

LIST OF CONFERENCES AND SYMPOSIA ATTENDED

1. Orji, F.A., Lawal, A.K., Olatope, S.O.A., Fashola, F., Ita, B., and Elemo, G.N. (2017). Aflatoxin screening in cellulase –producing strains of *Aspergillus flavus*. Conference presentation at the Annual conference of the Mycotoxicology Society of Nigeria held at Akinyele Auditorium, Federal Institute of Industrial Research, Oshodi, Lagos State, November 1-3, 2017.
2. Orji, F.A., Dike, E.N, Lawal, A.K., Sadiq, A.O., Olatope, S.O.A., Famotemi , AC., Fashola, F., Suberu, Y.L., Ita, B., Ugbana, A.I., Itoandon, E.E., Olodu, O.E., and Elemo, G.N. (2015). Properties of Cellulase Produced by Solid State Fermentation of Brewers’ Spent Grain (BSG) Using *Aspergillus flavus*. Poster presentation at the Annual conference of the Nigerian Society of Microbiology, held at University of Lagos, September 1-5, 2015.
3. Orji, F.A, and Okerentugba, P.O., and Ibiene, A.A., Mbakwem-Aniebo, C. (2014). Microbiological and physico-chemical studies on petroleum hydrocarbon–impacted soil undergoing bioremediation on amendment with spent mushroom composts in the Niger Delta. 7th Conference of the Mycological Society of Nigerian Society of Nigeria on the Mycologists in a Developing Economy, held at University of Benin, Benin City, between 9th November to 12th November, 2014. Book of Abstract Pp37-38.
4. Orji, F.A, Ibiene, A.A., and Okerentugba, P.O. (2014). Microbiological and physico-chemical studies on Petroleum hydrocarbon–impacted soil undergoing bioremediation on amendment with spent mushroom composts in the Niger Delta. 37th Conference of the Nigerian Society of Microbiology on Microbial Biotechnology as a Panacea for sustainable national development, held at Ahmadu Bello University, Zaria between 2nd September to 5th September, 2014. *Book of Abstract*, Pp138-139.
5. Orji, F.A. Town and gown: Utilizing research products for accelerated development in Nigeria, *Lead Paper* Presented at the National conference of the Academic Staff Union of Polytechnics (ASUP), held between 23rd April to 25th April, 2013 at Hotel Presidential, Port Harcourt, Nigeria.
6. 35th Conference of the Nigerian Society of Microbiology, Microbiology in the Industry, Health, Environment and Food, Nnamdi Azikiwe University, Awka, Nigeria, 8th October to 13th October, 2012.
7. Symposium of the Association of Industrial Microbiologists’ of Nigeria, The Application of HACCP in improving the quality of finished products, FIRO Auditorium, Oshodi, Lagos. 14th September, 2011.

8. 32nd Conference of the Nigerian Society of Microbiology, Microbiology and Sustainable Development. Abia State University. 23rd October to 26th October, 2008

LIST OF ACADEMIC PUBLICATIONS

1. Orji, F.A., Okerentugba, P.O., Ibiene A.A., and Lawal, A.K. (2018). Culture-dependent microbiological, and enzyme properties of petroleum hydrocarbon contaminated agricultural soil in the Niger Delta, *Journal of Environmental Protection* (In press).
2. Ogoto, A.C., Ugbogu, O.C., Onyeagba, R.A., and Orji, F.A. (2017). Dynamics of functional properties of sorghum flour fermented with lactic acid bacteria (LAB)-consortium isolated from cereal, *International Food Research Journal*, 24 (6): 2666-2671
3. Onwuka, F.O., Orji, F.A., Uzeh, R.E., and Ugoji, E.O. (2017). Optimization for submerged production of cellulase using rice husks as substrate, *Journal of Industrial Research and Technology*, 6 (1): 46-62.
4. Onwuka, F.O., Orji, F.A., Uzeh, R.E., and Ugoji, E.O. (2017). Properties of bacterial cellulases and secondary metabolites of cellulolytic bacterial fermentation of rice husks, *Asian Journal of Biotechnology, and Bioresource Technology*, 2(1): 1-7.
5. Orji, F.A., Edeh, C.P., Okosesi, E.A., Lawal, A.K., and Elemo, G.N. (2017). Properties of phyto-pathogenic *Pseudomonas* spp cellulase produced by submerged fermentation of Brewers Spent Grain, *Journal of Industrial Research and Technology*, 6(1): 227-236.
6. Orji, F.A., Fashola, F., Lawal, A.K., and Dike, E.N. (2016). Identification of co-factor behaviour of manganese ion on cellulase from atoxigenic *Aspergillus flavus* M15 strain, *Nigerian Journal of Microbiology*, 30 (2): 3580-3586.
7. Orji, F.A., Okon, U.E., Magaji, M.B., and Ogwo, E. (2016). Microbiological and Heavy metal qualities of soil samples from communities around a cement factory in Ogun state, Nigeria, *Nigerian Journal of Microbiology*, 30 (2):3544-3552.
8. Ibiene, A.A., Orji, F.A., and Aghaji, C.I. (2016). Bacterial degradation of cyanide in cassava waste water effluent from a cassava processing plant in Oyigbo, Port Harcourt, South-South, Nigeria. *Journal of Industrial Research and Technology*, 5(1): 20-31.
9. Abikoye, E.T., Ajao, O.M., Orji, F.A., Okorie, P.C., and Lawal, A.K. (2016). Studies on the activity of Cellulase isolated from Nigerian strain of *Pleurotus pulmonarius*, *Journal of Industrial Research and Technology*, 5(1): 147-154.

10. Orji, F.A., Dike, E.N., Lawal, A.K., Sadiq, A., Fashola, F., Suberu, Y.L., Famotemi, A.C., Ita, B., Ugbana, A.I., Adefiranye, A.O., Itoandon, E.E., Elemo, G.N. (2016). Properties of *Aspergillus flavus* Cellulase Produced from Solid State Fermentation of Brewers' Spent Grain (BSG) as Substrate, *British Biotechnology Journal*, 13(1): 1-9.
11. Orji, F.A., Dike, E.N., Lawal, A.K., Sadiq, A.O., Suberu, Y., Famotemi, C., Ugbana, A.I., Fashola, F., Ita, B., Olatope, S.O.A., Itoandoan, E.E., Adefiranye, A.O., Elemo, G.N. (2016). Properties of *Bacillus* species Cellulase Produced Using Cellulose from Brewers Spent Grain (BSG) as Substrate. *Advances in Bioscience and Biotechnology*, 07(03):142-148.
12. Famotemi, A. C; Lawal, A. K., Dike, E.N., Olatope, S. O.A., Shittu K.A., Itoandon, E.E., Kehinde, M. O., Orji, F.A. and Elemo, G.N. (2015). Production of Pectinase from Strains of *Aspergillus niger* using Corn Pomace by Solid State Fermentation (SSF). *International Journal of Advanced Research in Biological Sciences*, 2(5): 93-99.
13. Alebiosu, F.A., Lawal, A.K., Olatope, S.O., Suberu, Y.L., Shittu, K.A, Orji, F.A., Adelaja, O.D., Ugbana, A.I, Esan, A.O., Dike, E.N., and Elemo, G.N. (2015). Production of xylanses from fungal isolates by solid state fermentation using sugar cane, bagasse, *International Journal of Current and Applied Sciences*, 4 (12): 327-331.
14. Orji, F.A. (2015). Spent *Pleurotus* compost bioremediation of petroleum hydrocarbon-polluted soil. Ph.D. Dissertation submitted to the College of Graduate Studies, University of Port Harcourt, Nigeria (Supervisors: Dr. Ibiene, A.A., and Professor Okerentugba, P.O.)
15. Lawal, A.K., Banjoko, A.M., Olatope, S.O.A., Alebiosu, F.A., Orji, F.A., Suberu, Y.L., Itoandon, E.E., Shittu, K.A., Adelaja, O.D., Ojo, E., Dike, E.N., and Elemo, G.N (2014). Production and partial purification of glucoamylase from *Aspergillus niger* isolated from cassava peel soil in Nigeria, *African Journal of Biotechnology*, 13(21): 2154-2158.
16. Okerentugba, P.O., Orji, F.A., Ibiene, A.A., Elemo, G.N. (2015). Spent mushroom compost bioremediation of petroleum hydrocarbon contaminated soil: A review. *Global Advanced Journal of Environmental Science and Toxicology*, 4(1):001-007.
17. Ibiene, A.A., Orji, F.A., and Okerentugba, P.O., Dike, E.N. (2015). Physico-chemical and microbiological characterization of spent mushroom composts from three different agro-based wastes. *Journal of Advances in Biology and Biotechnology*, 3(4):173-183.

18. Kehinde, M.T., Oluwafemi, F., Itoandon, E.E., and Orji, F.A. (2014). Fungal profile and aflatoxin contamination in poultry feeds sold in Abeokuta , Ogun State, Nigeria, *Nigerian Food Journal*, 32 (1): 73-79.
19. Ajunwa, O.M., Odeniyi, O.A., Adeleke, A.J., Orji, F.A., Ewanisha, J.U., and Obidah, J.S. (2014). Application of polyurethanes foam matrix immobilizer in the production of thermostable alkaline protease by *Bacillus subtilis* isolated from barbecue spots. *Journal of Biological Sciences*, 14 (7): 472-429.
20. Iheanacho, C.C., Okerentugba, P.O., Orji, F.A., Ataikiru, T.L. (2014). Hydrocarbon degradation potentials of indigenous fungal isolates from a petroleum hydrocarbon contaminated soil in Sakpenwa community, Niger Delta. *Global Advanced Research Journal of Environmental Sciences and Toxicology*, 3 (1): 006-011.
21. Lawal, A.K., Banjoko, A.M., Olatope, SOA., Alebiosu, F.A., Orji, F.A., Suberu, Y.L., Itaoandon, E.E., Shittu, K.A., Adelaja, O.D., Ojo, E., Dike, E.N., and Elemo, G.N. (2014). Production and partial production of amylase by *Aspergillus niger* isolated from Cassava peel, *Journal of Basic and Applied Sciences*, 10: 287-291.
22. Lawal, A.K., Banjoko, A.M., Olatope, SOA., Alebiosu, F.A., Orji, F.A., Suberu, Y.L., Itaoandon, E.E., Shittu, K.A., Adelaja, O.D., Ojo, E., Dike, E.N., and Elemo, G.N. (2014). Production and Partial purification of glucoamylase from *Aspergillus niger* isolated from cassava peel soil in Nigeria, *African Journal Of Biotechnology*, 13(21): 2154-2158.
23. Orji, F.A., Dike, E.N., Lawal, A.K., Elemo, G.N., Olatope, S.O.A., Famotemi, A.C., Itoandon, E.E., Suberu, Y.L., Asieba, G.O., Sadiq, A.O., Olasore,O., Okafor, E.N., Ugbana, A.I. and Adefiranye, A.O. (2013). Production of Cellulase from *Bacillus* species Using Cellulose from Brewers Spent Grain (BSG) as Sole Carbon Source, *Asian Journal of Microbiology, Biotechnology & Environmental Sciences*,15(4):839-848.
24. Teniola O.D., Akinola S.O., Dike E.N., Elemo G.N., Olatope S.O.A., Itoandon, E.E., Famotemi A.C., Esan A, Orji F.A., and Buhari, F. (2013).Effect of pure microbial recovered from carbonated and non-carbonated fruit juice from freshly produced Pineapple Juice. *Global Advanced Journal of Biotechnology*, 2 (2): 017-022.
25. Orji, F.A, Ibiene, A.A., and Okerentugba, P.O. (2013). Bioremediation of petroleum hydrocarbon polluted Mangrove Swamps in the Niger Delta using Cow dung, *American Journal of Environmental Sciences*, 9(4): 348-366.

26. Orji, F.A., Nwachukwu, N.C., Onyia, A.U., and Nkwocha, M (2013). Phytochemical and antimicrobial properties of leaves of African mistletoe (*Loranthus micranthus*) on some selected microbial pathogens in Abia State, Nigeria, *Global Advanced Journal of Microbiology (GARJM)*, 2(1): 11-16.
27. Orji, F.A., Ibiene, A.A., Dike, E.N (2012). Laboratory Scale Bioremediation of petroleum hydrocarbon polluted Mangrove Swamps in the Niger Delta using Cow dung, *Malaysian Journal of Microbiology*, 8(4):219-228.
28. Orji, F.A., Ibiene, A.A., Uzomba, P.C., Itoandoan, E.E., and Nwachukwu, N.C (2012). Cow dung and Water hyacinth Nutrient Powder: Good sources of limiting nutrient for bioremediation of hydrocarbon polluted mangrove swamps in the Niger Delta, *Nigerian Journal of Agriculture, Food, and Environment*, 8(2):52-58.
29. Orji, F.A., Ibiene, A.A., and O.C. Ugboogu (2012). Petroleum hydrocarbon pollution of mangrove swamps: The promises of remediation by enhanced natural attenuation. *American Journal of Agriculture and Biological Sciences*, 7:207-216.
30. Itoandon, E. E., Olatope, S. O. A., Orji, F.A., Morenike, O., Shittu, K. A., and Adebajo, L.O. (2011). Studies on production and activities of amylase, Cellulase and pectinase enzymes of *Bacillus* and *Aspergillus* species from stale fast foods, *Nigerian Journal of Agriculture, Food and Environment*, 7(4); 81-91.
31. Ibiene, A.A., Orji, F.A., and Orji-Nwosu, E.C. (2011). Microbial population dynamics in Crude Oil polluted Soils in the Niger Delta. *Nigerian Journal of Agriculture, Food, and Environment*, 7(3); 8-16.
32. Ibiene, A.A., Orji, F.A., Ezidi, C. O. and Ngwobia, C.L. (2011). Bioremediation of Hydrocarbon contaminated soil in the Niger Delta, using Spent Mushroom Compost, and other Organic Wastes. *Nigerian Journal of Agriculture, Food, and Environment*, 7(3); 1-7.
33. Orji, F.A., Nwachukwu, N.C., Iheukwumere, I., and Emeana, U. (2011). Group B streptococcal (GBS) among infants in Port Harcourt city, Nigeria. *Australian Journal of Basic and Applied Sciences*, 5(7): 1114-1118.
34. Orji, F.A., N.C. Nwachukwu, and Udora, E.C. (2009). Bacteriological evaluation of Diabetic ulcers in Nigeria. *African Journal of Diabetes Medicine (United Kingdom)* 15(11): 1-3.
35. Nwachukwu NC, Orji F.A., Iheukwumere I. and Igwo K.C. (2010). Isolation and Characterization of *Listeria monocytogenes* from Different Indigenous Vegetables

Consumed in Okigwe, Imo State, Nigeria, *Australian Journal of Basic and Applied Sciences*, 4(7): 1341-1350.

36. Nwachukwu, N.C, Orji, F.A., Iheukwumere, I. and Ekeleme, U.G.(2010). Antibiotic Resistant Environmental Isolates of *Listeria monocytogenes* from Anthropogenic Lakes in Lokpa-Ukwu, Abia State of Nigeria, *Australian Journal of Basic and Applied Sciences*, 4(7): 1571-1576.

37. Nwachukwu, N.C., Orji, F.A., and Amaike, J.I. (2010). Antibiotic –resistant *Salmonella* species in pork on display for sale in Umuahia, Abia State-Nigeria. *Research Journal of Agriculture and Biological Sciences*, 6(6): 750-753.

38. Nwachukwu, N.C., Orji, F.A., and Okike, U.M. (2009). Antibiotic susceptibility patterns of bacterial isolates for surgical wounds in Abia State Teaching Hospital (ABSUTH), Aba-Nigeria, *Research Journal of Medicine, and Medical Sciences*, 4(2): 575-579.

39. Nwachukwu, N.C., Orji, F.A., and Amaike, J.I. (2009). Isolation and characterization of *Listeria monocytogenes* from kunu, a locally produced beeverage sold in different markets in Abia State-Nigeria, *Australian Journal of Basic and Applied Sciences*, 3(2): 4432-4436.

40. Nwachukwu, N.C., Orji, A., Kanu, I., and Okereke, H.C. (2009). Epidemiology of Pulmonary Tuberculosis in Some Parts of Abia State, Federal Republic of Nigeria. *Asian Journal of Epidemiology*, 2: 13-19.

41. Nwachukwu, N.C. and Orji, A. (2008). *Streptococcus pneumoniae* carriage rates among infants. *MERA; African Journal of Respiratory Medicine*. (37): 16-17.

42. Nwachukwu, N.C. and Orji, A. (2008). Seroprevalence of Human Immunodeficiency Virus among Some fresh Nigerian Graduates. *Asian Research Journal of Immunology*: 1(2):51-55.

43. Nwachukwu, N.C., Orji, A., and Obasi, E. (2009). Human respiratory tract pathogens associated with asphalt production. *MERA: African Journal of Respiratory Medicine (United Kingdom)*, 5(1):13-15

44. Ugbogu, O.C., Nwaugo, V.O., Orji, A., and Ihuoma, N. (2007). Quinolone resistant *Staphylococcus aureus* in Okigwe, Imo State, Nigeria, *Journal of Biological Sciences (Pakistan)*, 7(4):697-700.

TEXT BOOK CHAPTERS

1. Nkechi Chuks Nwachukwu, Frank Anayo Orji and Ositadinma Chinyere Ugbogu (2013). Health Care Waste Management – Public Health Benefits, and the Need for Effective Environmental Regulatory Surveillance in Federal Republic of Nigeria, *In: Current Topics in Public Health*, (Alfonso J. Rodriguez-Morales-Editor), 1st Edition, Intech Publishers, Rijeka, Croatia. pp 149-178.
2. N.C. Nwachukwu and F.A. Orji (2012). Studies on the Isolation of *Listeria monocytogenes* from Food, Water, and Animal Droppings: Environmental Health Perspective, Chapter 8, *In: Environmental Health-Emerging issues and practice* (Jacques Oosthuizen-Editor), 1st Edition, InTech Publishers, Rijeka, Croatia. pp 179-196.
3. N.C. Nwachukwu and F.A. Orji (2012). Introduction in Mycology *In: Introductory Mycology*, Chapter One, (Nwachukwu, N.C. –Editor), Crystal Publishers, Okigwe-Imo State, Nigeria.

SOME SELECTED TRAININGS

1. Intensive National Workshop on Research Grant Writing and Administration, organized by the National Universities commission, OpenAir African Innovation Research and the Lagos State University, Ojo, Lagos-Nigeria held between 12th -14th February, 2018.
2. Capacity Building workshop on the roles of Molecular Biology and Bioinformatics in 21st Century Research, organized by Inqaba Biotech West Africa and Federal Institute of Industrial Research, Oshodi at FIRO Molecular Biology Laboratory between 15-16th August, 2017.
3. Capacity Building workshop on Commercial organic farming, Application of organic fertilizer and Agric business, organized by Dynapharm International , Nigeria held on 11th May, 2017 at Akinyele Auditorium of the Federal Institute of Industrial Research, Oshodi, Lagos State
4. Mycotoxin analyses using traditional and advanced system, organized by r-Biopharm, between 7-8th September, 2016 at de Renaissance Hotel, Ikeja- Lagos Nigeria.