**DR SALEMCITY, Aanuoluwa James**

**POSITION:** SENIOR LECTURER

**PERSONAL DATA**

**Full Name:** AANUOLUWA JAMES SALEMCITY

**Details of Contact Address:** 4 Ona-Abayo Street, near Mother & Child Hospital, Ondo, Nigeria

**E-mail:** xityglory@gmail.com

**Phone number:** 08060406330/ 08054062011

**Nationality:** Nigerian

**State:** Ondo State

**Senatorial District:** Ondo North

**Local Government Area:** Akoko South West LGA

**Permanent home Addr. :** 4, Ona-Abayo str., Mother and Child Hospital, Ondo, Ondo State

**Marital Status:** Married

**Number of Children/ages:** 3/ 10years; 7years and 3years respectively

**Next of kin:** Mrs. Salemcity, Oluwatimilehin Goodness

**Details of Contact Addr. Of Next of Kin:**

 **E-mail:** 4, Ona-Abayo str., Mother and Child Hospital, Ondo, Ondo State

 **Mobile phone number:** 07038112379/09053867233

**Date of Assumption of Duty:** 1st Dec., 2015

**Rank/status on First Appointment:** Lecturer II/CONUASS 3/1

**Present status:** CONUASS 5/1

**Date of Last Promotion:** 1st October, 2019

**Present Salary Grade Level and Step:** CONUASS 5/1

**Date of Confirmation of Appointment:** 3rdDecember, 2018

**Faculty:** Faculty of Basic Medical Sciences

**Department:** Department of Biochemistry

**Educational Background:**

University of Ibadan, Oyo State Ph.D. Biochemistry 2023

University Of Ibadan, Oyo State M.Sc. Biochemistry 2011

Adekunle Ajasin University

Akungba-Akoko, Ondo State B.Sc. Biochemistry 2007

Success High School, Ikere-Ekiti, Ekiti State SSCE 2001

Maryhill Boys’ High School, Ado-Ekiti, Ekiti State SSCE 1998

Holy Trinity Primary School, Ado-Ekiti, Ekiti State 1992

**Academic/Professional Qualifications with Dates:**

* Nigerian Society of Biochemistry and Molecular Biology. 2015
* Digital Bridge Institute Certified data analyst 2017
* Training on international research collaboration

 University of Ibadan 2015

* Training on molecular Biology techniques, Covenant University, Ota, Ogun State 2008

**AWARD**

* Meritorious Service Award as the most outstanding Lecturer in Biochemistry, Salem University, Lokoja, Kogi State, 2014.
* Chancellor’s commendation on contribution to the University’s core value with article publications.

**WORK EXPERIENCE**

**Previous work experience Outside University of Medical Sciences, Ondo, Ondo State:**

* **Salem University, Lokoja, Kogi State, Nigeria. *Assistant Lecturer [2012- 2015]***

Courses taught:

* Food Biochemistry (BCH 311)
* Nutritional Biochemistry, (BCH 317)
* Carbohydrate Metabolism (BCH 315)
* Pharmacological Biochemistry (BCH 408)
* Genetic Engineering (BCH 406)
* Plant Biochemistry (BCH 411)
* Project Supervision (BSc. Students)
* Project co-supervision (5 MSc. Students)
* Chairman, Time-table committee
* Level Advisor

**University of Ibadan, Ibadan, Oyo State, Nigeria [2010- 2012]**

Laboratory Demonstrator

**American University of Nigeria, Yola by-pass, Adamawa State**

*Laboratory Technologist, Natural and Environmental Science, School of Arts and Science, American University of Nigeria* [2009]

Preparing laboratory practical, instructing students and operating all the available equipment.

Laboratory Assistant, School of Arts and Science, NES department, American university of Nigeria, Yola by-pass Adamawa State. (NYSC) March 2008- February 2009

Instructing students, preparing laboratory practical and operating all available equipment.

**Biology Instructor, ABTI Community School, Yola-by pass, Adamawa State. February- July, 2009**.

Teaching Grade 10 students biology.

**Assistant Laboratory Analyst, Abitoye Hospital, Ado-Ekiti, Ekiti State (Industrial Training)**

**December 2005- March 2006**.

Actively involved in sample collecting. Exposed to different medical laboratory tests like MP, PCV etc.

**Assistant Laboratory Analysts, Grace Medical Laboratory (IT).**

**December 2006- February 2007.**

Exposed to different medical laboratory tests like MP, PCV etc.

**Work experience in University of Medical Sciences, Ondo, Ondo State, Nigeria:**

* **University of Medical Sciences, Ondo, Ondo State, Nigeria. *Lecturer II* *[2015- till date]***

Courses taught:

* General Biochemistry II (BCM 212)
* Biochemistry for Allied Health Sciences (BCM 213)
* Carbohydrates and lipid metabolism (BCM 221)
* Biochemistry for medical students I (BCM 225)
* Biochemistry for medical students II (BCM 226)
* Applied Biochemistry: Metabolism of macromolecules (BCM 223)
* Immunochemistry (BCM 311)
* Membrane Biochemistry (BCM 312)
* Practical Biochemistry (BCM 315)
* Forensic Biochemistry (BCM 317)
* Molecular Biology (BCM 322)
* Toxicology (BCM 324)
* Metabolic Pathway (BCM 313)
* Industrial Biochemistry (BCM 417)
* Regulatory Mechanisms (BCM 410)
* Topics in Biotechnology (BCM 424)
* Tissue Biochemistry (BCM 412)
* Seminar supervision
* SIWES supervision
* Project supervision

**University Service**

Coordinator, Biochemistry, October, 2022- September, 2023.

Ag. HoD, Biochemistry, October, 2023- till date.

Course Adviser: 100 level 2017/2018 session

Practical Coordinator: 2016- 2022

Chairman, Disciplinary Committee

Faculty Postgraduate curriculum committee member 2016

Chairman, Embalmment Committee 2022- till date.

**Membership of Professional Bodies**

* NSBMB member
* Unibadan Biomedical Research member

**Publications:**

1. **Salemcity, A.J.,** Adeyemi, O., Iyanda, T.A. and Oladimeji, O. (2014). Toxicological assessment of consumption of benzene-polluted water on the heart and blood of albino rats. International Journal of Pharmaceutical Sciences and Research, 5(2); 572-577.
2. **Salemcity Aanuoluwa James**, Olakunle Oladimeji, Ojomenewu Esther Ukwedeh, Ayobami Mathew Olajuyin, Olabode Olufunso Olorunsogo (2014). Methanol extract of *Ocimum gratissimum* modulates the liver and kidney functions in CCl4-induced hepatotoxicity in albino rats. Int J Pharma Sci. Res; 5(2) 36-41.
3. **Salemcity, A.J,** V.O. Nwaneri-Chidozie, Oladimeji O, Ekpa Emmanuel, Olugbemi Titilope Blessing and Ukwedeh Ojomenewu(2014). Effect of methanol extract of *Ocimum gratissimum* leaves on Lipid peroxidation and Lipid profile Status in CCl4-induced hepatotoxicity in male albino rats. Euro. J. Biomed and Pharm. Sci.; 1(1), 21-27.
4. Siemuri, EO, Akintunde, JK and **Salemcity, AJ** (2015). Effect of sub-acute methanol extract treatment of *Calliandra portoricensis* root bark on antioxidant defense capacity in an experimental rat model. J.Basic and Clin. Phys. And Pharmocolgy; Vol. 26 (4), pp. 375-82.
5. V.O. Nwaneri-Chidozie, F.M. Idih, **A.J. Salemcity** and E. Ekpa (2015). Sub-acute toxicity studies of ethanol and N-hexane crude seed extracts of *Annona muricata* in Albino rats. FUTA Journal of Research in Sciences, 2015 (2): 281-291.
6. **Salemcity, A.J*.***Iyanda T.A and Oladimeji OOlajuyin Ayobami Matthew (2015). Toxicological evaluation of the effect of phenol-contaminated water on the liver of albino rats. CHRISMED J Health Res; 2:129-35.
7. V.O. Nwaneri-Chidozie, **A.J. Salemcity** (2016). Assessment of antioxidant activity of ethanol an n-hexane seed extracts of *Annona muricata* in rats. Jordan Journal of Biological Sciences 9 (4), pp 235-241.
8. **Salemcity A.J**., Attah A.T., Oladimeji O., Olajuyin A.M., Usifo G. and Audu T (2016). Comparative study of membrane-stabilizing activities of kolaviron, *Dryopteris filix-mas,* and *Ocimum gratissimum* extracts *Egyptian Pharm. Journal*; 15 (1) p 6-9.
9. Esosa Uhunmwangho, Osebhahiemen Ojemekele, **Aanuoluwa Salemcity** (2017). Effects of Methanol Leaf Extract of *Alchornea laxiflora* on Antioxidant Enzymes, Triacylglycerol and Cholesterol Levels in Male Wistar Rats. International Journal of Life Sciences Research ISSN 2348-3148 (online) Vol. 5, Issue 2, pp 93-7.
10. **Salemcity Aanuoluwa James,**Awe Sunday, Achem Jonah, Akor Palmer Ojonugwa and Abuh Ojima Victoria (2017). Phytochemical Screening, Mineral Content Analysis and Assessment of Antibacterial Activity of Methanol Extract of *Newbouldia laevis* Leaf” Saudi Journal of Pathology and Microbiology (SJPM) Volume-2: Issue-6, PP 192-196.
11. V.O. Nwaneri-Chidozie, **A.J. Salemcity,** S. Awe and S.C. Eke (2017). Effect of *Phoenix dactylifera* fruit wine produced by *Saccharomyces cerevisae* on the haematological and some biochemical parameters in albino rats. Haya: Saudi Journal of Life Sciences, vol 2(4), pp116-121.
12. S. Awe, **A.J., Salemcity**, E. Osebor, and V.O. Nwaneri-Chidozie (2017). Effect of *Phoenix dactylifera* (I) fruit wine produced by *Saccharomyces cerevisiae* on hepatic and renal function of albino rats. UNIOSUN Journal of Sciences, 2(2), 117-122.
13. **A.J. Salemcity**, Victoria Obiageli Nwaneri-Chidozie, Emmanuel Adameh, Magdalene Eno Effiong (2020). Antioxidant and Free Radical Scavenging Activity of *Newbouldia laevis* Leaf extracts (*in vitro*). Free Radicals and Antioxidants. 10(1):10-15.
14. **AJ Salemcity,** BO Omolaso, OS Ogegere & VO Oluokun (2021). Anti-ulcerogenic effect of methanol fraction of *Ocimum gratissimum* leaves extract and honey on indomethacin-induced gastric ulcer in rats. Egyptian Journal of Basic and Applied Sciences, 8 (1), 269–283.
15. L. Abubakar, **A.J. Salemcity**, O.K. Abass, A.M. Olajuyin (2021). The impacts of COVID-19 on environmental sustainability: A brief study in world context. Biosource Technology Reports, 15, 100713.
16. **AJ Salemcity**, TS Agbaje, ME Effiong, SO Asuelimen (2021). Aqueous Fraction of Ocimum gratissimum (L) Leaf Extract Protects Sperm Membrane Integrity in Plumbagin-induced Testicular Damage in Rats.  Free Radicals and Antioxidants, 11(2): 52-57.
17. **Salemcity, A.J,** Olanlokun, J.O, Olowofolahan, A.O, Olojo, F. O, Adegoke, A.M, Olorunsogo O.O(2023). Reversal of Mitochondrial Permeability Transition Pore and Pancreas Degeneration by Chloroform Fraction of *Ocimum gratissimum* Leaf Extract in Type 2 Diabetic Rat Model. *Frontier in Pharmacology*. doi: 10.3389/fphar.2023.1231826. 2023; 1-14.

**Contribution to Books**

Biochemistry Practical manual, UNIMED, pp 84-90

**Conferences, Seminars and Workshops Attended with Dates**

* Hands-on Training on Molecular Biology, Physoc, London, 2022
* Pedagogy Workshop, UNIMED, Ondo, Ondo State, Nigeria, 2021
* DrosoAfrica Workshop 12th – 14th October, 2020
* Researcher Academy On Campus 24 July, 2020
* African Centre of Excellence for Genomics of Infectious Diseases (ACEGID): Bioinformatics foundation training, 2019.
* Advanced Digital Appreciation Programme for Tertiary Institution (ADAPTI) Digital Bridge Institute, 2017.
* Advanced Digital Appreciation Programme for Tertiary Institution (ADAPTI) Digital Bridge Institute, 2018.
* NSBMB, Ota, Ogun State, Nov., 2016
* NSBMB, Minna, Niger State, Nov., 2015
* International Research Collaboration and Academic Exchange for Postgraduate Students

University of Ibadan, Ibadan, Oyo State 13th June, 2012

* Unibadan Conference of Biomedical Research, University of Ibadan, Ibadan, Oyo State 7th-9th July, 2010
* Molecular Biology and Applied Biotechnology Conference, Convenant University, Ota, Ogun

State 2008

**Completed research**

*Newbouldia laevis* leaf extract ameliorates testosterone-induced testicular damage in rats.

Effect of certain sub-fraction of chloroform fraction of *Ocimum gratissimum* (Linn) leaf extract on mitochondrial-mediated apoptosis in streptozotocin- and lard-induced type 2 diabetic rats.

**Current Relevant Information**

* Services within the Department: Coordinator, Biochemistry; Course Adviser; Seminar supervisor; Practical Coordinator
* Services within the Faculty: Departmental postgraduate representative
* Services outside UNIMED: Church leadership.

**Contribution to knowledge**

I have carried out volume of researches in ethnopharmacology and I have been able to establish the efficacy of various plants such as *Ocimum gratissimum, Newbouldia laevis* and other in the management of type 2 diabetes mellitus. I was able to establish the role of phytometabolites in modulation of mitochondrial dependent cell death in the management of the disease. Interestingly, I was able to purify lupanol, which is a triterpene implicated in diabetes mellitus, from *Ocimum gratissimum* for the first time. Part of this research has been accepted for publication in Frontier in Ethnopharmacology. I have been able to bring another dimension into diabetes mellitus research from the aspect of mitochondrial-mediated cell which is a ‘culprit’ in this disease.