- **August 2012 - 2015:** Co-organizer of the 1<sup>st</sup> - 4<sup>th</sup> International Brain Research Organization (IBRO) School on Insect Neuroscience and *Drosophila* Neurogenetics. A summary of the courses can be found at ([www.TReNDinAfrica.org](http://www.TReNDinAfrica.org)) and other information about the course at <http://www.biologists.com/stories/inspiring-african-scientists/> or <http://www.cam.ac.uk/research/news/on-the-fly-african-summer-school-on-insect-neuroscience>
- **June 2012:** Co-organizer of a Two-week Course on Molecular Biology Techniques at School of Health Sciences, Kampala International University, Uganda. [www.molecularbiologyatkiu.blogspot.com](http://www.molecularbiologyatkiu.blogspot.com)
- **January 2012:** Co-founder, TReND (Teaching and Research in Neuroscience for Development) in Africa. TReND is a higher education charity organization dedicated to improving university level science education and research in sub-Saharan Africa. TReND seeks to foster scientific excellence and collaboration in the region through organizing local neuroscience courses for young African scientists. The Organization promote and coordinate the collection of monetary and equipment donations towards the

establishment of permanent research facilities at Africa's top universities. See <http://trendinafrica.org/who-are-we/people-new/>

- **October 2011:** Co-organized a course on Introduction to *Drosophila* neurogenetics at Kampala International University, Uganda. A summary of the course can be found at <http://drosophila-uganda.blogspot.ch/> and <http://www.trendinafrica.com/IBROCourse2011.html>

### **Undergraduate and Graduate Students Supervision**

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- Ajirotutu Mutiat Olasumbo, M.Sc. in Physiology - M.Sc. conferred 2015
- Owoola Akeem Gbolade, M.Sc. in Physiology - M.Sc. conferred 2015
- Barasa M. Ambrose, M.Sc. in Physiology - M.Sc. conferred 2015
- Okpanachi, O. Alfred, Ph. D in Physiology - ongoing
- Kambuğu Richard, Bachelor of Pharmacy – B. Pharm conferred 2013
- Nalunga Zainab, Bachelor of Pharmacy – B. Pharm conferred 2013

### **Publications**

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1. Adedeji, Ahmed A.; Ganiyu, Abideen A.; Kamyuka, Fredrick K.; Rukundo, Godfrey Z.; Oonge, Benjamin; Namulema, Jackie; Barigye, Celestine; **Yusuf, Sadiq**; Vicente-Crespo, Marta (2014): Prevalence, Age-Dependent Characteristics and Response to therapy of Patients with Mental, Neurologic and Substance Use Disorders Attending Kampala International University Teaching Hospital (KIUTH), Ishaka, Uganda. *Clinical Neuropsychiatry*. 11 (2), 68-75.
2. Adedeji A.A, J. Babirye, O. Nsooli, D. Kamowa, O. A. Tikare, A. G. Okoruwa, J. O. C. Ezeonwumelu, A. A. Ganiyu, C. P. Adiukwu, J. Namulema, C. Barigye, **S. Yusuf** and M. Vicente-Crespo (2014): Use of Mobile Phones for Monitoring Adverse Drug Reaction in Pharmacy and Drug Stores in Ishaka, Uganda - a Pilot Assessment of Willingness to Report. *British Journal of Pharmaceutical Research*. 4(19): 2245-2260. Available on [www.sciencedomain.org](http://www.sciencedomain.org)

3. **Sadiq Yusuf**, Tom Baden, Lucia L. Prieto-Godino (2013): Bridging the Gap: establishing the necessary infrastructure and knowledge for teaching and research in neuroscience in Africa. *Metab Brain Dis* (2014) 29:217–220
4. E.O. Balogun, J.A.B. Balogun, **S. Yusuf**, H.M. Inuwa, I.S. Ndams, P. Sheridan, D.K. Inaoka, T. Shiba, S. Harada, K. Kita, K.A.N. Esievo, A.J. Nok (2014): Anemia amelioration by lactose infusion during trypanosomosis could be associated with erythrocytes membrane de-galactosylation. *Veterinary Parasitology*. **199** (3-4): 259– 263. Available online 26 October 2013
5. Tom Baden, Lucia Prieto Godino, **Sadiq Yusuf**, Philipp Berens (2013): Neurosciences in Africa co-operation and prospects. *Neuroforum*. **2**:73-74. Article was originally published in German as “Neurowissenschaften in Afrika – Kooperationen und Perspektiven”
6. Baden, T., Palacios, I., Vicente, M., Bermudo, M. M., **Yusuf, S.**, & Godino, L. P. (2012). Higher Education in the Developing World: *Drosophila* Neurogenetics, Uganda. *INTED2012 Proceedings*, 5347-5347.
7. **Yusuf, S.**, Agunu A., Katung N. V and Umana U.E (2010): Ethanolic Leaf Extract of *Psidium Guajava* L. [Myrtaceae] Protects the Stomach against Ischemia-Reperfusion Induced Gastric Mucosal Injury. *Asian Journal of Medical Sciences* **1**: 1-3
8. **Yusuf, S.**, Aliyu, M and Ndanusa, R [2009]: Effect of aqueous extract of *Anacardium occidentale* (L) stem bark on sodium and chloride transport in the Rabbit colon. *Journal of Medicinal Plants Research*, **3**(6): 493 – 497
9. **Yusuf, S.**, Adelaiye, A.B and Agunu, A (2009): Effect of *Ziziphus mauritania* (L.) seed extracts on spatial recognition memory of rats as measured by the Y-maze test. *Journal of Natural Products*, **2**: 31-39
10. A. Agunu, **S Yusuf**, AA Ahmadu, M Bisalla (2008): Evaluation of hypoglycaemic and histopathological effects of “Diabetes 5 “ in rats. *Planta Med*, 74 - PA82. DOI: 10.1055/s-0028-1084080
11. **Yusuf, S.**, Adelaiye, A.B., Nok, A J., Ameh, D.A and Balogun, E.O [2008]: Gastric Mucus Secretion and Mucosal Injury in the Rat: Role of Acute Bilateral Adrenalectomy and Dopamine Granule Depletory Agent. *African Journal of Biotechnology*, **7** (17): 3143 - 3148



12. Suleiman, M. M., **Yusuf, S** (2008): Antidiarrheal Activity of the Fruits of *Vitex doniana* in Laboratory Animals. *Pharmaceutical Biology*, **46** (6): 387 – 392.
13. Tanko, Y., Mohammed A., **Yusuf, S.**, Usman, W., Saleh, M.I.A and Yerima, M (2007): A comparative study on plasma and erythrocyte sialic acid level in malaria patients and normal subjects. *Biological and Environmental Sciences Journal for the Tropics* **4** (2): 119-123.
14. Mohammed, M. S., Romanus, I.O and **Yusuf, S** (2007): Gastroprotective effect of the crude methanol extract of *Terminalia avicennioides* in rats. *Veterinarski Arhiv*, **77** (4): 345-354.
15. MM Suleiman, **S Yusuf**, EL, Amaechi (2006): Effect of Crude Methanol Extract of *Terminalia avicennioides* in Normal Gastric/Histamine-Induced HCl Secretions in Rats. *Journal of Herbs, Spices & Medicinal Plants*, **12** (4): 29-37. DOI: 10.1300/J044v12n04\_03
16. **Sadiq Yusuf**, Aisha Suleiman, Balarabe Sallau<sup>3</sup> and Mohammed (2006): Evaluation of the Protective Effects of Aloe vera (Liliacea) against Acute Gastric Mucosal Damage in Rats. *The FASEB Journal*, **20**: A1279
17. **Yusuf, S.A**, Nok, A.J., Ameh, D.A., Adelaiye, A.B. and Balogun, E.O. (2005): Correlation of Gastric Mucosal Damage with Sialic Acid Profile in Rats: Effects of Hydrochloric Acid, Pepsin and Hypertonic Saline. *Cell Biochemistry and Functions*, **23** (5): 339-345.
18. Agunu, A., Abdurahman, E.M., Shok, E and **Yusuf, S.A.** (2005): Analgesic activity of the roots and leaves extracts of *Calliandra portoricensis*. *Fitoterapia*, **76** (5): 442-445.
19. Agunu, A., **Yusuf, S.**, Andrew, G.O., Zezi, A.U and Abdurahman, E.M. (2005): Evaluation of five medicinal plants used in diarrhoea treatment in Nigeria. *Journal of Ethnopharmacology*, **101** (1-3): 27-30
20. **Yusuf, S.A.**, Agunu, A., and Mshelia D. (2004): The Effect of *Aloe Vera* A.Berger (Liliaceae) on Gastric Acid Secretion and Acute Gastric Mucosal Injury in Rats. *Journal of Ethnopharmacology*, **93** (1): 33-37.
21. **Yusuf, S.A**, Nok, A.J, Ameh, D.A., Adelaiye, A.B. and Balogun, E.O. (2004): Quantitative Changes in Gastric Mucus Glycoproteins: Effect of Cholinergic Agonist and Vagal Nerve Stimulation in Rats. *Neurogastroenterology and Motility* **16** (5): 613-619.

22. **Yusuf, S.A**, Mohammed, A and Omotosho, W.T (2003): The Effect of Aqueous Root Extract of *Watherian Indica* on Gastrointestinal Tract Smooth Muscle and Transit Time in Rats. *Nigerian Journal of Health and Biomedical Sciences*, **2** (1): 27-30.
23. **Yusuf, S. A**, Ali, M. A., Ameh, D. A and Sheriff, M (1997): Basal Gastric Acid Secretion and Mucin Fractions in Peptic Ulcer Patients and Healthy Controls. *Journal of Medical and Allied Sciences*, **1**(3), 10-13.

### Conference Attended

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1. 12<sup>th</sup> International Conference of the Society of Neuroscientists of Africa (SONA), Durban, South Africa 26 – 30<sup>th</sup> March 2015
2. 11<sup>th</sup> International Conference of the Society of Neuroscientists of Africa (SONA), Rabat Morocco, 13th-18th June 2013
3. Society for Neuroscience 2008, November 15-19, 2008, Washington Convention Center, Washington DC, USA
4. Experimental Biology 2006, April 1-5 2006, Moscone Convention Center, San Francisco, California, USA
5. 24<sup>th</sup> Annual Scientific Conference of Physiological Society of Nigeria, 16<sup>th</sup> -17<sup>th</sup>, September 2004, Delta State University Abraka, Nigeria
6. 6<sup>th</sup> Biennial Conference of the Society of Neuroscientists of Africa (SONA), 27- 30<sup>th</sup> April 2003, Abuja- Nigeria
7. 23<sup>rd</sup> Annual Scientific Conference of Physiological Society of Nigeria, 4<sup>th</sup> -5<sup>th</sup>, December 2003, University of Lagos, Idi-Araba, Lagos-Nigeria
8. 22<sup>nd</sup> Annual Scientific Conference of the Nigeria Society of Biochemistry and Molecular Biology, 18<sup>th</sup> -22<sup>nd</sup> September 2002, Ahmadu Bello University, Zaria, Nigeria
9. 22<sup>nd</sup> Annual Scientific Conference of Physiological Society of Nigeria, 12-13<sup>th</sup>, 2001, University of Ibadan, Ibadan-Nigeria

10. 21<sup>st</sup> Annual Scientific Conference of Physiological Society of Nigeria, 9<sup>th</sup>- 11<sup>th</sup> November 2000, Ahmadu Bello University, Zaria-Nigeria
11. 25<sup>th</sup> Annual Regional Conference of the West African Society of Pharmacology, 20<sup>th</sup> – 24<sup>th</sup> October 1998, Ahmadu Bello University, Zaria-Nigeria.

### **Extracurricular Activities**

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Many of my extracurricular activities revolve around sports including swimming, running and lawn tennis. I am also interested in helping to raise money for charities such as neuroscience research for development. I have participated in sponsored walks, and also helped the local Rotary Club to raise money for charities by selling raffle tickets. Music is another interest of mine and I have attended several music venues concerts.