

# OLAYAKI, A. Luqman O.

---

## **CONTACT**

Biosciences Research Education and Advisory Centre

20 Road D, FHE, Bajabure Phase 1

Yola, Nigeria

Tel: +2347032508107

Email: [admin@breacnigeria.org](mailto:admin@breacnigeria.org), [olayaki@gmail.com](mailto:olayaki@gmail.com)

## **CURRENT POSITION**

- **Researcher** - Bioscience Research Education and Advisory Centre, Yola, Nigeria (05/2014 – till date)

## **CONCURRENT POSITION**

- **Senior Lecturer** – Department of Physiology, College of Medicine, University of Ilorin, Nigeria

## **ACADEMIC BACKGROUND**

- 2011 Ph.D. (Physiology) (University of Ilorin, Ilorin)
- 2004 M.Sc. (Physiology) (University of Lagos, Lagos)
- 1998 MBBS (Ahmadu Bello University, Zaria)
- 1990 IJMB A'Level (Kwara State Polytechnic, Ilorin)
- 1987 W.A.S.C. (Secondary Commercial School, Agbeku)

## **SCHOLARSHIPS AND AWARDS**

- Staff Development Award of University of Ilorin, Ilorin (2005-2009)
- Endocrine Society Scholarship Award and Travel Grant to attend the , 94<sup>th</sup> Annual Meeting, Houston, USA (2012)
- IDF/EASD/ADA Scholarship Award and Travel Grant to attend 7<sup>th</sup> Advanced Clinical Postgraduate Course, Stellenbosch, South Africa (2012)
- International Union of Physiological Sciences (IUPS) Travel Awards to 37<sup>th</sup> Congress in Birmingham, United Kingdom (2013)

## **SELECTED RESEARCH PUBLICATIONS**

1. **Olayaki L.A.**, Okesina K.B., Abioye A.I.R., Ajao M.S., Olawepo A., and Biliaminu S.A. (2012). L-Tryptophan Reduces Creatinine Clearance in Alloxan-Induced Diabetic Rats. *The Tropical Journal of Health Sciences*. 17(1):1-4. Published by College of Health Sciences, University of Ilorin. Available online at <http://www.ajol.info/index.php/tjhc>
2. Oguntoye S.O., Kolawole O.M., Adebayo E.A., Aladetuyi A., Ugwu F., and **Olayaki L.A.** (2011). Quantitative Phytochemical Analysis and Antidiabetic Effect of the Alcoholic Stem Bark Extract of *Nauclea Latifolia*. *Nig J Pure & Appl Sci* 24:2264-2269. Published by Faculty of Science, University of Ilorin, Ilorin, Nigeria. Available online at <http://www.ajol.info/index.php/biokem>
3. **Olayaki, L.A.** & Soladoye, A.O. (2011): Melatonin Improves Antioxidant Status and Foetal Outcome in Pregnant Diabetic Rats. *Diabetes Technology and Therapeutics* 13(2):86. Published by Ann Liebert Inc. (USA). Available online at <http://www.liebertpub.com/dia>
4. **Olayaki L.A.** & Soladoye A.O. (2011): Antioxidant Effects of Tryptophan on Selected Tissues in Diabetic Wistar Rats. *The FASEB Journal* 25:831.11. Published by The Federation of American Societies for Experimental Biology. Available online at <http://www.fasebj.org>
5. Ajao, M.S., Adepoju, O.O., **Olayaki, L.A.**, Olawepo, A., Adefolaju, G.A., Jimoh, S.A. & Abioye, A.I. (2011): Physical Reactions of Nigerian Health Sciences Students to Formaldehyde Used as cadavers Preservatives. *Research Journal of Applied Sciences* 6(1):20-24. Available online at <http://www.medwelljournals.com>
6. Ghazal, O.K., Ashaolu, J.O., Jimoh, A.A.G. & **Olayaki, L.A.** (2010): Peace and Security Issues: Biomedical Perspectives. In: **Dynamics of Peace and Progresses**. I.O. Albert & I.O. Oloyede (eds). 533-539. Published by Centre for Peace and Strategic Studies, University of Ilorin, Ilorin.
7. **Olayaki, L.A.**, O.K. Ibrahim & Soladoye, A.O. (2010): Hepatoprotective Effect of Short-Day Photoperiod Against Carbontetrachloride-Induced Hepatic Damage in Rats. *Nigerian Journal of Physiological Sciences*. 25(2):204-205. Published by the Physiological Society of Nigeria. Available online at <http://www.biolineinternational.org.br/nips>; <http://www.ajol.info/journals.nips>
8. Ayinla, M.T., Soladoye, A.O., **Olayaki, L.A.** & Sulaiman, S.O. (2010): Effect of Aqueous Seed Extract of *Nigella sativa* on Some Haematological Values, Lipid Peroxidation and Osmotic Fragility Changes in Alloxan-induced Diabetic Rats. *The Tropical Journal of Health Sciences*. 17(1):20-24. Published by College of Health Sciences, University of Ilorin. Available online at <http://www.ajol.info/index.php/tjhc>
9. Salman, T.M., **Olayaki, L.A.**, Shittu, S.T. & Bamigboye, S.O. (2010): Serum testosterone concentration in chloroquine-treated rats: effects of ascorbic acid and alphas-tocopherol. *African Journal of Biotechnology*. 9(27):4278-4281. Published by Academic Journals, Nairobi, Kenya. Available online at <http://www.academicjournals.org/AJB>
10. Ajao, M.S., Olawepo, A., Falaiye, M., Adefolaju, A.G., **Olayaki, L.A.**, Jimoh, S.A. & Abioye, A.I. (2010): Knowledge of Nigerian Laboratory Technologists and Mortuary Attendants on Various Methods of Embalming Techniques. *Int J Biol Chem Sci*. 4(5):1575-1581. Published by Faculty of Science, University of Dschang, Cameroon.

11. **Olayaki, L.A.** & Soladoye, A.O. (2009): Effect of Melatonin on Glutathione Peroxidase and Fetal Outcome in Alloxan-induced Diabetic Rats. *The Journal of Physiological Sciences* 59(1):230. Published by International Union of Physiological Sciences and The Physiological Society of Japan. Available online at <http://www.springer.com>
12. **Olayaki L.A.**, Olatunji-Bello I.I., Soladoye A.O., Jimoh O.R., Ghazal O. and M. Ighodalo (2009). Effects Of Aqueous Leaf Extract Of *Cajanus Cajan* On Litter Size And Serum Progesterone In Pregnant Rats. *Journal of Pharmacology and Phytotherapy*. 1(2):21-24. Published by Academic Journals, Nairobi, Kenya. Available online at <http://www.academicjournals.org/JPP>
13. Ajao M.S., **Olayaki L.A.**, Oshiba O.J., Jimoh O.R., Jimoh S.A., Olawepo A., and A.I.R. Abioye (2009). Comparative Study of the Hypoglycemic Effects of Coconut Water Extract of *Picralima nitida* Seeds (Apocynaceae) and Daonil in Alloxan-Induced Diabetic Albino Rats. *African Journal of Biotechnology* 8(4):574-576. Published by Academic Journals, Nairobi, Kenya. Available online at <http://www.academicjournals.org/AJB>
14. Ajao, M.S., Abdullahi, S., Jimoh, S.A., Olawepo, A. & **Olayaki, L.A.** (2008): The Causes of shortage of Cadavers in Medical Schools Across Nigeria. *The Tropical Journal of Health Sciences*. 15(1):1-4. Published by College of Health Sciences, University of Ilorin. Available online at <http://www.ajol.info/index.php/tjhc>
15. Ajao, M.S., Olawepo, A., **Olayaki, L.A.**, Duru, F.I.O., Okanlawon, A.O. & Noronha, C.C. (2008): A Comparative Study Of The Protective Effect Of Jubi Formula And Melatonin On Acute Acetaminophen Induced Liver Damage In Sprague-Dawley Rats. *The Tropical Journal of Health Sciences*. 15(1):78-81. Published by College of Health Sciences, University of Ilorin. Available online at <http://www.ajol.info/index.php/tjhc>
16. **Olayaki, L.A.**, Salman, T.M., . Ayinla, M.T., Soladoye, A.O. & Ajao, M.S. (2008): Plasma Magnesium and Cardiovascular Changes During Menstrual Cycle in Young Nigerians Women. *The Tropical Journal of Health Sciences*. 15(2):24-28. Published by College of Health Sciences, University of Ilorin. Available online at <http://www.ajol.info/index.php/tjhc>
17. **Olayaki, L.A.**, Salman, T.M., Jimoh, A.A.G., Iduh, G. & Soladoye, A.O. (2008): Effects of Photoperiod on Some Haematological Indices in Rats. *Nigerian Journal of Health and Biomedical Sciences*. 7(1):11-14. Published by Department of Physiology, Lagos State University College of Medicine, Lagos. Available online at [www.ajol.info/index.php/njhbs](http://www.ajol.info/index.php/njhbs)
18. **Olayaki, L.A.**, Edeoja, E.O., Jimoh, O.R., Ghazal, O.K., Olawepo, A.O., Jimoh, A.G. & Biliaminu, S.A. (2008): Effects of Cigarette Smoking on Urinary Testosterone Excretion in Men. *Biokemistri*. 20(1):29-32. Published by Nigerian Society for Experimental Biology, Uyo, Nigeria. Available online at <http://www.ajol.info/index.php/biokem>
19. **Olayaki L.A.**, Soladoye A.O., Salman T.M., & Joraiah B. (2008). Effects of Photoperiod on Testicular Functions in Male Rats. *Nigerian Journal of Physiological Sciences*. 23(1-2):27-30. Published by the Physiological Society of Nigeria. Available online at <http://www.biolineinternational.org.br/nips>; <http://www.ajol.info/journals.nips>

20. Jimoh, O. R., Olaore, J., **Olayaki, L.A.**, Olawepo, A. & Biliaminu, S.A. (2008): Effects Of Aqueous Extract Of *Ocimum Gratissimum* On Haematological Parameters Of Wistar Rats. **Biokemistri**. 20(1):33-37. Published by Nigerian Society for Experimental Biology, Uyo, Nigeria. Online address: <http://www.ajol.info/index.php/biokem>
  
21. **Olayaki L.A.**, Ajao M.S, Jimoh A.A.G., Aremu I.T. and Soladoye A.O. (2008). Effect of Vitamin C on Malondialdehyde (MDA) in Pregnant Nigerian Women. **Journal of Basic and Applied Sciences** 4(2):73-76. Published by the Faculty of Pharmacy, University of Karachi, Pakistan. Online address: <http://www.jbaas.com>
  
22. Salman T.M., **Olayaki L.A.** and Oyeyemi W.A. (2008). Aqueous Extract of *Telfairia occidentalis* Reduces Blood Sugar and Increases Haematological and Reproductive Indices in Male Rats. **African Journal of Biotechnology** 7(14):2299-2303. Published by Academic Journals, Nairobi, Kenya. Online address: <http://www.academicjournals.org/AJB>
  
23. **Olayaki, L.A.**, Jimoh, A.A.G., Salman, T.M., Olumeyan, C.I. & Soladoye, A.O. (2008): Effect of Vitamin C on Glutathione Peroxidase Activities in Pregnant Nigerian Women-An Ilorin Study. **Nigerian Medical Practitioner**. 53(1/2):3-6. Published by SAME Ventures, Lagos. Available online at <http://www.ajol.info/index.php/nmp>
  
24. **Olayaki, L.A.**, Soladoye, A.O., Jimoh, O.R. & Olawepo, A. (2007): Effects of Roasted Yam (*Ciscorea rotundata* Poir.) on Erythrocyte Osmotic Fragility and Other Hematologic Values in Male Albino Rats. **Biokemistri** 19(2):49-52. Published by Nigerian Society for Experimental Biology, Uyo, Nigeria. Available online at <http://www.ajol.info/index.php/biokem>
  
25. **Olayaki, L.A.**, Ajibade, K.S., Gesua, S.S. & Soladoye, A.O. (2007): Effect of *Zingiber officinale* on Some Hematologic Values in Alloxan-Induced Diabetic Rats. **Pharmaceutical Biology**. 45:556-559. Published by Taylor and Francis, Netherlands. Available online at [informahealthcare.com/loi/phb](http://informahealthcare.com/loi/phb)
  
26. **Olayaki L.A.**, Ajao M.S., Ayo J., Ayinla M.T. and Soladoye A.O. (2007). Plasma Calcium Ion and Some Cardiovascular Changes During Phases of Menstrual Cycle in Young Premenopausal Nigerian Women. **Research Journal of Medical Sciences**. 1(5):267-270. Published by Medwell Journals, Pakistan. Available online at [medwellonline.com](http://medwellonline.com)
  
27. **Olayaki, L.A.**, Soladoye, A.O., Salman, T.M. & Joraiah, B. (2006): Effects of Photoperiod on Reproductive Functions in Male Rats. **Nigerian Journal of Physiological Sciences**. 21(1-2): 121. Published by the Physiological Society of Nigeria. Available online at <http://www.biolineinternational.org.br/nips>; <http://www.ajol.info/journals.nips>
  
28. Olatunji, L.A., **Olayaki, L.A.** & Soladoye, A.O. (2004): Effects of Acute Vitamin C Ingestion on Cardiovascular Responses to Head-up Tilt or Cold Pressure Test in Healthy Men. **Nigerian Journal of Physiological Sciences**. 19(1-2):108. Published by the Physiological Society of Nigeria. Available online at <http://www.biolineinternational.org.br/nips>; <http://www.ajol.info/journals.nips>