



Dr. David Ofusori



Nigeria

Anatomy & Cell Biology

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I work on Hair, Nail and Serum Trace Elements Concentrations in Normotensive and Pre-eclamptic Pregnant Women. I completed my Ph.D in Nigeria on Evaluation of Anti-diabetic Effects of Ethanolic Extract of Croton zambesicus (Müll.-Arg) Leaf on the Stomach in Streptozotocin-Induced Diabetic Rats

As a basic Anatomist with specialty in gastroenterology, Electron microscopy, Immunohistochemistry and trado-medical research, we investigated the ameliorative effects of some plants extracts on gastric mucosa damage caused by necrotizing agents.

CURRENT RESEARCH

Topic	Methodology	Application
Hair, Nail and Serum Trace Elements Concentrations in Normotensive and Pre-eclamptic Pregnant Women	<ul style="list-style-type: none">Atomic absorption spectrophotometerICP-MS Inverse ANOVA tests with Bonferroni adjusted post-hoc tests will be used to determine if a significant difference exists and between which groups that difference is found. A p value of <0.05 will be considered as statistically significant.	The interactions in the levels of Zn, Mg, Fe, Ca, phosphate, parathyroid hormone, vitamin D and albumin in the serum and Zn, Mg, Fe, Ca, phosphate in the nail and hair may play an important role in the pathogenesis of pre eclampsia or impact on its management

UKZN Publications

- **D A. Ofusori**, O. O. Azu, E C Naidu, J. S. Naidu. Shape variation of suprascapular notch in South African scapulae (In press).
- O. O. Azu, **D A. Ofusori**, E C Naidu, J. S. Naidu. Ossification of the Superior transverse ligament in a South African scapula: A factor to be considered in the diagnosis of suprascapular nerve entrapment (In press).

Past Researches

- **David A. Ofusori**, Omobola A. Komolafe, Olarinde S. Adewole, Efere M. Obuotor, Julius B. Fakunle, Abiodun O. Ayoka. Effect of ethanolic leaf extract of Croton zambesicus (Müll. Arg.) on lipid profile in Streptozotocin-induced diabetic rats. Diabetologia Croatica 41-2, 69-76, 2012
- **David A. Ofusori**, Omobola A Komolafe and Stephen O Adewole. Ethanolic Leaf Extract of Croton zambesicus (Müll. Arg.) Improves Gastric Emptying Capacity and Gastric Mucosa Integrity in Streptozotocin-induced Diabetic Rats. International Journal of Diabetes Research, 1(4): 58-67, 2012
- O. A Komolafe, **D. A Ofusori**, O. S Adewole, A. O, A. O Ayoka, Bejide R. Histological and Histochemical Studies of the Aorta and Pulmonary Trunk in STZ-induced Diabetic Wistar Rats Treated with Momordica charantia. Int. J. Morphol., 31(2):716-723, 2013.

Future Interests

Research in Gastroenterology, Toxicology, Electron Microscopy, Immuno-histochemistry, Comparative Anatomy and Trado-Medical Research.

Participation in preeclampsia research group.

Extra Interests

Reading, researching and playing table tennis