**CURICULUM VITAE**

**Osarenkhoe Omorefosa OSEMWEGIE**

Professor of Mycology/Plant Pathology

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**PERSONAL INFORMATION**

Birth Date: July 13th 1970

State/Place of Birth: Lagos/Ebute Metta, West

State of Origin/LGA: Edo/Oredo

Gender: Male

Marital Status: Married with Children

Name and Address of Spouse: Temitope Oluwabanmiwo OSEMWEGIE

Minders Children Academy,

Ipetu-Omu Aran Road, Omu Aran,

Kwara State.

Email: osemwegietope@gmail.com

Mobile Phone Number: *08023555472*

Profession: Lecturer/Educator

Name of Children/Birth Date: Osaruonamen Oluwapamilerin OSEMWEGIE (March 28, 2003)

 Osarenoma Boluwatiseleri OSEMWEGIE (July 15, 2005)

**ACADEMIC QUALIFICATION AND DATE OF DEGREE**

2008 Ph.D (Mycology/Plant Pathology), University of Benin, Edo State

1997 MSc (Botany/Mycology option), University of Benin, Edo State

2005 MPA (Public Administration)

1992 B.Sc Hons. (Botany), University of Benin, Benin City, Edo State

1987 WAEC, Ilogbo High School, Ilaje, Ebute-Metta West, Lagos

1976 First Sch. Leaving Cert. Livingstone Academy.

**ADMINISTRATIVE AND MANAGERIAL EXPERIENCE**

1. **Within the Home University System**
	* Undergraduate project supervisor – 1997 till date
	* Undergraduate Seminar Supervisor – 1997 till date

Departmental Time-Table Officer – 2002 to 2006

* + Faculty Exam Malpractice Committee Member – 2003 to 2005
	+ Staff Adviser to the National Association of Botany Students – 2002 -2005
	+ Course Adviser – 2000 to 2008 (UNIBEN); 2011 -2012 (LU)
	+ Member, Departmental Committee for the Development of Teaching Monograph for 100 Botany - 2001
	+ Faculty Students’ Admission and Clearance committee – 2003 to 2007 (UNIBEN); 2011 to 2012 (LU)
	+ Member, Faculty Committee for the Assessment of Lecturers by Students – 2007
	+ Coordinator, GST and University Wide Courses Unit – 2012
	+ Director, University Wide Courses (GNS or GST) – 2013-2015
	+ Member, Student Editorial Board Committee
	+ Member, Landmark University Publication and Conference Committee – 2011 till date
	+ Member of the Landmark University Matriculation Committee – 2011 to 2013
	+ Member, Landmark University Website Reconstruction Committee – 2013
	+ Chairman, Biotechnology Programme Drafting Committee – 2013
	+ Member, Landmark University Internal Accreditation Committee – 2014
	+ Member, Landmark University Health Service Board – 2014 - 2016
	+ Chairman, Landmark University Maiden Convocation Planning Committee – 2014
	+ Member, Landmark University Ceremonies Committee 2014 -2016
	+ Member, Landmark University Senate – 2012 - till date
	+ Member, Landmark University Examination Committee – 2011 - till date
	+ Member Landmark University Publication Committee - 2015 – 2018
	+ Member, Landmark University Pre-degree Programme and Implementation Committee – 2015
	+ Head of Department of Biological Sciences, Landmark University. 2015 – 2018
	+ Secretary, Local Organizing Committee for SAN 47th Annual Scientific Conference Kwara 2012)
	+ Member, Landmark University Senate (SBC) Business Committee – 2018 –2020
	+ University Staff and Faculty Disciplinary Committee – 2019 -2020
	+ Dean, College of Pure and Applied Sciences - 2018-2020
	+ PG Supervision, Invitation as assessor for professorial promotion and external examiners to pg students
	+ Member University Post-Graduate Board – 2018 – till date
	+ Chairman, LMU Senate Results Vetting Committee – 2021
1. **Outside the Home University System**
	* Supervisor, Universities Matriculation Examination (UME) – 2003
	* INEC Voter Registration Supervisor - 2002
	* Reviewer to local and International Journals – 2010 till date
	* Member, African Mycology Association (AMA) Ethel Mary Diodge Award Selection Committee - 2011
	* Council Member, Science Association of Nigeria - 2012 to 2012
	* Member, Steering Committee of the Nigerian Young Academy (2010).
	* Treasurer, Nigerian Young Academy (2011-2013)
	* External Examiner for M.Sc Biological Sciences (Botany Option), Kogi State University, Anyigba – 2014
	* External Assessor (Promotion to Professorial cadre)
	* Member, First and Second International Mushroom Foray Committee in Nigeria - *Inoculum Newsletter* of the Mycological Society of America. 2000, 51(6): 9-10)
	* President, Landmark University Staff Cooperative Multipurpose Society Limited – 2012 - 2019
	* Member NUC Accreditation Team

**SCHOLARSHIP, FELLOWSHIP AND PRIZES**

* VC’s Award, Best lecturer in Botany Department - 2006
* Darwin Initiative Travel Grant – 2010.
* University Research Project Committee Grant- 2002
* University of Benin Post-Graduate School Board of Studies Grant -2006
* Nigerian Young Academy, Service Commendation Award - 2015
* S.O.K. Foundation Merit Award - 2015

**CAREER PATH**

Herbarium Curator (UNIBEN) – 1995 to 1997

Assistant Lecturer (UNIBEN) – 1997 to 2000

Lecturer II (UNIBEN) – 2000 to 2003

Lecturer I (UNIBEN) – 2003 to 2010

Senior Lecturer (LMU) – 2011 to 2012

Associate Professor (LMU) – 2012 to 2015

Professor (LMU) - 2015 - till date

**COURSE TAUGHT**

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| --- | --- | --- |
| **COURSE CODE** | **COURSE TITLE** | **DATE** |
| **Full Time Courses** |
| ***University of Benin and Landmark University*** |
| BOT111 | Diversity of plants | 1997-2008 |
| BOT211  | Lower plants | 1998-2004  |
| BOT319 (PBB317) | Physiology of fungi | 2000-till date  |
| BOT329 (PBB327) | Morph. & Taxonomy of fungi | 1997-till date |
| BOT400 (Honors option) | Mushroom science | 2008-till date |
| BOT429 | Principles of Plant Pathology | 2000-2002 |
| BCH212 | Introduction to Physical Biochemistry | 2011-till date |
| BLY211 | Introductory Genetics | 2011-till date |
| BLY112 | Introductory Cell Biology | 2011-till date |
| BLY222 | Plant Biosystematics | 2011-till date |
| MCB210 | Introductory Microbiology | 2011-till date |
| MCB312 | Microbial Physiology | 2011-till date |
| MCB313 | Mycology | 2011-till date |
| MCB314 | Plant Pathology | 2011-till date |
| MCB425 | Pathogenic Mycology | 2014 till date |
| MCB824 | Advance Plant Pathogenic Microbiology | 2019 till date |
| **Part Time Courses** |
| DAIC017/DIG002 | Botany I | 2005-till date |
| DAIC027/DIG004 | Botany II | 2004-till date |
| SLT/BIO315 | Genetics, ecoloygy and evolution theories | 1998-2008 |
| SLT/BIO429 | Mycology | 2000-2008 |

**MEMBERSHIP OF ACADEMIC AND PROFESSIONAL BODIES.**

* Biotechnology Society of Nigeria (2010 till date).
* African Society for Edible and Medicinal Mushrooms (2009 till date).
* Mycological Society of Nigeria (2010 till date).
* Fellow of the Nigerian Young Academy (2015 – till date)
* African Mycology Association (2010 till date)
* Nigerian Society for Experimental Biology (2011 till date)
* Science Association of Nigeria (2012 till date)

**CONFERENCES AND WORKSHOPS ATTENDED WITH DATES**

* + 1. **Conferences Attended with Dates**
	1. 27th Annual Conference of the Nigerian Society for Plant Protection, Nigerian Institute for Oil Palm Research, Edo State, Nigeria. September 26-30, 1999.
	2. International Conference on the Perspective of Medicinal Mushrooms in Healthcare and Nutrition in the 21st Century. Kiev, Ukraine, September 12 -14, 2001.

Oral Presentation– Cultivation of a Selected ‘Sporophore Only’ Producing Strain of The Edible And Medicinal Mushroom, *Pleurotus tuber-regium* (Fr.) Sing. On Waste Paper And Plantain Peelings (Osemwegie,O.O., Isikhuemhen,S.O And J.A.Okhuoya).

* 1. 16th Annual Conference of the Botanical Society of Nigeria (Boson), University of Benin, March 11-15, 2007.

**Title of Paper Presented**:

Some Medicinal Flora of Okomu Forest Reserve in Southern Nigeria.

* 1. 2nd African Conference on Edible and Medicinal Mushrooms (ACEMM), Ghana, March 24-25, 2009.

**Title of Paper(s) Presented:**

* Ecodiversity of Macrofungi in Rubber Plantations and Lowland Forest of Iyanomo, Rubber Research Institute of Nigeria, Edo State (Poster Presentation).
* BasidiomycetousMacrofungi in Iyanomo Rubber Plantations, Edo State and their Ecological Relationship with Litterfall and Climate Variation (Oral Presentation).
	1. Biotechnology Society of Nigeria 23rd Annual Conference, UNN 2010, August 22nd-26th.

**Title of Paper(s) Presented:**

Effect of *Ganoderma* Spp., on *Sclerotium Rolfsii* Sacc. and Post-Harvest Tomato Fruits Preservation.

* 1. The 3rd Annual Conference of The Mycological Society Of Nigeria (MYCOSON), AAU (Ambrose Ali-University), Ekpoma, 22 – 26th September, 2010.

**Title of Paper(s) Presented:**

* + - Nigerian Mushrooms through the Eye of a Camera Lens (Poster Presentation).
		- Preliminary Mycological Assessment of Raw Beef (Red Meat) From Some Abattoirs in Benin City, Nigeria.
	1. First General Assembly/Conference of the Nigerian Young Academy, Federal University of Technology Owerri, 23rd – 25th May, 2011.
	2. Second General Assembly/Conference of the Nigerian Young Academy, Nnamdi Azikiwe University, 7th – 9th June, 2012.
	3. Third General Assembly/Conference of the Nigerian Young Academy, University of Ibadan, 2nd – 4th July, 2013.
	4. The 7th Annual Conference of The Mycological Society Of Nigeria (MYCOSON), UNIBEN, 9th – 12th November, 2014.

**Title of Paper(s) Presented:**

Phytochemical and microbial studies of post harvest avocado fruits (*Persea* *americana* Mill)

 Fifth General Assembly/Conference of the Nigerian Young Academy, Federal University of Technology, Minna, 18th – 21st May, 2015.

* 1. Society for Experimental Biology of Nigeria (NISEB) 18th Annual Conference and AGM, July 1st – 4th 2018.
	2. Nigerian Institution of Agricultural Engineering (NIAE) 20th Conference and 40th AGM, September 17th 2019.

Title of Paper Presented:

Olaniran, A. F.**,** Okonkwo, C.E, Owolabi, A.O, **Osemwegie,O.O** and Badejo, T.E. **(2019)**. Proximate composition and physicochemical properties of formulated cassava, cowpea and potato flour blends. ***NIAE proceeding* (conceptualization)** Proximate composition and physiochemical properties of formulated cassava, cowpea and potato flour blends (Olaniran, AF, Okonkwo CE, Owolabi AO, Osemwegie OO and Badejo TE)

**(b). Workshops and Courses with Dates**

1. Workshop on the Strategies for the speedy processing of examination results for academic staff/examiners of University of Benin. Organised by Prof. Nwagwu,N.A., Dr.Nwadiani, Mon., Dr.Iyamu,E.O.S. and Osunde,A.U of Faculty of Education University of Benin in conjunction with the Administration (2004).
2. Workshop on the identification of ascomycetes and their anamorphs. Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria, South Africa, Monday 26 April – Thursday 29 April 2010. Organised by the Africa workgroup for fungal conservation, AMA ([www.africamycology.org](http://www.africamycology.org)) and Sponsored by Darwin Initiative (<http://www.cybertruffle.org.uk>).
3. Workshop on the founding of Nigerian Young Academy initiated by IAP, NAS, NASS, NAEng, NAE, NAL and GYA in conjunction with Redeemers University Mowe, Ogun State, Nigeria (RUN, 2010). August 29th - 30th.
4. Nigerian Young Academy Workshop on *Essentials of Quality Research Output*, Covenant University, Canaan Land, Ota, Ogun State, 6th - 8th October, 2011.
5. Nigerian Academy of Science One-day Workshop on *Effective Communication of Research: Bridging the Gap between Researchers and the General Public* – 2012.

**PUBLICATION**

1. **Research Project and Thesis**
2. Antimicrobial Effect of the Decoction of *Azadirachta indica* (Juss.) on Some Plant Pathogens - B.Sc Research Project (1992).
3. Macrofungi of an Oil Palm Plantation in Benin City – M.Sc Thesis (1995)
4. Eco-diversity Study of Mushrooms in a Rubber Plantation and Lowland Forest of Iyanomo, Benin City, Edo State Ph.D Thesis (2008).
5. **Inaugural Lecture**

Landmark University 2nd Inaugural Lecture Held Thursday 3rd November, 2016:

Mushrooms Renaissance: Biodiversity, Ethnomycological and Agro-perceptions

1. **Scientific Publications in Peered Review Journals**

***Asterisked name = corresponding author; emboldened name = self.***

1. \***Osemwegie O.O.**, Okhuoya, J.A and Emoghene, A.O. (1998). Fungicidal effect of decoction of neem (*Azadirachta indica* A. Juss) on some leaf-spot pathogens. *Journal of Environment, Science and Health* 1(1): 54 – 57
2. \*Okhuoya,J.A., Isikhuemhen,O.S., Ogboe,E and **Osemwegie,O.O.** (1998). Effect of mulching on sporophore yield of *Pleurotus tuber-regium* (Fr.) Sing. *Mushroom Research* 7(2): 86 – 92
3. **Osemwegie,O.O.**, \*Isikhuemhen,O.S., Onyolu,O.J and Okhuoya,J.A. (2002). Cultivation of selected sporophore-only-producing strain of the edible and medicinal mushrooms; *Pleurotus tuber-regium* (Fr.) Singer (Agaricomycetideae) on waste papers and plantain peelings. *International Journal of Medicinal Mushrooms* 4(4): 343 – 348
4. \***Osemwegie,O.O.**, Akpaja,E., Okhuoya,J.A and Anedu,P.C. (2003). Water hyacinth, an aquatic weed as growth substrate for *Pleurotus pulmonarius* and *Pleurotus tuberregium* (Pt-Omon 13). *Nigerian Journal of Applied Sciences* 21: 9 – 14
5. \***Osemwegie,O.O.**, Okhuoya,J.A and Oarhe,R. (2004). Effect of aqueous leaf extract of three medicinal plants on a rot fungus; *Sclerotium rolfsii* Sacc. *Journal of Tropical Biosciences* 4: 69 – 72
6. \***Osemwegie,O.O.**, Igbokwe,M.S and Idu,M. (2005). Syrup extraction of Udara (*Chrysophyllum albidum* G.Don.), its preservation and microbial implication. *Journal of Applied Sciences* 8(1): 4550 – 4561.
7. \***Osemwegie,O.O.**, Eriyamremu,G.E and Abdulmalik,J. (2006). A survey of macrofungi in Edo/Delta region of Nigeria, morphology and uses. *Global Journal of Pure and Applied Sciences* 12(2): 149 – 157.
8. \*Idu,M., **Osemwegie,O.O** and Akinnibosun,H.A. (2006). Floristic diversity of Okomu Forest Reserve in Southern Nigeria. *Phytotaxonomy* 6: 14 – 22.
9. \*Idu,M and **Osemwegie,O.O.** (2007). Some medicinal flora of Okomu Forest Reserve in Southern Nigeria. *Research Journal of Medicinal Plant* 1(1):29 – 31.
10. \*Idu,M., Ndukwu,B.C and **Osemwegie, O.O.** (2007). Enthnofloristic studies of Ethiope Council Area of Delta State, Nigeria. *Journal of Plant Sciences* 1(2):1 – 13.
11. \*Idu,M., **Osemwegie,O.O.**, Timothy,O and Onyibe,H.I. (2007). A survey of plants used in traditional health care by Waja tribe Bauchi State, Nigeria. *Plant Archives* 7(2):535 – 538.
12. \*Idu,M., **Osemwegie,O.O.**, Odia,A.E and Onyibe,H.I. (2007). A survey of indigenous flora used by folk medicine practitioner in Yola Council Area of Adamawa State, Nigeria. *Plant Archives* 7(2): 517 – 521.
13. Idu,M., **Osemwegie,O.O** and Onyibe,H.I. (2008). Checklist of flora in Edo State, Nigeria. *Plant Archives* 8(2): 539-549
14. \***Osemwegie,O.O** and Okhuoya,J.A. (2009). Diversity of macrofungi in oil palm agroforests of Edo State, Nigeria. *Journal of Biological Sciences* 9(6): 584-593.
15. \***Osemwegie,O.O.**, Okhuoya,J.A and Omorusi, V.I. (2009). Ecological diversity of macrobasidiomycetes in Rubber Research Institute of Nigeria, Iyanomo, Edo State. *Nigeria Journal of Mycology* 2:23 – 40.
16. \***Osemwegie,O.O**., Okhuoya,J.A., Oghenekaro,A.O and Evueh,G.A. (2010). Macrofungi Community in Rubber Plantations and a Lowland Forest of Edo State, Nigeria. *Journal of Applied Sciences* 10 (5): 391 – 398.
17. Okhuoya, J.A., Akpaja, E.O., \***Osemwegie,O.O.**, Oghenekaro, A.O and Ihayere, C. A. (2010). Nigerian mushrooms: underutilized non-forest resources. *Journal of Applied Science and Environmental Management* 14 (1): 43-54.
18. Ihayere,C.A., Oghenekaro,A.O., **\*Osemwegie,O.O** and Okhuoya,J.A. (2010). Chemical nature of *Ganoderma lucidum* (Curtis) Karsten from woodlands of Edo State, Nigeria. *Continental Journal of Biological Sciences* 3:8-15.
19. **\*Osemwegie, O.O.**, Oghenekaro, A.O., and Ihayere, C.A. (2010). Folk uses of mushrooms by the Akoko-Edo people of Nigeria. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences* 12(4):1- 4.
20. **\*Osemwegie, O.O**, Oghenekaro, A.O and Owolo, L.O. (2010). Effects of pulverized *Ganoderma* spp., on *Sclerotium rolfsii* Sacc and post-harvest tomato (*Lycopersicon esculentum* Mill.) fruits preservation. *Journal of Applied Science Research* 6(11): 1794-1800.
21. **\*Osemwegie,O.O** and Okhuoya,J.A. (2011). Diversity and abundance of macrofungi in rubber agroforests, South-western Nigeria. *Nordic Journal of Botany* 29: 119 – 128.
22. \***Osemwegie,O.O.**, Oghenekaro,A.O and Eziewe,E.U. (2011). Preliminary mycological assessment of raw beef (red meat) from some abattoirs in Benin City, Nigeria. *West African Journal of Science, Technologies, and Social Sciences* 1(1): 14-24.
23. Evueh, G.A., Okhuoya,J.A., **\*Osemwegie,O.O.**, Attitalla Hamad Idress and Ogbebor,N.O. 2011. Evaluation of phylloplane fungi as biocontrol agent of Corynespora leaf fall disease of Rubber (*Hevea brasiliences* Muell. Arg.). *World Journal of Fungal and Plant Biology* 2(1): 01-05.
24. **\*Osemwegie,O.O** and Okhuoya,J.A. (2011). Nigerian mushrooms through the eye of a camera lens. *MycoAfrica* 4(2): 4-8.
25. \*Ndako,J.A., **Osemwegie,O.O.,** Spencer, T.H.I., Olopade,B.K., Yunusa, G.A., and Banda,J. (2012). Prevalence of dermatophytes and other associated fungi among School children. *Global Advanced Research Journal of Medicine and Medical Sciences* 1(3): 049 -056.
26. **\*Osemwegie,O.O.**, Ekaye, S. O and Ntekume, I.C. (2012). The effect of grower feed diet supplemented with *Ganoderma lucidum* against some enteric zoonotic parasites of pigeons (*Columba livia*). *Biokemistri* 24(3): 129-135.
27. Vwioko, D.E., \***Osemwegie,O.O** and Akawe,J.N. (2013). The effect of garlic and ginger phytogenics on the shelf life and microbial contents of homemade soursop (*Annona muricata* L) fruit juice. *Biokemistri* 25(2): 31-36.
28. **\*Osemwegie,O.O.,** Okhuoya,J.A and Dania T.A. (2014). Ethnomycological conspectus of West African mushrooms: An awareness document. *Advances in Microbiology* 4: 39-54.
29. \***Osemwegie**,**O.O**, Oghenekaro, A.O, Dania,T.A and Folorunsho, J.O. (2014). Preliminary study of aquatic fungi biodiversity Rooro and Orisa rivers in Nigeria. *Journal of Aquatic Sciences* 29 (2B): 275-283.
30. \*Dania,A.T., **Osemwegie, O.O.,** Oghenekaro, A.O and Oladipo,A.O. (2015). Phytochemical and microbial studies of post harvest avocado fruit (*Persea* *americana*). *Biological and Environmental Science for the Tropics* 12(1):695-702.
31. **\*Osemwegie**, **O.O** and Dahunsi, S.O. (2015). *In vitro* effect of aqueous and ethanolic extract of *Parkia biglobossa* (Jacq.) Benth on some selected microorganisms. *Nigerian* *Journal of Biotechnology* 29: 11-20.
32. \*Enagbonma, B.j, Tawari-Fufenyi,P., Ekaye,S and **Osemwegie**,**O**. (2015). Ameliorative effect of different concentration of mushroom (*Pleurotus* *tuberregium*) on pathomorphological changes induced by lead toxicity in liver and kidney of Wister Albino rats. *Nigeria Journal of Biotechnology* 29:63-69.
33. \*Enagbonma, B.J, Tawari-Fufenyi,P., Ekaye,S and **Osemwegie,O**. (2015). Ameliorative effect of different concentration of mushroom (*Pleurotus* *tuberregium*) on lipid profile of Wistar albino rats induced by lead nitrate. *Jordan Journal of Biological Sciences* 8(3):187-191.
34. **\*Osemwegie,O.O** and Dania, A.T. (2016). Production of mushrooms as complimentary agroincome in Nigeria. *Annals of Science and Technology* 1(1):19-27. DOI: <http://dx.doi.org/10.22366/ast.2016.01.004>.
35. \*Abalaka,M.E., Akpor,O.B., Bello, A.B., Olonitola,O.S., Sani,A and **Osemwegie,O.O**. (2016). Synthesis of silver nanoparticles (AgNPs) from bark and root of African mahogamy (*Khaya senegalensis*) and comparative studies of their antimicrobial properties. *Asian Journal of Microbiology and Biotechnology* 1(1): 25-32.
36. \*Abalaka ME. Akpor OB and **Osemwegie OO**. (2017). Green synthesis and antibacterial activities of silver nanoparticles against *Escherichia coli*, *Salmonella typhi*, *Pseudomonas aeruginosa* and *Staphylococcus aureus*. *Advancements in life Sciences* 4(2): 60-65.
37. **\*Omorefosa Osarenkhoe Osemwegie**, Charles Obiora Nwonuma, Abimbola Peter Oluyori, Praise Ocheanya Abraham, Abraham Abayomi Akanbi, Deborah Oluyemisi Opaleke, Omokolade Oluwaseyi Alejolowo (2017). In vitro microbial and In vivo lead acetate poison abatement study of *Garcinia kola* Heckel. *Journal of Taibah University of Science* <http://dx.doi.org/10.1016/j.jtusci.2017.06.001>
38. Ihayere CA, Okhuoya JA and **Osemwegie OO**. (2017). Cultivation of *Ganoderma lucidum* (W.Curtis:Fr.) P.Karst on sawdust of *Brachystagia* *nigerica* Hoyle & A.P.D.Jones. Agricultural and Food Science Journal of Ghana, 10(1):852-862
39. \*Charles Oluwaseun Adetunji, Julius Kola Oloke, Gandhan Prasad, Oluwasesan Michael Bello, **Osarenkhoe Omorefosa Osemwegie**, Mishra Pradeep and Ravinder Singh Jolly. (2018). Isolation, identification, characterization and screening of rhizospheric bacteria for herbicidal activity. *Organic Agriculture*, 8(3):195-205. doi:10.1007/s13165-017-0184-8
40. Adetunji Charles Oluwaseun\*, Oloke Julius Kola, **Osemwegie Osarenkhoe Omorefosa**. 2018. Environmental fate and effects of granular pesta formulation from strains of Pseudomonas aeruginosa C1501 and Lasiodiplodia pseudotheobromae C1136 on soil activity and weeds. *Chemosphere* 195: 98-107.
41. Olusanya Rotimi Arise, Jalil James Idi, Iseoluwa Maureen Mic-Braimoh, Emmanuel Korode, Risikat Nike Ahmed and **Omorefosa Osemwegie** (2019). In Vitro Angiotesin-1-converting enzyme, α-amylase and α-glucosidase inhibitory and antioxidant activities of *Luffa cylindrical* (L.) M. Roem seed protein hydrolysate. *Heliyon* 5: e01634.
42. Nwonuma CO, Adelani-Akande TA, **Osemwegie OO**, Olaniran AF and Adeyemo TA. 2019. Comparative study of the in vitro phytochemicals and antimicrobial potential of six medicinal plants. *F100Research*
43. Sulaiman FA, Yusuf BO, Omar SA, Muritala HT, Adisa MJ, Olapade AA, Babajamu FI, Jimba AT, Babatunde AL, Adeniyi BA, Opaleye BR, Maimako RF, Otohinoyi DA, Bello OK, Rotimi D, Olaolu TD, Nwonuma CO, Alejolowo OO, Batiha GE, **Osemwegie OO** and Adeyemi OS. 2019. Modulation of rat serum lipid profile and nephritic indices following oral exposure to the extracts of chilli pepper. *Eurasia Journal of Biosciences* 13: 2321-2326.
44. Olaniran AF, Okonkwo CE, Owolabi AO, **Osemwegie OO** and Badejo TE. 2020. Proximate composition and physicochemical properties of formulated cassava, cowpea and potato flour blends. IOP Conference Series: *Earth and Environmental Science* 445:012042. Doi: 10.1088/1755-1315/445/1/012042.
45. **Osemwegie, OO**, Adetunji CO, Ayodele EA, Adejobi OI, Arise RO, Nwonuma CO, Oghenekaro AO. 2020. Exopolysaccharides from bacteria and fungi: current status and perspectives in Africa. *Heliyon* 6, e04205. <https://doi.org/10.1016/j.heliyon.2020.e04205>
46. Olaniran AF, Okonkwo CE, **Osemwegie, OO**, Iranloye YM, Afolabi YT, Alejolowo OO, Nwonuma CO and Badejo TE. 2020. Production of a complementary food: Influence of cowpea soaking time on the nutritional, antimicrobial, and antioxidant properties of cassava-cowpea-orage-fleshed potato blends. *International Journal of Food Science* <https://doi.org/10.1155/2020/8873341>.
47. Oluyori AP, Inyinbor AA, Aremu CO, **Osemwegie OO**, Oluwafemi A and Ogunnupebi TA. 2020. Disease induced by heavy metal exposure and their ameliorative phytochemicals: a review. Tropical Journal of Natural Product Research 4(9):479-489.
48. Sulaiman FA, Iyiola OA, Anifowoshe TA, Sulaiman AA, Bello OK, Akinyele TJ, Jimoh AM, Maimako RF, Otohinoyi DA, **Osemwegie OO** and Adeyemi OS. 2021. Anti-Trypanosoma and toxicity potential of the extracts of *Acacia nilotica*, *Bombax buonopozense* and *Khaya senegalensis*. *Advances in Traditional Medicine* 21(1):143-150. <https://doi.org/10.1007/s13596-020-00438-6>
49. **Osemwegie OO**, Adetunji CO, Oghenekaro AO, Alori ET, Dania TA and Daramola FY. 2021. Arbuscular Mycorrhizae: under-tapped potential benefits and perspectives on Africa. *Online Journal of Biological Sciences*. 21(10: 12-25. Doi: 10.3844/ojbsci.2021.12.25
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