

CURRICULLUM VITAE

SECTION A: GENERAL INFORMATION:

1.

- i. Name: ODJADJARE Emmanuel Erufuare Onogwuwhenyan
- ii. Date and Place of Birth: 6th January, 1976; Warri, Delta State, Nigeria
- iii. Marital Status: Married; one child (8 years old)
- iv. Nationality: Nigerian
- v. Permanent Home Address: No. 8 Timi Street Okumagba Lay-out
Warri, Delta State.
- vi. Current Postal Address: Department of Biological Sciences, Benson
Idahosa University, P.M.B. 1100, Benin City, Edo State.
- vii. Current Rank: Associate Professor
- viii. Cell Phone Numbers: +2348184673197;+2349075943370
- ix. E-mail Address: eodjadjare@biu.edu.ng ; odj4real@yahoo.com
- x. ASLP Link:
<https://www.futureafrica.science/index.php/component/profile/emmanuel-odjadjare-82>
- xi. ORCID Link: <http://orcid.org/0000-0001-8460-3324>
- xii. Scopus Link: www.scopus.com/authid/detail.url?authorid=23393054200
- xiii. ResearchGate Link: www.researchgate.net/profile/Emmanuel_Odjadjare
- xiv. University Web link: <http://departments.biu.edu.ng/bsc/staff-details/?id=324>
- xv. Google Scholar Link:
<https://scholar.google.co.za/citations?user=o73vPioAAAAJ&hl=en&oi=ao>

SECTION B: QUALIFICATIONS:

1. Academic Qualifications:

- a. Degrees (with dates and granting bodies)
 - i). Ph.D. Microbiology, University of Fort Hare, Alice, South Africa, 2010.
 - ii). M.Sc. Microbiology, Obafemi Awolowo University, Ile-Ife, Nigeria, 2006.
 - iii). B.Sc. (Hons.) Microbiology, Ambrose Alli University, Ekpoma, Nigeria, 2000
- b. Diploma and Professional Qualifications (with dates and granting bodies):
 - i. Certificate of participation at Bioinformatics Curriculum Development and Research Training Workshop held on the 22nd to 25th of July, 2013 at University of Ibadan, Ibadan, Nigeria; organized by National Biotechnology Development Agency (NABDA), Abuja, Nigeria in conjunction with Centre for Bioinformatics and Computational Biology, Jackson State University, Jackson Mississippi, USA.
 - ii. Certificate of participation at the Wellcome Trust Advanced Course: Molecular Approaches to Clinical Microbiology in Africa, held in Blantyre, Malawi between

10th and 16th September, 2011 under the auspices of Wellcome Trust, United Kingdom.

- iii. Certificate of participation at the Second Advanced Summer School in Africa: Training Course on the Molecular Mechanisms of Viral Infection and Propagation; organized by Federation of European Biochemical Societies (FEBS) in conjunction with International Centre for Genetic Engineering and Biotechnology (ICGEB), in Hermanus, South Africa, between 6th and 14th March, 2010.
- iv. Certificate of participation at the workshop on Project Proposal Writing for External Funding, organized by the European Funding and Management Academy in Port Harcourt, Nigeria, between 18th and 24th October, 2010.
- v. Certificate of participation, National Innovation Training Workshop (South Africa) 2007.

2. Teaching and Professional Experience:

a) Institutions of service/areas of specialization

Benson Idahosa University (2012 to date)

- i). *Designation/Institution:* Associate Professor, Department of Biological Sciences, Benson Idahosa University, P.M.B. 1100 Benin City, Edo State, Nigeria; October 2016 to date.
- ii). *Designation/Institution:* Senior Lecturer, Department of Basic Sciences, Benson Idahosa University, P.M.B. 1100 Benin City, Edo State, Nigeria; May 2012 to 2016.
- iii) *Areas of Specialization:*
 - a. Environmental and Public Health Microbiology
 - b. Molecular Epidemiology of bacterial pathogens
 - c. Biodegradation/Bioremediation studies
 - d. Water and Wastewater Quality Assessment

Western Delta University (2010 to 2012)

- i) *Designation/Institution:* Lecturer 1, Department of Microbiology and Biotechnology, Western Delta University, Oghara, Delta State, Nigeria, 2010 to 2012.
- ii) *Areas of Specialization:*
 - a. Environmental and Public Health Microbiology
 - b. Molecular Epidemiology of bacterial pathogens

- c. Biodegradation/Bioremediation studies
- d. Water and Wastewater Quality Assessment

University of Fort Hare (South Africa; 2007 - 2009)

- i) *Designation/Institution:* Tutor, Department of Biochemistry and Microbiology, University of Fort Hare, Alice, South Africa, February 2007 to November 2009
- ii) *Areas of Specialization:*
 - a. Environmental and Public Health Microbiology
 - b. Biodegradation/Bioremediation Studies
 - c. Water/Wastewater Quality Assessment

b. Courses Taught

Benson Idahosa University (2012 to date):

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| i. MCB 852/813 | - Advanced Environmental Microbiology |
| ii. MCB 835/821 | - Advanced Aquatic Microbiology |
| iii. MCB 845/829 | - Petroleum Microbiology |
| iv. MCB 821 | - Advanced Microbial Genetics & Genomics |
| v. MCB 811 | - Advanced Genetics/Biotechnology |
| vi. MCB 830/810 | - Advanced General Microbiology |
| vii. MCB 411/BCH 413 | - Microbial Genetics |
| viii. MCB 415 | - Environmental Microbiology |
| ix. MCB 416 | - Petroleum Microbiology |
| x. MCB 424/BCH 425 | - Introduction to Biotechnology |
| xi. BCH 419 | - Bioinformatics |
| xii. MCB 311 | - Introduction to Microbial Genetics |
| xiii. MCB 223 | - Bacteriology I |

Western Delta University (2010 to 2012)

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| i. MCB 411 | - Environmental Microbiology |
| ii. MCB 415 | - Environmental Biotechnology |
| iii. MCB 309 | - Genes and Genetic Engineering |
| iv. MCB 311 | - Bioinformatics |
| v. MCB 204 | - Introduction to Programming in Biology |
| vi. MCB 104 | - Introduction to Biotechnology |

University of Fort Hare (2007 to 2009)

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| i. MIC 311 | - Microbial Physiology and Metabolism |
| ii. MIC 322 | - Applied Microbiology and Biotechnology |
| iii. MIC 322 | - Molecular Biology and Genetic Engineering |

- iv. MIC 222 - Microbial Genetics
- v. MIC 211 - Mendelian Genetics and Chromosomal Inheritance

c. Postgraduate Students' Supervision:

- i. Two (2) Ph.D. Co-Supervision; ongoing.
- ii. Completed six (6) M.Sc. supervision; Four (4) postgraduate supervision ongoing.

d. Undergraduate Student Supervision:

- i. Completed twenty-two (22) undergraduate research project supervision; four (4) ongoing

e. Internal Examiner:

Internal Examiner for the School of Postgraduate Studies, Benson Idahosa University, Benin City, Nigeria (2014 to 2017).

f. External Examinership:

- i. External Examiner (*M.Sc. and Ph.D*), University of Fort Hare, Alice 5700, South Africa (2013 to date).
- ii. External Examiner (*M.Sc. and Ph.D*), University of Johannesburg, Johannesburg, South Africa (2018 to date).
- iii. External Examiner, Igbinedion University, Okada, Nigeria (2019 to date)

3a. Conferences, Workshops and Fellowship Participation:

- i. Visiting Fellow, Next Einstein Forum, Kigali, Rwanda (June 14 to July 15, 2019); under the auspices of InterAcademy Partnership (IAP) Fellowship on Science Advice for Policy. Project: Human Capital Development and the Digital Economy of Africa.
- ii. Participant, Science Advice for Policy Workshop held at the University of Pretoria (UP), South Africa, under the auspices of InterAcademy Partnership (U.S.A) and Future Africa, UP, South Africa (March 27 to 28, 2019).
- iii. Participant, African Science Leadership Programme (ASLP) Workshop held under the auspices of Future Africa, University of Pretoria, Pretoria, South Africa between 20th and 22nd of March, 2018.

- iv. Participant, African Science Leadership Programme (ASLP) Workshop held under the auspices of Future Africa, University of Pretoria, Pretoria, South Africa between 22nd and 27th of March, 2017.
- v. Participating stakeholder at the “Regional Stakeholder Consultation Meeting for Balanced and Inclusive Education” jointly organized by the Nigerian Academy of Science (NAS) and Geneva based Education Relief Foundation (ERF) and held at Sheraton Hotel and Towers, Ikeja, Nigeria, between 25th and 26th of July, 2017.
- vi. **Odadjare, E.E.O. (2017).** Searching for the Right Call for Research Proposal in Your Area. A paper presented at the Young Microbiologists’ Conference, held at Babcock University, Ilishan-Remo, Ogun State, Nigeria, between 27th and 28th of June, 2017.
- vii. Stakeholder and participant at the Stakeholder’s roundtable on “Genetically Modified Organisms in Nigeria: Facts and Fiction”; organised by the Nigerian Academy of Science at Golden Tulip Essential Airport Hotel Lagos, Nigeria on 15th November 2016.
- viii. **Odadjare, E.E.O. (2016).** National Young Academies in Africa: sustainable intra-regional engagements for high impact. Paper presented at the 2nd African Young Academy Regional Conference held at the instance of Global Young Academy (GYA) between 23rd and 26th of October, 2016 at Bagatelle Mall of Mauritius, Mauritius.
- ix. **Odadjare, E.E.O. and Ahmed, O. (2016).** Multidrug Resistant *Staphylococcus aureus* Strains Associated with High Vaginal Swab Samples in Benin City, Nigeria.
- x. Paper presented at the TWAS-ROSSA Young Scientists Conference and 6th General Assembly of the Nigerian Young Academy held at Sheraton Hotel, Ikeja, Lagos, between 23rd and 24th of August, 2016.
- xi. 2nd Worldwide Meeting of Young Academies and Joint Conference on 'Scientific Support for Policy Making in Sustainable Development: Joining forces' held at the Royal Swedish Academy of Sciences Stockholm, Sweden, between 16th and 18th of November, 2015.
- xii. **Odadjare, E.E.O.,** Ekraakene, T., Mordi, R.M., Burke, M.E., Enabulele, S.A. and Umeh,

- O.J. (2015). Prevalence of urinary tract infections (UTI) among pregnant women in University of Benin Teaching Hospital (UBTH) Benin City, Nigeria. Paper presented at the Annual Young Scientists Conference held between 15 and 19, September, 2015 at Birchwood Hotel and OR Tambo Conference Centre, Johannesburg, Gauteng, South Africa.
- xiii. **Odjadjare, E.E.O.**, Ahmed, O., Ekkrakene, T., Mordi, R.M., Igbinosa, E.O. (2015). Prevalence and antibiogram of bacterial isolates from high vaginal swab samples collected from hospitals in Benin, City, Nigeria. Paper presented at the 5th Nigerian Young Academy General Assembly/National Conference held at Federal University of Technology, Minna, Nigeria, between 18th and 21st May, 2015.
- xiv. **Odjadjare, E.E.O.**, Ekwemalor, L.C.C., Igbinosa, E.O., Mordi, R.M., Igere, B., and Igeleke, C.L. (2014). Abattoir effluent as a source of multiple antibiotic resistant (MAR) *Vibrio* species in the Nigerian aquatic milieu. Paper presented at the 4th Nigerian Young Academy General Assembly/Conference held at University of Ilorin, Ilorin, Kwara State, Nigeria, from 8th – 11th of July, 2014.
- xv. Ogu, G.I., Igbinosa, E.O., Mordi, R.M., Igeleke, C.L. and **Odjadjare, E.E.O.** (2013). Biodegradation potentials of axenic and consortia bacteria cultures isolated from petroleum polluted soils in Ogoniland, Nigeria. Paper presented at the 3rd Nigerian Young Academy General Assembly/Conference held at University of Ibadan, Ibadan, Oyo State, Nigeria, from 2nd – 4th of July, 2013.
- xvi. Igbinosa, E.O. and **Odjadjare, E.E.O.** (2012). *In vitro* assessment of antioxidant, phytochemical and nutritional properties of acetone, methanol and aqueous extracts of *Ocimum gratissimum*. Paper presented at the TWAS 12th General conference & 23rd General Meeting held between 17th and 21st of September, 2012, in Tianjin, China.
- xvii. **Odjadjare, E.E.O.**, Igbinosa, E.O. and Okoh, A.I. (2012). Prevalence of multiple antibiotic resistant (MAR) *Pseudomonas* species in the final effluents of three municipal wastewater treatment facilities in South Africa. Paper presented at the 2nd Nigerian Young Academy General Assembly/Conference held at Nnamdi Azikiwe University, Awka, Anambra State, Nigeria, from 6th – 9th of June, 2012.
- xviii. Igbinosa E.O., Uyi U.O., Omolahora, E.I. and **Odjadjare, E.E.** (2011) Assessment of

- physicochemical and invasive bacterial pathogens in Warri River and Shanomi Creek in the Niger Delta, Nigeria. Paper presented at the International Conference On Research and Capacity Building held at University of Ghana, Accra, Ghana between 15th and 16th of September 2011.
- xix. **Odadjare, E.E.O. (2011).** Escravos light crude oil degrading potentials of axenic and mixed bacterial cultures. Paper presented at the First Assembly/Conference of The Nigerian Young Academy held at Federal University of Technology Owerri (FUTO) between 23rd and 25th of May, 2011.
- xx. **Odadjare, E.,** Obi, C. and Okoh, A. (2010). *Listeria* abundance and Physicochemical quality of a reclaimed wastewater used for irrigation and aquaculture in South Africa. Paper presented at the Water Institute of Southern Africa (WISA) Biennial Conference and Exhibition held in ICC Durban, between 18th and 22nd of April, 2010.
- xxi. **Odadjare, E.E.** and Okoh, A.I. (2010). PCR detection of antimicrobial resistance genes in *Listeria* strains isolated from municipal wastewater effluents in the Eastern Cape Province of South Africa. Paper presented at the 2nd Advanced Summer School in Africa Training Course on the Molecular Mechanisms of Viral Infection and Propagation held in Hermanus, South Africa, between 6th and 14th of March, 2010.
- xxii. **Odadjare, E.E.O.,** Obi C.L. and Okoh, A.I. (2009) Prevalence and distribution of *Listeria* pathogens in the final effluents of a rural wastewater treatment facility in the Eastern Cape Province of South Africa. Paper presented at the SASM-BIO2BIZ Congress held in ICC Durban between 20th and 23rd of September, 2009.
- xxiii. **Odadjare, E.E.O.** and Okoh, A.I. (2009). Quality of the final effluents of wastewater treatment facility in a typical urban community of the Eastern Cape: physicochemical regimes, *Salmonella* and *Listeria* species survival as case studies. Paper presented at the International Conference on Water in the Environment held at Stellenbosch, South Africa. between 2nd and 4th of March, 2009.
- xxiv. Okoh, A.I., **Odadjare, E.E.O.,** Igbinosa, E.O. and Osode, A.N. (2008). Physicochemical and microbiological qualities of some treated wastewater effluents in the Eastern Cape Province of South Africa. Paper presented at the 4th International Conference on Environmental Science and Technology held at Wyndham Greenspoint Hotel, Houston,

Texas, USA, between 28th and 31st of July, 2008.

3b. Conferences, Workshops, and Scientific Outreaches Facilitated

- i. Facilitator/Mentor, Benson Idahosa University (BIU) Academic Writing and Grantsmanship Workshop (April 26 to 28, 2019), under the auspices of BIU Directorate of Research and International Linkages, Benson Idahosa University, Benin City.
- ii. Convener, 2-Day Hands on Basic Molecular Biology Workshop (February 21 to 22, 2019), under the auspices of Environmental, Public Health, and Bioresource Microbiology Research Group, Department of Biological Sciences, Benson Idahosa University, Benin City, Nigeria.
- iii. Convener, 7th National Conference and General Assembly of the Nigerian Young Academy, held at the Federal University of Petroleum Resources, Effurun, Delta State, Nigeria, between 7th and 9th of August, 2017. Theme: “Combating Recession through Research and Innovation: leveraging on the Nigerian Content”.
- iv. Session Chair and Workshop Facilitator at the Young Microbiologists’ Conference, held at Babcock University, Ilishan-Remo, Ogun State, Nigeria, between 27th and 28th of June, 2017.
- v. Chairman, MEMET Africa Research Group of the African Science Leadership Programme (ASLP) with focal project on: “sustainable capacity building in Africa through structured cyclic mentorship” (March 2017 to March 2018).
- vi. Mentor, New York Academy of Sciences Junior Academy Competition (2017)
- vii. Chairman, “Communicable Disease and Sanitation Working Group” of the 2nd African Young Academies Regional Conference held in Mauritius (2016).
viii. Co-Convener, TWAS-ROSSA Young Scientists’ International Conference and 6th General Assembly of the Nigerian Young Academy held at Sheraton Hotel and Towers, Ikeja, Lagos, Nigeria, between 23rd and 24th of August, 2016. This conference with theme, “Inclusive Growth and Sustainable Development in Africa: the Role of Young

- Academies” was organized in collaboration with the Nigerian Academy of Science (NAS) and support of The World Academy of Sciences Regional Office in Sub-Saharan Africa (TWAS- ROSSA).
- viii. Co-Convener, Capacity Building Workshop for Young (early-career) Women Academics in Nigeria, held at College of Medicine of the University of Lagos Alumni Centre, Idi-Araba, Lagos, Nigeria, between 15th and 16th of June, 2016. This workshop was convened in collaboration with The Nigerian Academy of Science (NAS) and support of the United States Consulate General in Lagos, Nigeria.
 - ix. Chairman, Central Organizing Committee (COC) of the 5th National Conference and General Assembly of the Nigerian Young Academy held at the Federal University of Technology, Minna, Niger State, Nigeria, between 18th and 21st of May, 2015. Theme: “Research and Researchers in Nigeria: accomplishing goals for excellence, national and global relevance.”
 - x. Co-Convener, Workshop on “Research for Development” held at National Mathematical Centre, Abuja, Nigeria, between 5th and 7th of August, 2015. This workshop was organized in collaboration with the National Mathematical Centre (NMC), Abuja and the Nigeria Academy of Science.
 - xi. Two-time Mentor, Schlumberger Excellence in Education Development (SEED) Competition for Secondary School Students in Nigeria (2013 and 2014, respectively).

4. Publications:

a). *Books: NIL*

b). *Chapters in Books:*

- i. Igbinsosa, E.O. and **Odjadjare, E.E.O.** (2015). Antibiotics and Antibiotic resistance determinants: an undesired element in the environment. In: Méndez-Vilas, A (ed), the *Battle Against Microbial Pathogens: Basic Science, Technological Advances and Educational Programs*; Vol. 2, pp 858 - 856. Microbiology Book Series, Badajoz, Spain. (**Foreign, Spain**).

c). *Journal Articles:*

- i. **Odjadjare, E.E.O.** and Inegbonosun, E.A. (2019). Hydrocarbon degrading potentials of bacterial isolates from petroleum refinery sludge. Accepted in *BIU Journal of Basic and Applied Sciences* 4(1): 1 - 15.
- ii. Igbinosa, E.O., Igelige, A.E., Igbinosa, I.H., Beshiru, A., **Odjadjare, E.E.**, Ekhaise, F.O. and Okoh, A.I (2017). Isolation and characterization of antibacterial metabolites produced by *Streptomyces* species from Escravos River, Delta State, Nigeria. *Tropical Journal of Natural Product Research*, 1(1):22-31. <https://doi.org/10.26538/tjnpr/v1i1.5>.
- iii. Igbinosa, I.H., Beshiru, A., **Odjadjare, E.E.**, Ateba, C.N. and Igbinosa, E.O. (2017). Pathogenic potentials of *Aeromonas* species isolated from aquaculture and abattoir environments, *Microbial Pathogenesis*, 107: 185-192. <http://dx.doi.org/10.1016/j.micpath.2017.03.037>.
- iv. **Odjadjare, E.E.O.** and Etinosa O. Igbinosa (2017). Multi-drug resistant *Vibrio* species isolated from abattoir effluents in Nigeria. *Journal of Infectious Disease for Developing Countries*, 11(5):373-378. doi:10.3855/jidc.8097. **(Foreign; Italy)**
- v. **Odjadjare, E.E.O.** and Ekraene, T. (2017). Molecular detection and antibiogram characterization of *Staphylococcus aureus* strains isolated from urine samples in a tertiary hospital based in Benin City, Nigeria. *Benson Idahhosa University Journal of Basic and Applied Sciences* 2(1): 1-12. **(Local; Benin City)**
- vi. Oboh, F.O.J., Ugheighele, S. and **Odjadjare, E.E.O.** (2017). Fractionation and rational utilisation of *Vernonia amygdalina* leaves. *Benson Idahhosa University Journal of Basic and Applied Sciences* 2(1): 49-61. **(Local; Benin City)**
- vii. Mokwenye, V.N., Okoh, P.N., Mordi, R.M., Onunu, A.N., Idemili, G.N., Okungbowa, M. and **Odjadjare, E.O.** (2016). Effect of Haart on Vitamin E Level of HIV Seropositive Women in Nigeria. *Biomedicine and Nursing*, 2(3):7-13. **(Foreign; USA)**
- viii. Mordi, R.M., Osula, A., Igeleke, C.L., **Odjadjare, E.E.**, Oboh, F.O.J. and

- Uwadiae, E.O. (2016). The evaluation of the antimicrobial property of *Cassia alata* leaves in Benin city, Nigeria. *Biomedicine and Nursing*, 2(3): 14-23. **(Foreign; USA).**
- ix. **Odjadjare E.E.O.** and Ahmed O. (2016). Multidrug resistant *Staphylococcus aureus* strains associated with high vaginal swab samples in Benin City, Nigeria. *University of Lagos Journal of Basic Medical Sciences*, 4(7): 13-18. **(National; Lagos).**
- x. Igbinosa E.O. and Odjadjare E.E.O. (2016). Characterization of antibiogram susceptibility profile of *Vibrio* species isolated from fresh vegetables. *African Scientist* 17: 147 – 152. <http://www.niseb.org/afs> **(National; Ilorin).**
- xi. Mordi, R.M., Burke, M.E., **Odjadjare, E.E.**, Enabulele, S.A. and Umeh, O.J. (2015). Prevalence of urinary tract infections (UTI) among pregnant women in University of Benin Teaching Hospital (UBTH) Benin City, Nigeria. *Journal of Asian Scientific Research*, 5(4):198-204. <http://www.aessweb.com/journals/5003>. **(Foreign; Pakistan).**
- xii. Mordi, R.M., Yusuf, E.O., Onemu, S.O., Igeleke, C.L. and **Odjadjare, E.E.** (2013). The Prevalence of *Alkaligenes faecalis* in bacteremia, meningitis, and wound sepsis in a tertiary health care institution in western part of Nigeria. *The International Journal of Biotechnology*, 2(7): 123-129. **(Foreign; Singapore).**
- xiii. Igbinosa, E.O., Uzunugbe, E.O., Igbinosa, I.H., **Odjadjare, E.O.**, Igiehon, N.O. and Emuedo, O.A. (2013). *In vitro* assessment of antioxidant, phytochemical and nutritional properties of extracts from the leaves of *Ocimum gratissimum* (LINN). *African Journal of Traditional Complementary and Alternative Medicines*, 10(5):292-298. **(National; Ile-Ife).**
- xiv. Igbinosa, E.O., **Odjadjare, E.E.**, Chigor, V.N., Igbinosa, I.H., Emoghene, A.O., Ekhaise, F.O., Igiehon, N.O. and Idemudia, O.G. (2013). Toxicological profile of chlorophenols and their derivatives in the environment: the public health perspective; *The Scientific World Journal*, Article ID 460215, 11 pages <http://dx.doi.org/10.1155/2013/460215>. **(Foreign; United Kingdom).**

- xv. Okoh, A.I., Cwala, Z.N., Ngqwala, N.P., Igbinsola, E.O., **Odjadjare, E.O.** and Okoh, O.O. (2012). Assessment of *Listeria* bacteria abundance and physicochemical quality of the effluents of a typical semi-urban wastewater treatment in South Africa. *Journal of Pure and Applied Microbiology*, 6(4): 1645-1652. **(Foreign; India)**.
- xvi. Igbinsola, E.O., Uyi, O.O., Igbinsola, I.H., **Odjadjare, E.E.**, Adewole, E.M. and Orhue, P.O. (2012). Assessment of physicochemical qualities, heavy metal concentrations and bacterial pathogens in Shanomi Creeks in the Niger Delta, Nigeria. *African Journal of Environmental Science and Technology*, 6(11): 419 - 424. Available online at <http://www.academicjournals.org/AJEST>; DOI: 10.5897/AJEST12.038 **(Foreign; Kenya)**.
- xvii. **Odjadjare E.E.**, Igbinsola E.O., Mordi R., Igere B., Igeleke C.L., Okoh A.I. (2012) Prevalence of multiple antibiotics resistant (MAR) *Pseudomonas* species in the final effluents of three municipal wastewater treatment facilities in South Africa. *International Journal of Environmental Research and Public Health*, 9(6):2092-2107. doi:[10.3390/ijerph9062092](https://doi.org/10.3390/ijerph9062092). **(Foreign; Switzerland)**.
- xviii. Igbinsola, E.O., **Odjadjare, E.E.**, Igbinsola, I.H., Orhue, P.O., Omoigberale, M.M.O. and Amhanre, N.I. (2011). Antibiotic synergy interaction against multidrug resistant *Pseudomonas aeruginosa* isolated from an abattoir effluent environment. *The Scientific World Journal*, Article ID 308034; doi:10.1100/2012/308034. **(Foreign; United Kingdom)**.
- xix. **Odjadjare E.E.O.**, Igbinsola E.O. and Okoh A.I. (2011). Microbial and Physicochemical quality of an urban reclaimed wastewater used for irrigation and aquaculture in South Africa. *African Journal of Microbiology Research*, 5(15):2179-2186. Available online <http://www.academicjournals.org/ajmr>. **(Foreign; Kenya)**.
- xx. Igbinsola, O.O., Igbinsola, I.H., Chigor, V.N., Uzunuiqbe, O.E., Oyedemi, S.O., **Odjadjare, E.E.**, Okoh, A.I. and Igbinsola, E.O. (2011). Polyphenolic contents and antioxidant potential of stem bark extracts from *Jatropha curcas* (Linn). *International Journal of Molecular Sciences*, 12: 2958-2971; doi:10.3390/ijms12052958. www.mdpi.com/journal/ijms. **(Foreign;**

Switzerland).

- xxi. **Odjadjare, E.E.O.,** Obi, L.C. and Okoh, A.I. (2010). Municipal wastewater effluents as a source of listerial pathogens in the aquatic milieu of the Eastern Cape Province of South Africa: a concern of public health importance. *International Journal of Environmental Research and Public Health*, 7:2376-2394; doi: 10.3390/ijerph7052376. **(Foreign; Switzerland).**
- xxii. **Odjadjare, E.E.O. and** Okoh, A.I. (2010). Prevalence and distribution of *Listeria* pathogens in the final effluents of a rural wastewater treatment facility in the Eastern Cape Province of South Africa. *World Journal of Microbiology and Biotechnology*, 26: 297-307. DOI 10.1007/s11274-009-0174-4. **(Foreign; Netherlands).**
- xxiii. **Odjadjare, E.E.O. and** Okoh, A.I. (2010). Physicochemical quality of an urban municipal wastewater effluent and its impact on the receiving environment. *Environmental Monitoring and Assessment*, 170: 383–394. Doi: 0.1007/s10661-009-1240-y. Available at: <http://www.springerlink.com/content/bw8x83467383g556/>. **(Foreign; Netherlands).**
- xxiv. **Odjadjare E.E.O.,** Ajisebutu, S.O., Igbinsosa, E.O., Aiyegoro, O.A., Trejo-Hernandez, M.R. and Okoh, A.I. (2008). Escravos light crude oil degrading potentials of axenic and mixed bacterial cultures. *Journal of General and Applied Microbiology*. 54: 277-284. **(Foreign; Japan).**
- xxv. Ogunmwonyi, I.N., Igbinsosa, E.O., Aiyegoro, O.A. and **Odjadjare, E.E.** (2008) Microbial analysis of different top soil sample. *Scientific Research and Essay*, 3(3): 120-124. **(Foreign; Kenya).**
- xxvi. Aiyegoro, O.A., Igbinsosa, O.O., Ogunmwonyi, I.N., **Odjadjare, E.E.,** Igbinsosa, O.E. and Okoh, A.I. (2007). Incidence of urinary tract infections (UTI) among children and adolescents in Ile-Ife, Nigeria. *African Journal of Microbiological Research*, 1(2):013-019 Available online at <http://www.academicjournals.org/AJMR>. **(Foreign; Kenya).**

- xxvii. Okoh, A.I., **Odjadjare, E.E.**, Igbinosa, E.O. and Osode, A.N. (2007). Wastewater treatment plants as a source of microbial pathogens in receiving watersheds. *African Journal of Biotechnology*, 6(25):2932-2944. Available online at <http://www.academicjournals.org/AJB>. **(Foreign; Kenya)**.
- xxviii. Igbinosa O.E., **Odjardare, E.E.**, Akpor, O.B., Aiyegoro, O.A. and Ogunmwonyi I.H. (2006). Incidence and prevalence of *Aeromonas* species from retail food: public health implications. *Sciencefocus* 12(2):19-22. **(National; Ogbomoso)**.
- xxix. Shonukan O.O., Igbinosa O.E. Akpor, O.B. and **Odjadjare E.E.** (2005). Degradation of carboxymethylcellulose by soil bacteria. *Journal of Applied and Basic Sciences*, 3(1 & 2): 60 - 64. **(National; Nigeria)**.
- xxx. Okoh, A.I., Bakare, M.K., Okoh, O.O. and **Odjadjare, E.** (2005). The culturable microbial and chemical qualities of some waters used for drinking and domestic purposes in a typical rural setting of Southwestern Nigeria. *Journal of Applied Sciences* 5(6): 1041 – 1048. **(Foreign; Pakistan)**.

d). Others: Dissertation/Thesis

- i. Odjadjare, E.E.O. (2000). Microorganisms associated with petroleum-polluted soils. B.Sc. (Hons.) dissertation, Ambrose Alli University Ekpoma, Nigeria.
- ii. Odjadjare, E.E.O. (2006). A Comparative bacteria diversity index of soils with petroleum pollution in some parts of Southern Nigeria. M.Sc. thesis, Obafemi Awolowo University Ile-Ife, Nigeria.
- iii. Odjadjare, E.E.O. (2010). Prevalence of *Listeria* pathogens in effluents of some wastewater treatment facilities in the Eastern Cape Province of South Africa. Ph.D thesis, University of Fort Hare Alice, South Africa.

5. Membership/Fellowship of Professional Bodies

- i. Fellow, InterAcademy Partnership on Science Advice for Policy (2019).
- ii. Fellow, African Science Leadership Programme (ASLP), 2017/2018 Cohort.
- iii. Fellow, Nigerian Young Academy 2017, Cohort.
- iv. Ambassador/Member, New York Academy of Sciences, 2016

- v. Member: American Society for Microbiology (ASM), 2013 to date.
- vi. Member, International Society for Infectious Diseases (ISID), 2012 to date.
- vii. Member, Nigerian Young Academy (NYA), 2012 to 2017.
- viii. Member, Nigerian Society for Biochemistry and Molecular Biology (NSBMB), 2010 to date.
- ix. Member, South Africa Society for Microbiology (SASM), 2009 to date.
- x. Member, Water Institute of Southern Africa (WISA), 2009 to date.

6. Prizes/Honours/Award/Distinctions

a). Research Grants

- i. Team Leader, IAP-CARNEGIE Research Grant proposal on “The State of Early-Career Women Scientists in West Africa (2017). This research grant (\$25,000) was won on behalf of the Nigerian Young Academy in collaboration with the Nigerian Academy of Science and sister Academies in West Africa.
- ii. Leading Team Member, TWAS-ROSSA Young Scientists’ Conference grant proposal (2016). This grant (\$25,000) was won on behalf of the Nigerian Young Academy in collaboration with the Nigeria Academy of Science to host the 2016 TWAS-ROSSA Young Scientists’ International Conference and 6th General Assembly of the Nigerian Young Academy.
- iii. Recipient, Benson Idahosa “Seed Money” for research (2014).
- iv. Principal Investigator, International Foundation for Science (IFS; Sweden) grant (\$12,000) to carry out research on “Bioremediation of Soil Contaminated with Crude Petroleum: resolving the biomass/biodegradation paradox” (2012).
- v. Principal Investigator, International Society for Infectious Diseases (ISID; U.S.A) grant (\$6,000) to carry out research on “Molecular epidemiology of *Vibrio* species isolated from environmental, food and clinical samples in a fast growing semi-urban town in the Niger Delta Region of Nigeria” (2012).

b). Others

- i. Certificate of Achievement, Wellcome Trust Advanced Course on “Bacterial Genomes: from DNA to Protein Function Using Bioinformatics”, 3rd July, 2018. Wellcome Genome Campus Advanced Courses and Scientific Conferences, Wellcome Sanger Institute, Wellcome Genome Campus, Hinxton CB10 1SA, United Kingdom.
- ii. President, Nigerian Young Academy (2015 to 2017).
- iii. Benson Idahosa University Staff for the Month of October, 2015 (BIU Staff Profile).
- iv. Travel grant to attend the TWAS-ROSSA Annual Young Scientists Conference held between 15 and 19, September, 2015 at Birchwood Hotel and OR Tambo Conference Centre, Johannesburg, Gauteng, South Africa.
- v. Travel grant to attend the ‘2nd Worldwide Meeting of Young Academies and Joint Conference on 'Scientific Support for Policy Making in Sustainable Development: Joining forces' held at the Royal Swedish Academy of Sciences Stockholm, between 16 and 18 of November, 2015.
- vi. Bursary award to participate at the Wellcome Trust Advanced Course: Molecular Approaches to Clinical Microbiology in Africa, holding in Blantyre, Malawi between 10 and 16 September, 2011. Sponsored by Wellcome Trust, United Kingdom.
- vii. Fellowship Award from Federation of European Biochemical Societies (FEBS) to attend the Advanced Summer School on Molecular Mechanisms of Viral Infection and Propagation, 06-14 March, 2010, organized by FEBS/IUBMB/ICGEB/FASBMB/UNESCO at Hermanus, Western Cape, South Africa.
- viii. Travel Grant to attend and participate in the Water Institute of Southern Africa (WISA) Biennial Conference and Exhibition from 18-22 April, 2010 under the auspices of Govan Mbeki Research and Development Centre, University of Fort Hare, Alice.
- ix. PhD Scholarship (2007-2009), under the auspices of Govan Mbeki Research and Development Centre, University of Fort Hare, Alice, South Africa.
- x. Travel Grant to attend and participate in EnviroWater 2009 conference from 2-4 March 2009 under the auspices of Govan Mbeki Research and Development Centre, University of Fort Hare, Alice, South Africa.
- xi. Travel Award from the South African Society for Microbiology (SASM) to attend the SASM/BIO2BIZ congress from 20-23 September 2009.

- xii. Travel Grant to attend and participate in SASM/BIO2BIZ congress from 20-23 September 2009 under the auspices of Govan Mbeki Research and Development Centre, University of Fort Hare, Alice, South Africa.
- xiii. President, Nigerian Association of Microbiology Students (NAMS), Ambrose Alli University Chapter (1998/99)
- xiv. Secretary, Nigerian Association of Microbiology Students (NAMS), Ambrose Alli University Chapter (1997/98)
- xv. President, Warri Zonal Junior Engineers Technicians and Scientists (JETS) Club (1993/94)
- xvi. President, Uwangue College Junior Engineers Technicians and Scientists (JETS) Club (1993/94)

SECTION C. ADMINISTRATIVE EXPERIENCE

1. Deanship/Directorship/Headship/Co-ordinatorship Experience

| S/N | Employer | Designation | Date |
|-----|---------------------------------------|--|---|
| 1. | Benson Idahosa University, Benin City | Acting HOD, Department of Basic Sciences, Benson Idahosa University. | 22 nd of February to 7 th of March, 2016. |
| 2. | Benson Idahosa University, Benin City | Head, Microbiology Unit, Department of Basic Sciences, Benson Idahosa University, Benin City, Nigeria. | March 2013 to 2017. |
| 3. | Benson Idahosa University, Benin City | Faculty Examination Officer, Faculty of Basic and Applied Sciences (FBAS), Benson Idahosa University. | 2012 to 2017. |
| 4 | Benson Idahosa University | Ag. Head, Department of Biological Sciences, Benson Idahosa University, Benin City, Nigeria. | 2017 to date |

2. Service on University Committees

- i) Ag. Chairman, Committee on the Actualization of BIU/BEDC Partnership (2019)
- ii) Faculty of Science Representative, Benson Idahosa Research Directorate (2018 to date).
- iii) Member, Benson Idahosa University Quality Assurance Committee
- iv) Member, Central Organizing Committee, Proposed International Scientific and Innovation Conference; 2015 to date.

- v) Chairman, Committee on the production of guidelines for Postgraduate Thesis in the PGD, M.Sc. and Ph.D. programmes of the Department of Basic Sciences (Biochemistry, Microbiology, Geo-physics and Physics Units); October, 2015.
- vi) Member, Benson Idahosa University Waste to Energy Committee; 2015 to 2017.
- vii) Member, Committee on the Establishment of Benson Idahosa University Centre for Research and Control of Emerging Diseases”. December. 2014
- viii) Member, Committee on the establishment of a Centre for Human Virology (Benson Idahosa University), August, 2014.
- ix) Member, Committee on the Harmonization of Programmes in Biology, August, 2014.
- x) Member, Research Development and Institutional Advancement Committee, Benson Idahosa University, Benin City; December 2013 to 2017.
- xi) Chairman, Ad-hoc Committee on the visit of Researchers from the National Institute for Health (NIH), United States of America (2013).
- xii) Chairman, Research Project Committee, Department of Basic Sciences 2013 to 2015.
- xiii) Secretary, Departmental Board of Studies and Examiners, Department of Basic Sciences, Benson Idahosa University, Benin City (2013 to 2015).
- xiv) Member, Departmental Board of Postgraduate Studies, Department of Basic Sciences (2012 to date)
- xv) Member, Ad-hoc Committee for the establishment of a degree programme in Forensic Science at Benson Idahosa University, Benin City. 2014.
- xvi) Member, Editorial Board, Journal of Basic and Applied Sciences, a publication of the Faculty of Basic and Applied Sciences, Benson Idahosa University, Benin City, Nigeria. 2014 to date.

3. Services to Relevant Public Bodies:

- i) Facilitator/Organizer, Capacity Building Workshop for Young (Early-Career) Women Academics in Nigeria held in conjunction with Nigerian Academy of Science and the United States Consulate Lagos, at the Alumni Centre of the College of Medicine of University of Lagos, Idi-Araba, Lagos between 15th and 16th of June, 2016.

- ii) Facilitator/Organizer, Research for Development Workshop held in conjunction with the Nigerian Academy of Science and the National Mathematical Centre (NMC) at NMC Abuja, between 5th and 7th of August, 2015.
- iii) Chairman, Central Organising Committee (COC), Nigerian Young Academy (NYA) 5th General Assembly and National Conference held at Federal University of Technology (FUT), Minna, Niger State between 18th and 21st of May, 2015.

4. Names and Addresses of Three Referees

- i. Prof. Bernard Slippers, Ag. Director, Future Africa, University of Pretoria; Director: Forestry and Agricultural Biotechnology Institute (FABI); Professor: Department of Biochemistry, Genetics and Microbiology, University of Pretoria, South Africa; Email: bernard.slippers@fabi.up.ac.za; web: www.fabinet.up.ac.za/bslippers; Phone: +27124202463.
- ii. Prof. Oyewale Tomori, Renowned Virologist and Former President of the Nigerian Academy of Science. Email: oyewaletomori@gmail.com; Phone: +234 803 499 6524.
- iii. Prof. Anthony I. Okoh (FWISA). Deputy Dean, Research and Internationalization, Faculty of Science and Agriculture, Director, Director, SAMRC Microbial Water Quality Monitoring Centre, University of Fort Hare, Alice, South Africa. Tel: +27 (0) 40 602 2365; Cell: +27(0)822249760; Fax: +27 (0) 866286824; Email: aokoh@ufh.ac.za; www.mrc.ac.za/Microbial/Microbial.htm; www.ufh.ac.za/centres/aemreg/



Signature

30-01-2020

Date