**CURRICULUM VITAE: DR. O. V. OMOTOYINBO**

1. Name (underline Surname): Oluwasegun Victor OMOTOYINBO

2. Place and Date of Birth: Jos, 2nd March, 1987

3. Nationality/State of Origin: Nigerian/ Ekiti

4. Marital Status/Number and Ages of Children: Married/ 2 Children (6 & 3years)

5. Postal/Contact Address (with Phone No. and Email Address): 9, Oladugba Quarters, Beside Ayo Specialist Hospital, Akure, Ondo State

+234 806 013 6229

[omotoyinbosegun@gmail.com](mailto:omotoyinbosegun@gmail.com)

6. Name and Address of Spouse: Mrs Blessing Omotoyinbo (Same address)

7. Name and Address of Next of Kin: Mrs Blessing Omotoyinbo (Same address)

8. Post Desired: Senior Lecturer

9. Educational Institutions Attended with Dates:

* Tertiary:

1. The Federal University of Technology, Akure, Ondo State. 2014 – 2020
2. The Federal University of Technology, Akure, Ondo State. 2010 – 2013
3. Ladoke Akintola Univ. of Technology, Ogbomoso, Oyo State. 2003 – 2008

* Secondary:

1. First Baptist Science Grammar School, Jos, Plateau State. 1996 – 2002

* Primary:

1. Albakans Pre-Science School, Jos, Plateau State. 1990 – 1996
2. Academic and Professional Qualifications:
3. Ph.D. Applied Biochemistry, 2021
4. M.Tech. Applied Biochemistry, 2013
5. B.Tech (Hons.) Biochemistry, 2008
6. West African Senior Secondary School Certificate (WASSCE), 2002
7. Membership of Professional Bodies:
8. Member, Nigerian Society of Biochemistry and Molecular Biology (NSBMB)
9. Member, Society of Medicinal Plants and Economic Development (SOMPED)
10. Member, Society of Experimental Biology of Nigeria (NISEB)

12. Distinctions and Awards

13. Work Experience with Full Details of Former and Present Positions:

1. Assistant Lecturer, Biology/Chemistry Department, All States College of Education, Ero-Akure, 2011 – 2014
2. Lecturer III, Biology/Chemistry Department, All States College of Education, Ero-Akure, 2014 – 2015
3. Teaching and Research Assistant, Biochemistry Department, Federal University of Technology, Akure, 2015 – 2016
4. Assistant Lecturer, Biological Sciences Department, Wesley University Ondo, 2016 – 2018
5. Lecturer II, Biological Sciences Department, Wesley University Ondo, 2018 – 2021
6. Lecturer I, Biological Sciences Department, Wesley University Ondo, 2021 – 2022
7. Lecturer I, Biochemistry Department, University of Medical Sciences Ondo, 2022
8. Current Position and Date of Last Promotion/Appointment/Regrading:

Lecturer I, 2023

1. Current Salary and Status/Grade Level: CONUASS 4/2
2. Research Activities:
3. Production of Immobilized Industrial enzymes
4. Antibacterial and Antibiotic Potential of Bromelain
5. Sourcing novel inhibitors for enzymes
6. Attraction of Research Grants:
7. Tertiary Education Trust Fund (TETFUND) National Research Fund (NRF) Grant entitled: “Production of Immobilized Industrial amylase from micro-fungi Fermented Cassava waste-water” (2020) - #33,000,000.00 (Co-grantee)
8. Tertiary Education Trust Fund (TETFUND), Institution-Based Research (IBR) Intervention, entitled: “Immobilization and Biochemical Characterization of Phytase from Fungus isolated from African Giant snail for Improved Application”, November, 2020. - ₦1, 999,300.00 (Co-grantee)

18. Major Academic-related Services to the Nation outside the University System

19. Important Learned Conferences/Workshops/Courses Attended with details on Paper Presentation.

1. 22nd Society of Experimental Biology of Nigeria (NISEB) Annual Scientific Conference, Babcock University, Ilishan-Remo, Ogun State, Nigeria.
2. Exploring the Phytochemical composition, Antioxidant activity, and Antibacterial properties of Leaf Extracts from *Borreria verticilata* (**Omotoyinbo** OV, Omotoyinbo BI, Salemcity AJ, Sanni DM**;** Conference Abstract - PDD-008 pg. 37/38)
3. University of Lagos, Alexander von Humboldt Kolleg, 2022 on Africa’s Bio-economy and Sustainable Development.
4. Physicochemical properties of Purified amylase produced from *Saccharomyces cerevisae* and *Lactobacillus sp.* Cassava wastewater solid state fermentation and its commercial applications (Lawal OT, Sanni DM, Oboh G, **Omotoyinbo** OV, Olaniyi OO, Ajeigbe O, Awojulu EO**;** Conference Abstract - OPIB-02 pg. 52)
5. 21st Society of Experimental Biology of Nigeria (NISEB) Annual Scientific Conference, Mountain Top University, Ogun State, Nigeria.
6. Kinetics and thermodynamics of thermal inactivation of alpha-amylase obtained from *Bacillus galactosidilyticus* (**Omotoyinbo** OV, Gbadebo OE, Lawal OT, Omotoyinbo BI, Sanni DM**;** Conference Abstract)
7. 5th Annual Conference, Society of Medicinal Plants and Economic Development, Kumasi Ghana, 2021
8. Phytochemical screening and Dental carries preventive properties of *Gongronema latifolium* (Benth.) stem (Ukah CJ, BI Omotoyinbo, OV **Omotoyinbo;** Conference Abstract)
9. 2nd Annual Conference, Society of Medicinal Plants and Economic Development, National Open University Abuja, 2019
10. Tyrosinase inhibitory studies and the Bioactive constituents of Ordeal Tree (*Erythrophleum suaveolens*) stem bark (OV **Omotoyinbo**, DM Sanni)
11. Federal University of Technology Akure, Alexander von Humboldt Kolleg, 2017 on Functional Foods and Nutraceuticals.
12. Physicochemical studies of Bromelain Precipitated by Ammonium Sulphate on three varieties of Pineapple in Nigeria (Sanni DM and **Omotoyinbo OV.** Conference Abstract - AKKOLLEG17\_OR\_E10)
13. 3rd Annual School of Science Conference, Federal University of Technology Akure, 2015
14. Tyrosinase inhibitory effect of acetone and methanolic extracts from *Datura metel* and *Baphia natida* (Sanni DM and **Omotoyinbo OV**. Conference Abstract 2015-D-043; SOS FUTA)
15. Phytochemical screening and inhibitory effects of *Baphia nitida* extracts on Mushroom tyrosinase (Sanni DM and **Omotoyinbo OV**. Conference Abstract 2015-E-054; SOS FUTA)
16. Publications:

(1) **Omotoyinbo OV**, Sanni DM. (2015). GC-MS Analysis of Phyto-components from the Leaves of *Senna alata* L. Journal of Plant Sciences, 3(3): 133-136

(2) **Omotoyinbo OV**, Sanni DM, Olawoye TL. (2016). Modulation in membrane lipids of *Escherichia coli* and *Staphylococcus aureus* in response to varying salt concentretions. African Journal of Biochemistry Research, 10(1): 7-11

(3) Sanni DM. **Omotoyinbo OV**. (2016). GC-MS Analysis of *Pteleopsis suberosa* Stem bark methanol-chloroform extract. Journal of Plant Sciences, 4(3): 37-40

(4) Sanni DM. **Omotoyinbo OV**. (2016). Phytochemical screening, Tyrosinase inhibitory effects and kinetics of Cam Wood Dye Extracts. Advances in Biochemistry, 4(2): 16-20

(5) Sanni DM, **Omotoyinbo OV**. (2016). Inhibitory effect of extracts from *Datura metel* leaf on Mushroom Tyrosinase. American Journal of Life Sciences, 4(2): 47-50

(6) **Omotoyinbo OV**, Omotoyinbo BI. (2016). Effect of Varying NaCl Concentrations on the Growth Curve of *Escherichia coli* and *Staphylococcus aureus*. Cell Biology, 4(5): 31-34

(7) **Omotoyinbo OV**, Sanni DM. (2017). Characterization of Bromelain from Parts of Three Different Pineapple Varieties in Nigeria. American Journal of Bioscience, 5(3): 35-41

(8) Sanni DM, Fatoki TH, **Omotoyinbo OV**. (2017). Comparative Evaluation of Computational and Experimental Analysis of Polyphenol Oxidase from Cocoa (*Theobroma cacao L.)*. Journal of Microbiology and Biotechnology research, 7(1): 18-25

(9) Sanni DM, Fatoki TH, **Omotoyinbo OV**. (2017). Bioinformatics Analysis of *Garcinia kola* Active Components and Glycoproteins of Ebola Virus (*Zaire ebola virus*). Journal of Chemical and Pharmaceutical Research, 9(4):364-370

(10)Sanni DM, Jimoh MB, Fatoki TH, Ekundayo OF, **Omotoyinbo OV**. (2017). Isolation of Phytase degrading activity from African Giant Land Snail (*Archachatina marginata*). Journal of Agriculture and Food Technology, 7(5): 1-9

(11)Sanni DM, Osagie P, **Omotoyinbo OV**, Ekperigin M. (2017). Relationship between Serum 25 OH Vitamin D and other Serum Metabolite Levels of Hypertensive and Non-Hypertensive Pregnant Women in Nigeria. Assumption University-eJournal of Interdisciplinary Research, 2(2):121-128

(12)**Omotoyinbo OV**, Ekpenyong IE, Fatoki TH, Sanni DM. (2018). *In Silico* evaluation of bromelain from stem and fruit of pineapple (*Ananas comosus*). Journal of Agricultural Science and Food Technology, 4(2): 32-40

(13)Sanni DM, **Omotoyinbo OV**, Salawu SO. (2018). Physicochemical studies of bromelain precipitated by ammonium sulphate from pineapple (*Ananas comosus*). Journal of Agricultural Science and Food Technology, 4(2): 41-45

(14)Sanni DM, **Omotoyinbo OV**, Folajimi D. (2018). Prevalence of Glucose-6-Phosphate Dehydrogenase Deficiency in a Population of Nigerian Women resident in Akure. Biochemistry and Molecular Biology, 3(6): 71-76

(15)**Omotoyinbo OV**, Awojolu EO, Sanni DM. (2020). Phytochemical screening, antioxidant and tyrosinase inhibitory studies of methanol leaf extracts of two tomato varieties. Highlights in Bioscience, 3: 1-7

(16)Oyekanmi EO, **Omotoyinbo OV**, Bello OO, Coyne DL (2020). Harnessing Phytopharmaceutical Preparations available in Africa for Pandemics Management. Journal of Africa Union Scientific Research and Innovation. In Press.

(17)Olopoda IA, Lawal OT, **Omotoyinbo OV**, Kolawole AN, Sanni DM (2022). Biochemical characterization of a thermally stable, acidophilic and surfactant-tolerant xylanase from *Aspergillus awamori* AFE1 and hydrolytic efficiency of its immobilized form. Process Biochemistry, 121: 45-55

Conference Proceedings:

(18)Sanni DM, Munayah B, Fatoki TH, Ekundayo OF, **Omotoyinbo OV**. (2017). Production and some Physicochemical properties of Phytase from *Aspergillus niger* and *Mucor mucedo* isolated from *Archachatina marginata*. Proceedings of 6th International Conference/ Workshop on Snail: Harnessing Bio-resources for Food Security and National Development, Pgs.79-82

(19) **Omotoyinbo OV**, Sanni DM, Kolawole A. (2017). Tyrosinase inhibitory studies of *Borreria verticilata* leaf extracts. Proceedings of the 5th Annual Conference, School of Sciences, Federal University of Technology Akure, Pgs. 130-132

1. Extra-Curricular Activities:

* Travelling, Reading and Meditation

1. Names and Addresses of 3 Referees:
2. Prof. D.M. Sanni

Department of Biochemistry,

Federal University of Technology, Akure,

Ondo State.

1. Prof. E.O. Ibukun

Department of Biochemistry,

Federal University of Technology, Akure,

Ondo State.

1. Dr. O.O. Elekofehinti

Department of Biochemistry,

Federal University of Technology, Akure,

Ondo State.

23. Proposed date of availability for duty if selected: As soon as communicated to