**CURRICULUM VITAE**

**ESOSA SAMUEL UHUNMWANGHO, PhD**

**Section A: General Information:**

SURNAME: UHUNMWANGHO

OTHER NAMES: ESOSA SAMUEL

SEX: MALE

NATIONALITY: NIGERIAN

RELIGION: CHRISTIANITY

CONTACT ADDRESS: DEPARTMENT OF BIOCHEMISTRY,

FACULTY OF BASIC MEDICAL SCIENCES, UNIVERSITY OF MEDICAL SCIENCE, (UNIMED), ONDO. NIGERIA.

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**Section B: Qualifications**

**(a). Academic Qualifications:**

1. B.Sc. (Hons) Biochemistry (1998), University of Ibadan, Ibadan, Nigeria.
2. M.Sc. Biochemistry (2001), University of Ibadan, Ibadan Nigeria.
3. Ph.D Biochemistry (2015), Igbinedion University, Okada, Nigeria.

**(b). Teaching and Professional Experiences:**

* **Assistant Lecturer**, Drug Metabolism & Toxicology Unit, Department of Biochemistry, Igbinedion University, Okada, Nigeria (2001-2005).
* **Lecturer II**, Drug Metabolism & Toxicology Unit, Department of Biochemistry, Igbinedion University, Okada, Nigeria (2005-2010).
* **Lecturer I,** Bioactive Lipids in cancer& Toxicology Unit, Department of Biochemistry, Igbinedion University, Okada, Nigeria (2015).
* **Senior Lecturer,** Bioactive Lipids in cancer & Toxicology Unit, Department of Biochemistry, University of Medical Sciences, Ondo, Nigeria (2015 – till date)

**(C). Administrative experience:**

1. **Head of Department,** Dept. of Biochemistry (UNIMED 2015 –Till Date)
2. **Sub-Dean**, Faculty of Basic Medical Sciences, UNIMED 2016 - Till Date
3. **Ag. Dean,** Faculty of Basic Medical Science, UNIMED (March - April 2016)
4. **Post Graduate Coordinator**, Faculty of Basic Medical Sc. UNIMED
5. **Chairman,** UNIMED seminar committee (2016 – Till date)
6. **Chairman**  time-table committee FBMS
7. **Coordinator,** SIWES program UNIMED
8. **FBMS Representative**, PG curriculum committee, UNIMED
9. **Member,** UNIMED committee for Research and ethics

**(d). Research Interest/Area of specialization**

**- Bioactive Lipids in Cancer and Toxicology**

**(e). Courses Taught:**

* I have taught for 16 years (2001-Till date)
* **Undergraduate Level**: General Biochemistry; Metabolism of Carbohydrates; Enzymology; Biochemistry of organs and Tissues; Clinical Biochemistry; Plant Biochemistry;Metabolism of Nucleic acids; Metabolism of lipids; Xenobiochemistry; Clinical and Forensic Biochemistry; Molecular Biology and Biotechnology.
* **Postgraduate Level**: General Biochemistry; Clinical Biochemistry & Biochemical Pharmacology and Advanced Molecular Biology.

**(f). Postgraduate Supervision:**

* **Supervised one (1) M.Sc. Student with dissertation titled:**

Antioxidative and hepatoprotective effect of extracts of *Alchornea laxiflora* leaves and root in Sodium arsenate treated rats (2016).

**(g). Undergraduate Supervision:**

Supervised over 40 undergraduate students’ projects from 2005 till date.

**(h). External examiner:**

**. Ladoke Akintola University Ogbomoso (LAUTECH), ( Masters students)**

**. Igbinedion University, Okada. (undergraduate students)**

**(i). On**-**going Research:**

* Extraction, characterization and fatty acid composition of seeds and fruits oils of some local plants.
* Biochemical and molecular basis of anti-cancer effect of *Tetracarpidium conophorum* fruit oils.

**(j). Workshops & Conferences Attended:**

1. Nigerian Society of Biochemistry and Molecular Biology (NSBMB) 23rd Annual Conference (December 1 – 4, 2003), University of Ilorin, Ilorin.
2. Third Unibadan Conference of Biomedical Research (July 24 – 27, 2012), Conference Centre, University of Ibadan, Ibadan.
3. Fourth Unibadan Conference of Biomedical Research (July 1 - 4, 2014), Conference Centre, University of Ibadan, Ibadan. Papers presented Chemical Properties and Fatty Acid Composition of *Dacryodes edulis* (African Pear) Pulp and *Tetracarpidium conophorum* (African Walnut) Nut at Different Stages of Development
4. Nigerian Society of Biochemistry and Molecular Biology (NSBMB) 33rd Annual Conference (November 11 - 14, 2014), University of Ilorin, Ilorin, Kwara State. Papers presented: Comparative study of antioxidant activity and hepatoprotective effect of extracts of *Tetracarpidium conophorum* and *Dacryodes edulis* on sodium arsenate exposed rats.
5. 10th Federation of African Society of Biochemistry and Molecular Biology (FASBMB) Congress.Annual Conference (November 2 - 5, 2015), Federal University of Technology, Minna, Niger State.
6. The 34thNigerian Society of Biochemistry and Molecular Biology (NSBMB) Annual Conference (November 2 - 5, 2015), Federal University of Technology, Minna, Niger State.
7. UNIMED Short Course in Master Grant Proposal Writing and Financial Management in Tertiary Institutions (August 22nd – 24th, 2016).
8. The 35th Nigerian Society of Biochemistry and Molecular Biology (NSBMB) Annual Conference (November 2 - 5, 2016), Covenant University, Ota Ogun State.

**PUBLICATIONS**

1. Uhunmwangho, S.E., Olatunde farombi, Stanley Adoro and Adekoya Remi, (2001). Rat liver microsomal lipid peroxidation increased by anti-malaria drug in the presence of oxidant.*Bioscience Report*, UK. 21(3):353-359.
2. **E. Samuel Uhunmwangho,** Farombi, E.O., Ogundipe, O.O., Adeyanju, A.A, Moody, J.O. (2003): Antioxidant properties of Extractsfrom *Alchornea Laxiflora* (bench) pax and hoffman. *Phytotherapy Research* 17:713 -716.
3. Nwangwu spencer, C., Ike Francisca, Olley Misan., Oke James., **Uhunmwangho Esosa.** (2009): Effects of ethaolic and aqueous leaf extractof Landophia*owariensis* on the serum Lipid profile of rats: *African journal of biochemistry research*: Vol. 3(4):136-139.
4. Olayemi Adegbolagun ; Fatai Balogun and **Uhunmwangho Samuel,** (2009): *Invivo* evaluation of the co- administration of chloroquine and ciprofloxacin on P.berghei infected Albino mice:*Asian journal ofpharmaceutical and clinical research*. 2(4): 69 – 76.
5. Nwangu Spencer, Adeyekun Felix, **Uhunmwangho S. Esosa**, Madu Michael, Ufosori David, Uwangu Udoka, Njoya Helen and Josiah Sunday. (2009): Haemolytic effects and changes in serum enzymes in normal rats exposed to halophantrine hydrochloride overdose. *African Journal of Pharmacy and Pharmacology,* Vol. 3(11):556-559
6. Omage kingsley; **Uhunmwangho Esosa** and Idokpesi Georginah. (2010). Evaluation of the antioxidant properties of aqueous and non-aqueous extracts of Garcinia Kola seeds in Wistar Rats. *Res.J .Biological Sci.,* 5 (10): 647-649.
7. Josiah Sunday;**Uhunmwangho Esosa**; Spencer Nwangu; Njoya Helen(2010):

Protective role of aqueous extract of *Hibiscus sabdariffa* (carlyx) against bromate induced tissue damage in Wister rats. *African journal of biochemistry research.*Vol.9 (21): 3218-3222.

1. Omage Kingsley; Idokpesi O. Georginal**; Uhunmwangho S. Esosa;** Josiah J. Sunday and Ajiegbe O. Kazeem (2011): Evaluation of hypoglycemic and antioxidative properties of aqueous extract of garcinia kola seeds in Wister rats*. Current Research Journal of Biological Sc.3(4): 326-329.*
2. Omage Kingsley; **Uhunmwangho S. Esosa** ; Josiah J. Sunday; Njoya Helen; Spenser Nwangu; Asuk O and Idokpesi O. Gorginal (2011): Effect of *Acalypha wilkesiana* on activities of some liver function enzymes and body weight of normal Rabbits. *Pakistan Journal of Nutrition. 10(6*):552-554.
3. *Omage Kingsley; Onoagbe,O ;Erifeta O georgina;* ***Uhunmwangho S. Esosa****; Ajiegbe O. Kazeem and Amegor O.Frank (2011.) Effects of aqueous root extracts of Treculia Africana 0n blood glucose, lipid profile and body weight changes of streptozotocin-induced diabetic and normal rats. Int’l J. of plant Physiology and Biochemistry, vol.3 (10):169-175.*
4. Nwangwu, C.O. Spencer, Josiah J. Sunday, Omage K., Erifeta, O. Gorgina, Asuk A. Agbor, **Uhunmwangho S. Esosa** and O. Jenevieve. (2011): Comparative stabilizing effects of some anticoagulants on fasting blood glucose of diabetics and non-diabetics, determined by spectrophotometary (glucose oxidase). *Asia Journal of Medical Sciences* 3(6): 234-236.
5. Erifeta O. Gorgina; Omage Kingsley; **Uhunmwangho S. Esosa**; Njoya K. Helen; Amegor Frank and Okonkwo Anthony: (*2012): Comparative evaluation of antioxidant effects of watermelon and orange, and their effects on some serum lipid profile of Wister albino rats.Int’l J.of Nutrition and metabolism. Vol.3 (8): 97-102.*
6. S.J Josiah , S.C.O Nwangwu, A.A. Akintola, Abaja Vivian, G.O. Erifeta, A.A. Asuk and **S.E. Uhunmwangho(**2011)*:*Protective role of Water Extract of unripe pulp of Carica papaya (fruits) Against a Potassium Bromate Induced Tissue Damage in Wister Rats. *British Journal of Pharmacology and Toxicology 2(4):205-208.*
7. Usunobun Usunomena, Josiah.J Sunday, Nwangwu Spenser, **Uhunmwangho S. Esosa,** Omage Kingsley and Madagwu N. Emmanuel, (2011): Toxicity evaluation of the Liver and *in vitro* metabolism in Wister Rats on exposure to N-nitrosamine precursors. *British Journal of Pharmacology and Toxicology, vol.2(3)138-142.*
8. **Uhunmwangho, E.S**., Omage, K., Erifeta, O.G., Josiah, S.J. and Nwangwu, C.O.S. (2013): Possible reversal of Arsenate-induced liver toxicity by hexane leaf extract of *Alchornea laxiflora*. Asian Journal of Medical Sciences 5(1): 03-08.
9. Samson, S.E., Mitsan, O., **Uhunmwangho, S.E**., Yomi, R.A., Alfred, F.E. and Comfort, B.E. (2014): Antibacterial activity of methanolic leaf extract of *Plukenetia conophorum* Mull. Arg. against selected bacteria isolated from urinary tract infection. *Interl. J. of Micro. and Application.* 1(1): 1-10.
10. **Uhunmwangho, E. S.,** Rasaq, N. O. and Ojemekele, O. (2016). Protective Effect of *Alchornea laxiflora* Methanolic Leaf Extract on CCL4-induced Hepatotoxicity and Reproductive Toxicity in Male Wistar Rats. *British Journal of Pharmaceutical Research. 14(1): 1-7,*
11. **Esosa Uhunmwangho**, Osebhahiemen Ojemekele, Aanuoluwa Salemcity (2017).Effects of MethanolLeaf Extract of *Alchornea laxiflora* on Antioxidant Enzymes, Triacylglycerol and Cholesterol Levels in Male Wistar Rats. ***International Journal of Life Sciences Research,*** Vol. 5(2) 93-97 [**www.researchpublish.com**](http://www.researchpublish.com).
12. **Esosa Samuel Uhunmwangho,** Nurudeen Olajide Rasaq, Iyanuoluwa Olubukola Osikoya (2018). Hepatoprotective Effects of Hexane Root Extract of *Alchornea laxiflora* in Sodium Arsenate Toxicity in Wistar Albino Rats. CHRISMED J. Health Res 5:38-42.
13. **Esosa Samuel Uhunmwangho** and Ehimwenma Sheena Omoregie (2017).Antioxidant Properties Associated with the Biochemical Changes in the Development of African walnut (*Tetracarpidium conophorum*) Fruit. *Saudi Journal Life Sciences; Vol. 2 :217-229*
14. **Esosa Samuel Uhunmwangho** and Ehimwenma Sheena Omoregie (2017). Evaluation of Nutritive, Antinutritive and Mineral Content of T*etracarpidium conophorum* (African walnut) Seed Oil at Different Stages of Fruit Maturation. *Saudi J. life Sci.*,Vol. 2: 210 -216.
15. **Esosa Uhunmwangho** and Omoregie E.S. (2017): Chemical Properties and Fatty Acid Composition of *Dacryodes edulis* (African Pear) Pulp and *Tetracarpidium conophorum* (African Walnut) Nut at Different Stages of Development. *J. Pharmacy and Bioresourses* 14 (1): 1-5
16. **Uhunmwangho Samuel Esosa** and Omoregie Sheena Ehinmwenma. (2017): Changes in Lipid Profile and Fatty Acid Composition during the Development of African Walnut (*Tetracarpidium conophorum*) Seeds. *World applied Sciences Journal* 35(7): 1174-1179
17. **Uhunmwangho E.S.** and Omoregie E.S. (2017). Changes in Lipid Class and Fatty Acid Composition during the Development of African pear (*Dacryodes edulis*) fruit pulp. *Afr. J. Biochm. Res*.(gallery proof attached)
18. **Esosa Samuel Uhunmwangho** and Ehinmwenma Sheena Omoregie (2017).Evaluation of Chemical Composition of Dacryodes edulis (African pear) Seed oil at different stages of fruit maturation. *Afri. J. Food Sc*. (gallery proof attached)
19. **Uhunmwangho E.S.** and Omoregie E.S. (2018): Comparative Study of Antioxidant activity and hepato-protective effect of extracts of *Tetracarpidium conophorum* and *Dacryodes edulis* on sodium arsenate exposed rats. *Saudi J. Biochem. Research..3:50-55.*
20. **Uhunmwangho S. Esosa and Omoregie S. Ehimwenma** (2018). Isolation and Identification of Anthocyanins Rich Fractions of *Dacryodes edulis* (African pear) Fruit peels and their Antioxidant activity. *Saudi J. Biochem. Research.3: 66-70.*
21. Uhunmwangho E.S. and Omoregie E.S. (2018): Antioxidant Properties Associated With the Biochemical Changes in the Development of African pear (D*acryodes edulis*) Fruit. *Saudi journal of Biochemical Research. 3: 56-65.*
22. Onoriode Oyibororo, Kingsley A. Iteire and Esosa S. Uhunmwangho. (2019). Apotosis: from conception to birth – the many battles before we are born. European Journal of Pharmaceutical and Medical Research, 6(6): 304-313.