

BIOGRAPHICAL SKETCH

NAME: ODUNOLA, Oyeronke Adunni (Maiden name: Osowole)	POSITION/TITLE - PROFESSOR Head of Department & Director of Research, Cancer Research and Molecular Biology Laboratories, Department of Biochemistry, College of Medicine, University of Ibadan (UI), Ibadan, Nigeria.
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EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
University of Ibadan, Ibadan, Nigeria	BSc	1984	Biochemistry
University of Ibadan, Ibadan, Nigeria	MSc	1986	Biochemistry
University of Ibadan, Ibadan, Nigeria	PhD	1990	Biochemistry

A. PERSONAL STATEMENT

I am a Professor of Biochemistry with thirty-three (33) years teaching and research experience in cancer research and molecular biology, immuno-oncology, environmental toxicology, nutritional genomics and climate change. I also have expertise in research administration and management, and public engagement. I was a recipient of International Agency for Research on Cancer (1985) and African Petroleum (1989) Travel Grants, University of Ibadan Senate Research Grants (1996, 1999 & 2000). I led the teams that won the DFID, UK-funded Climate Impact Research Capacity and Leadership Enhancement (CIRCLE) Implementation Grant for University of Ibadan (2017, 2018 & 2019).

My research work has focused on the identification of environmental contaminants with clastogenic, mutagenic and/or carcinogenic activities. I have also worked on the identification, isolation and characterization of plant products with antitoxic, anticlastogenic and/or anticarcinogenic potentials using contemporary biochemical and molecular biology techniques and cell lines. This is in addition to genomic studies targeted towards enhancement of the quality and availability of common cash crops and vegetables in relation to climate change.

My strategic interests include capacity building of next generation of researchers and research administrators for the advancement of Innovative Translational Research Outputs (ITRO) for policy formulation, uptake and transformation of the society in line with the Sustainable Developmental Goals.

B. HONOURS, DISTINCTIONS AND MEMBERSHIP OF LEARNED SOCIETIES

Best Graduating Student - B.Sc Biochemistry 1984

Best Graduating Student - M.Sc. Biochemistry 1984

Member, Science Association of Nigeria

Member, Nigerian Society of Experimental Biology (NISEB)

Member, West African Research and Innovation Management Association (WARIMA).

Member, African Society of Drosophilists (ASD)

Member, Society of Toxicology (SOT), USA.

Member, Society of Research Administrators International (SRAI).

Fellow (Honorary), Chemical Society of Nigeria, Kwara Chapter. (FCSN Hon. Kwara)

C. CAREER HISTORY AND POSITIONS

1987-1990 - Assistant Lecturer in Biochemistry.

1990-1993 - Lecturer II in Biochemistry.

1992-2002 - Assistant Hall Warden, Obafemi Awolowo Hall of Residence, UI.

1993-1999 - Lecturer I in Biochemistry.

1999-2008 - Senior Lecturer in Biochemistry.

1999-2010 - Co-ordinator, Postgraduate programme in Biochemistry.

2002-2003 - Warden, Obafemi Awolowo Hall of Residence, UI.

2002-2005 - Co-ordinator, Departmental Examinations.

2003-2007 - Warden, Queen Elizabeth II Hall of Residence, UI.

2008-2013 - Associate Professor of Biochemistry.

2009-2010 - Mentor, AWARD Mentoring Programme.

2009-Date - Director of Research, CRMB Laboratories, Department of Biochemistry, UI.

2010-2012 - Acting Head, Department of Biochemistry, UI.

2012 - Visiting Scientist, Feinberg School of Medicine, Northwestern University and University of Chicago, Chicago. USA. (As part of College of Medicine, U.I Team).

2013 - Professor of Biochemistry.

2013-2015 - Co-ordinator, Departmental Examinations.

2016 - Visiting Research Administrator, Feinberg School of Medicine, Northwestern University and University of Chicago, Chicago. USA.

2015-2019 - Director, Research Management Office, University of Ibadan.

2020 - Head, Department of Biochemistry, University of Ibadan.

D. DETAILS OF RESPONSIBILITIES

I. TEACHING AT THE UNIVERSITY LEVEL

(a) Undergraduate - Areas of Teaching

General and Basic Biochemistry

Cell Biochemistry: Molecular organization of cells; Control of cell proliferation

Chemistry and Biochemistry of nucleic acids: Structure and function; Genome organization, DNA replication and protein biosynthesis.

Protein, carbohydrates and lipid chemistry, Advanced Protein Biochemistry

Basic Enzymology and Techniques in enzymology

Molecular Biology: Gene structure and function; control of gene expression; Genetic engineering;

Model systems for studying embryology at the molecular level

Gene expression in relation to environmental and climatic changes

Basic and Molecular aspects of Immunology

Hybridoma technology and monoclonal antibodies in Medicine

Biochemistry and immunology of prevalent parasitic diseases in tropical Africa - Malaria, HIV, Culture of parasitic protozoa

Forensic Biochemistry: Extraction, purification and clinical uses of antibiotics

Tissue and cell culture techniques.

(b) Postgraduate - Areas of Teaching

Environmental and Experimental Oncology

Molecular basis of the phenotypic derangement in cancer cells

Carcinogens; Clastogens; Mutagens and Cytotoxic drugs, Retroviruses

Molecular and cellular mechanism of carcinogenesis- Cytotoxicity, Necrosis, Apoptosis

Immune response to cancer

Tumour suppressor genes: p53; Rb;

Future prospects for treatment and management of malignant diseases

Biologic and Gene therapy

Structure and Function of Macromolecules,

Nucleic Acids: Properties, Structure and Functions; Sequence analysis, Epigenetic mechanisms

Transposable genetic elements; DNA repair genes; Molecular Chaperones

Human Genome Project

Bioinformatics: Comparative, Functional and Structural Genomics and Metagenomics.

Nanotechnology and its applications

II. UNDERGRADUATE AND POSTGRADUATE RESEARCH SUPERVISION

(a) Completed

Eight (8) PhD Thesis
 Five (5) MPhil Dissertations
 One hundred and twenty-five (125) MSc dissertations
 Over two hundred (200) undergraduate projects.

(b) On-going

Six (6) PhD Thesis
 Five (5) MSc dissertations
 Five (5) BSc projects

III. INTERNAL - EXTERNAL EXAMINER

1999 - date - M.Phil, M.Phil/Ph.D and Ph.D students, University of Ibadan

IV. EXTERNAL EXAMINER

NIGERIA

Undergraduate

2004-2005 - Medical and Dental Students (Part 1 MBBS/BDS Biochemistry Examination): Ladoke Akintola University of Technology (LAUTECH), Ogbomoso, Nigeria.

2010-2015 - Medical and Dental Students (Part 1 MBBS/BDS Biochemistry Examination): Ladoke Akintola University of Technology (LAUTECH), Ogbomoso, Nigeria

2012 - B.Sc Biochemistry Final year students: LAUTECH, Ogbomoso, Nigeria.

2014-2015 - B.Sc Biochemistry Final year students: LAUTECH, Ogbomoso, Nigeria.

2014-2016 - Medical and Dental Students (Part 1 MBBS/BDS Biochemistry Examination): Olabisi Onabanjo University, Ago-Iwoye, Nigeria.

2015-date - B.Sc Biochemistry Final year students: Bells University, Ota, Nigeria.

2016-date - B.Sc Biochemistry Final year students: Ajayi Crowther University, Oyo, Nigeria.

2018-date - B.Sc Biochemistry Final year students: Osun State University, Osogbo, Nigeria.

2018-date - Degree Examination in Medical Biochemistry: Obafemi Awolowo University, Ile-Ife, Nigeria.

Postgraduate

2016 - Ph.D thesis; Department of Cell Biology and Genetics, University of Lagos, Akoka, Lagos, Nigeria.

2018 - M.Sc dissertations; Department of Biochemistry, Osun State University, Osogbo, Nigeria.

2018 - Ph.D thesis; Department of Biochemistry University of Ilorin, Ilorin, Nigeria.

OUTSIDE NIGERIA

2012 - M.Phil dissertation and Ph.D thesis; Department of Biochemistry, University of Ghana, Legon, Ghana.

2014 - M.Phil dissertation and Ph.D thesis; Department of Biochemistry, University of Ghana, Legon, Ghana.

2014 - Ph.D thesis; Department of Environmental Sciences, University of South, Africa, South Africa.

2016 - M.Phil dissertations; Department of Biochemistry, University of Ghana, Legon, Ghana.

2016 - Ph.D thesis; Department of Environmental Sciences, University of the Western Cape, Bellville, South Africa.

V. EXTERNAL ASSESSOR FOR PROMOTION: SENIOR LECTURER, ASSOCIATE PROFESSOR AND PROFESORIAL CADRES

2016 - University of Ghana, Legon, Ghana.

2017 - Ajayi Crowther University, Oyo, Nigeria.

2019 - University of Development Studies, Tamale, Ghana.

VI. RESPONSIBILITIES AS DIRECTOR OF RESEARCH MANAGEMENT OFFICE

Building and providing support services for the university research community
 Sourcing and disseminating funding opportunities
 Sponsored programs administration (pre-award and non-financial post-award - contract and grant development assistance, project review, budget development and justification, etc.)
 Facilitation of proposals' preparation with subcontracts, and research partnerships with external partners and stakeholders
 Organisation and facilitation of hands-on training workshops on grantmanship, proposal writing etc.
 Provision of training on professional development to early- and mid- career researchers
 Chairperson - University of Ibadan, Institutional Research Proposal Review Committee
 Chairperson - Editorial Board, University of Ibadan Research Reports

VI. SELECTION PANEL

Member, Selection Panel, Association of Commonwealth Universities's (ACU) Early Career Conference Grants fund for early career researchers. April, 2019.

E. SELECTED RESEARCH ADMINISTRATIVE EXPERIENCE / INVITED LECTURES

1. **Participant**, Strategic Workshop on Research and Development, African, Leadership Institute, Dayton, Ohio, USA, August 31– September 4, 2015.
2. **Co-ordinator**, DRUSSA Research Uptake Sensitisation and Planning Event – Nigeria. In association with Association of Commonwealth Universities (ACU), University of Ibadan October, 12 -14, 2015.
3. **Delegate**, 9th Annual Conference of the West African Research and Innovation Management Association, University of Ghana, Legon, Ghana, November, 2015.
4. **Organiser**, Workshop on Research and Grant Writing for Doctoral Students in the Institutes and Centres, December, 15 - 16, 2015
5. **Organiser**, Workshop on Research and Grant Writing for Doctoral Students in the Faculties of Basic Sciences, Pharmacy and Veterinary Medicine, February, 24 - 25, 2016
6. **Organiser**, Workshop on Research and Grant Writing for Doctoral Students in the Faculties of Clinical Sciences, Dentistry and Public Health, March, 1 - 2, 2016
7. **Guest Speaker**: Symposium and Workshop for Administrators and Finance Managers of Research Projects. University of Ibadan, Ibadan, Nigeria. April 4, 2016.
Paper Delivered: Strengthening Research Platform at University of Ibadan.
8. **Member**: Ad-Hoc committee for *concept note and proposal preparation* for the University of Ibadan to compete for the “100andChange”, 100Million MacArthur Grant Competition. 2016
9. **Participant**, DRUSSA Leadership and Benchmarking Conference, Reduit, Mauritius, April, 25-27, 2016.
10. **Guest Speaker**: Lecture/Training Workshop for Academic Staff, TY Danjuma Library, Ajayi Crowther University (ACU), Oyo, Nigeria. December 6, 2016.
Paper Delivered: Grant/Proposal Writing
11. **Participant**, Focus Group Discussion (FGD) on “Developing an Effective Model for Research Administration and Management Practices (RAMP) in Universities in Sub- Sahara Africa”, Research and Innovation Office, University of Lagos, Lagos, Nigeria. January, 18, 2017
12. **Participant**, African Research Universities Alliance (ARUA) International Launch Conference, Institute of Statistical Social and Economic Research, University of Ghana, Legon, Ghana. April 3-4, 2017
Paper Delivered: Prospects in Nanotechnology Development and Application for Africa.
13. **Participant**, ACU Structured Training for African Researchers (STARS) Workshop, University of Lagos, Lagos, Nigeria. July, 10-11, 2017
14. **Plenary Lecture Speaker**: 8th Annual Ibadan Sustainable Development Summit (ISDS), CESDEV, August 22 -24, 2017.
Paper Delivered: Research, Innovation and Knowledge Exchange: Veritable Tools for Achieving Sustainable Developmental Goals
15. **Delegate**, 11th Annual Conference of the West African Research and Innovation Management Association, Felix Houphouët University, Abidjan, January 21-26, 2018.
Paper Delivered: Early-Career Researchers' Knowledge of Writing Grant Proposals
16. **Participant**, Urban Africa Risk Knowledge (Urban ARK) Ibadan Project Research (jointly supported by the Economic & Social Research Council (ESRC) and Department for International Development (DFID)) “Project Meeting on Research and Practice, Breaking Cycles of Risk Accumulation and a Sustainable City & Communities, Ibadan, Business School, Ibadan, July 24, 2018.

17. **Facilitator:** Two-Day for Academic Staff on Academic Excellence, Faculty of Pharmacy, University of Ibadan, August 8 - 9, 2018
Paper Delivered: Mentoring and Grantsmanship.
18. **Guest Speaker:** In-House Workshop for Staff of the Directorate of Research Administration and Advancement, National Open University of Nigeria, Abuja, Nigeria. September 13, 2018.
Paper Delivered: Finding your path in Research Administration
19. **Facilitator:** CARTA-UI step-down seminar/training workshop for Research Management Office Staff, Other Faculty and Administrators, September 20, 2018.
Paper Delivered: Finding your path in Research Administration
20. **Chairperson,** Committee on the review of the University Research Policy, Research Management Office's Structure and Operations. 2018.
21. **Co-Chairperson,** LOC, 12th WARIMA International Conference and Workshops Local Organizing Committee, University of Ibadan. Ibadan. November 25 - 30, 2018.
22. **Chairperson,** LOC, Developing the Next Generation of Researchers Workshop organised by The Association of Commonwealth Universities (ACU) in collaboration with University of Ibadan (UI), Otunba Subomi Balogun Conference Centre, University of Ibadan, Ibadan, Nigeria. 2nd – 4th April, 2019.
23. **Resource Person:** Workshop on Research Policy and Research Ethics for Academic Staff (Deans, Directors, HODs, Faculty Research Chairs/Coordinators, Professors and Associate Professors), National Open University of Nigeria, Abuja, Nigeria. 16th & 17th October, 2019.
24. **Facilitator:** A 2-day training workshop on “Building the Next Generation of Mentors” for Early and Mid-Career Researchers”, University of Ibadan, Ibadan, Nigeria 11th & 12th February, 2020
Paper Delivered: Mentor-Mentee Relationship: Scope and Boundaries
25. **Speaker:** A Webinar on Tips on Grant and Proposal Writing with Members of Dove-Haven Foundation, Kogi State, Nigeria. 25th April, 2020.
26. **Speaker:** A Webinar on Grants and Proposal Writing with Academic Staff, Hallmark University, Ijebu-Itele, Ogun State, Nigeria. 7th May, 2020
27. **Guest Speaker:** A Webinar on Cancer Prevention and Survival, First Annual Memorial Cancer Awareness Lecture organised by Ellen Adeyinka Anjorin Cancer Foundation, Lagos State, Nigeria. 7th July, 2020

F. BLOG

Odunola, Oyeronke A (2015). Research Uptake Sensitisation and Planning Event for DRUSSA Universities in Nigeria. http://www.drussa.org/index.php?option=com_content&view=article&id ... 2015/12/09

G. BOOK REVIEW

2012 - Olumbe Bassir Handbook of Practical Biochemistry, Fourth Edition. Department of Biochemistry, University of Ibadan, Ibadan, Nigeria.

H. SELECTED PEER-REVIEWED PUBLICATIONS: Prof. Oyeronke A. ODUNOLA

(Maiden name: **Osowole**)

1. Odugbesan, E.A., **Osowole, O.A.** and Uwaifo A.O. (1988). Effect of antiserum against aflatoxin B₁ induced lysogenesis. *Mutat. Res.* 209, 7-11.
2. Uwaifo, A.O. and **Osowole, O.A.** (1990). Metabolism of aflatoxin B₁ and implications for its carcinogenicity:- In: International programme on chemical safety:- Chemical safety, Metabolism and Toxicity; Collected Lectures. IPCS/WHO, Geneva. Pp 157-163.
3. **Osowole, O.A.**; Tonukari, J.N. and Uwaifo, A.O. (1992). Isolation and partial characterization of pigeon pea protease inhibitor:- Its effect on genotoxic action of aflatoxin B₁. *Biochemi. Pharmacol.* 43(8), 1880-1882.
4. **Odunola, O.A.** (1997). Individual and combined genotoxic response of boric acid and aflatoxin B₁ in *Escherichia coli*, PQ 37. *East Afr. Med. J.:* 74(8), 499-502.
5. **Odunola, O.A.** and Uwaifo, A.O. (1998). Binding reaction of aflatoxin B₁ with immunoglobulin G against aflatoxin B₁-bovine serum albumin complex. *Afr. J. Med. Med. Sci.* 27(122), 1-4.
6. **Odunola, O.A.** and Ola-Davis O.E (2004). Reduction of the clastogenic effect of inorganic arsenic by extracts of some dietary additives. *Bulletin Sci. Assoc. Nig.* 25, 255-259.
7. Oriero, C.E., **Odunola, O.A.**, Lokko, Y., and Ingelbecht ,I. (2006). Analysis of B- genome derived Simple Sequence Repeat (SSR) markers in *Musa* spp. *Afr. J. Biotechnol.* 5(2) 126-128.
8. **Odunola, O.A.**, Gbadegesin, M.A, Owumi, S.E and Uwaifo, A.O. (2007). Petroleum refining chemicals enhance aflatoxin B₁-induced toxicities in wistar rats. *J. Med. Sci.,* 7 (4): 615-619.

9. Moyib O. K., **Odunola, O.A.**, and Dixon A.G.O. (2007). SSR markers reveal genetic variation between improved cassava cultivars and landraces within a collection of Nigerian cassava germplasm. *Afr. J. Biotechnol.* 6 (23): 2666-2674.
10. Akin-Idowu, P.E., **Odunola, O.A.**, Asiedu, R.; Maziya-Dixon, B. and Uwaifo, A.O. (2008). Variation in nutrient and antinutrient contents of tubers from yellow yam (*Dioscorea cayenensis*) genotypes grown at two locations. *J. Food, Agric & Environ.* 6(3&4): 95-100.
11. Gbadegesin, M.A. **Odunola, O.A.**, Akinwumi K.A and Osifeso, O.O. (2009). Comparative hepatotoxicity and clastogenicity of sodium arsenite and three petroleum products in experimental Swiss Albino Mice: The modulatory effects of Aloe vera gel. *Food and Chemical Toxicology* 47: 2454-2457.
12. Badmus, J.A, Adedosu, O.T.; Fatoki, J.O.; Adegbite, A.V.; Adaramoye, O.A. and **Odunola, O.A.** (2011). Lipid peroxidation inhibition and antiradical activities of some leaf fractions of *Mangifera indica*. *Acta of Poloniae Pharmaceutica-Drug Res.* 68 (1): 23-29.
13. **Odunola O.A.**, Gbadegesin M.A, Owumi S.E, Somade O.T. (2012). Induction of Micronuclei in Bone Marrow Cells and Hepatotoxicity of one of the most common Over-the – Counter Pyrethroid Insecticides Products in Nigeria. *Toxicology and Environmental Chemistry*: 94(9), 1822-1831.
14. Muhammad A., **Odunola, O.A.**, Farooq, A.D., Rasheed, H., Mesaik, A.M., Choudhary, M.I., Channa, I.S., Khan, S.A. and Erukainure, O.I. (2013). Molecular Mechanism of Antiproliferation Potential of Acacia Honey on NCI-H460 Cell Line. *Nutrition and Cancer*: 65(2), 296-304. doi: 10.1080/01635581.2013.756920
15. Gbadegesin, M.A, Owumi, S.E, Akinseye, V. **Odunola, O.A** (2014). Evaluation of hepatotoxicity and clastogenicity of carbofuran in male Wistar rats. *Food and Chemical Toxicology*: 65, 115–119.
16. Olugbami J.O., Damoiseaux R., France B., Gbadegesin M.A., Stieg A.Z., Sharma S., **Odunola, O.A.**, Gimzewski, JK. (2017). Atomic force microscopy correlates antimetastatic potentials of HepG2 cell line with its redox/energy status: Effects of curcumin and *Khaya senegalensis*. *Journal of Integrated Medicine*; 15(3): 214–230.
17. Samuel E.S., Gbadegesin, M.A., Owumi SE, and **Odunola, OA.** (2017). Sodium arsenite-induced reproductive toxicities in male Wistar rats: role of *Tridax procumbens* leaf extract. *Bulletin of Animal Health and Production in Africa.* 65(3), 501-508.
18. Iyiola O.M., Abiodun-Oyebanji J. and **Odunola, O.A.** (2018). Plagiarism Education: A remedy for the plague of plagiarism and other unethical writing practices In Academia. Kampala International University (KIU). *Journal of Education*, 13(1), 93 – 114.
19. **Odunola, O.A.**, Oyibo, A., Gbadegesin, M.A. and Owumi S.E. (2019). Assessment of in- vitro anti-oxidant activities and genotoxy in *E. coli* of ethanol extracts of *Vitellaria paradoxa* (Gaertn. F). *Arch. Bas. App. Med.* 7: 13-20.
20. Owumi S.E., Olayiwola Y.O., Alao G.E., Gbadegesin M.A., **Odunola O.A.** (2020) Cadmium and nickel co-exposure exacerbates genotoxicity and not oxido-inflammatory stress in liver and kidney of rats: Protective role of omega-3 fatty acid. *Environ Toxicol.* 35(2):231-241. doi: 10.1002/tox.22860.
21. Olugbami J.O., Damoiseaux R., **Odunola O.A.** and Gimzewski J.K. (2020). Mitigation of aflatoxin B₁- and sodium arsenite-induced cytotoxicities in HUC-PC urinary bladder cells by curcumin and *Khaya senegalensis*. *Journal of Basic and Clinical Physiology and Pharmacology.* April, 2020. doi.org/10.1515/jbcpp-2019-0309.

I. SELECTED ABSTRACTS IN PROCEEDINGS

1. Owumi, S.E. **Odunola, O.A.** and Uwaifo, A.O. (2008). “Kupffer cells depletion modulates ethanol induced hepatic DNA synthesis” Proceeding of the 33rd FEBS Congress and 11th IUBMB Conference. Megaron Athens International Conference Centre, June 28th-July 3rd, Athens Greece.
2. Adewale, O., Owumi S.E, Gbadegesin M.A, and **Odunola O.A** (2013). The Effect of combination of Acrylamide and Carbofuran in Wistar Rats. Proc. of the EMBO Conference on Physical Biology of Cancer, March, 7th-10th, Candiolo, Italy.
3. Akin-Idowu P.E, **Odunola O.A.**, Gbadegesin M.A, Owumi S.E, Akinyemi, S.O.S, Ibitoye D.O. (2013). Diversity of *Amaranthus* species as revealed by phenotypic and RAPD analyses. Proc. of the 26th Annual Conference of Biotechnology Society of Nigeria, National Biotechnology Development Agency (NABDA), August, 26th-30th, Abuja, Nigeria.
4. **Odunola O.A.** Adegoke, M; Gbadegesin M.A and Akinbobola O.P. (2014). The effects of *Adansonia digitata* fruit pulp extract on sodium arsenite-induced toxicities in rat. Presented at the 53rd Annual Meeting and ToxExpo™ of the Society of Toxicology, March 23rd-27th, Phoenix, Arizona.
5. **Odunola, O. A.**, Fashina, N. O., Iloba, I. M., Gbadegesin, M. A.; Adegoke, A. M.; and Olugbami, O.

- J. (2015). Ethanol Extract of *Eclipta alba* Leaf Suppresses Sodium Arsenite-Induced Genotoxicity and Hepatotoxicity In Male Wistar Rats. Presented at the 54th Annual Meeting and ToxExpo™ of the Society of Toxicology, March 22nd-26th, San Diego, California.
6. Eni-Olajide M.A., Desmennu O.M., and **Odunola O.A.** (2015). Financial management and implementation of Grants in the University of Ibadan, Presented at the 9th West African Research and Innovation Management Association International Conference and Workshops, Noguchi Memorial Institute, November 22nd-26th, Accra, Ghana.
 7. Desmennu O.M., Eni-Olajide M.A., Adediji O.E., Oladeji O. and **Odunola O.A.** (2015). Building capacities of Doctoral Students to reduce the challenges of research funding in Nigeria, Presented at the 9th West African Research and Innovation Management Association International Conference and Workshops, Noguchi Memorial Institute, November 22nd-26th, Accra, Ghana.
 8. Aduloju A.O, Akin-Idowu P.E, Gbadegesin M.A, **Odunola O.A.** (2017). Forceup-A brand of Glyphosate herbicide, induced cytogenotoxicity on root meristems of *Allium Cepa* L. Proceeding of the 35th Annual Conference of the Horticultural Society of Nigeria, October, Kabba, Nigeria. Pp 128-132.
 9. Samuel, E.S., Gbadegesin, M.A., Tosh, D., **Odunola, O.A.** (2018). Treatment of albino Wistar rats with the leaf extract of *Tridax procumbens* LINNS reduces sperm motility and the number of sperm. Department of Biology and Biochemistry Research Day 2018, Department of Biology and Biochemistry, February 1st, University of Bath, Bath, United Kingdom.
 10. Adegoke A.M., Prince S., Gbadegesin M.A., **Odunola O.A.** (2018). Cytotoxic and Anti-Proliferative Activities of methanol extract of *Adansonia digitata* on Breast Cancer (MCF-7) Cells. Presented at the 57th Annual Meeting and ToxExpo™ of the Society of Toxicology, March 11th-15th, San Antonio, USA.
 11. **Odunola, O.A.**, Desmenu, O.M., Eni-Olajide, M.O., Oladeji, A.O., Iyiola, O.M., Ibrahim, O.A., Elijah, O.A. and Muyiwa-Ojo, I.A. (2018). Data Management and Commercialisation of Research among Early Researchers. Presented at the 12th West African Research and Innovation Management Association International Conference and Workshops, November 25th-30th, University of Ibadan, Ibadan, Nigeria.
 12. **Odunola, O.A.**, Desmenu, O.M., Olasunkanmi, I.A., Aigberua, E.P., Eni-Olajide, M.O., Oladeji, A.O., Ibrahim, O.A. and Muyiwa-Ojo, I.A. (2018). Effective Administration and Financial Management of Sponsored Research. Presented at the 12th West African Research and Innovation Management Association International Conference and Workshops, November 25th-30th, University of Ibadan, Ibadan, Nigeria.
 13. Oyibo, A., Gbadegesin, M.A. and **Odunola, O.A.** (2019). Protective Effect of Ethanol Leaf Extract of *Vitellaria Paradoxa* (Gaertn, F) on Sodium Arsenite-induced Toxicities in Male Wistar Rats. Presented at the 58th Annual Meeting and ToxExpo™ of the Society of Toxicology, March 11th-14th, Baltimore, Maryland, USA.
 14. Olugbami, J.O., Damoiseaux, R., Gimzewski, J.K. and **Odunola, O.A.** (2019). Liver and urinary bladder cancers: The modifying role of aqueous leaf extract of *Terminalia glaucescens* Planch. ex Benth. Presented at the American Association for Cancer Research (AACR) Annual Meeting 2019, Georgia World Congress Center, March 29th - April 3rd, Atlanta, Georgia, USA.
 15. Samuel E.S., Akinola T.J., Tosh D., and **Odunola, O.A.** (2019). The Antioxidant and Cytotoxic Properties of *Tridax Procumbens* Leaf Extract on Liver and Pancreatic Cancer Cell Lines. Presented at Experimental Biology 2019 Conference, Orange County Convention Center, April 6th-9th, Orlando, Florida, USA.
 16. Ezenwa C.J., Owumi S.E., Gbadegesin M.A., and **Odunola, O.A.** (2019). Bioinformatics tools in the Identification and Analysis of Differentially Expressed Genes in Rat Neuroblastoma Model. Presented at the 1st Nigerian Bioinformatics Conference, Nigeria Institute of Medical Research, June 25th-26th, Lagos, Nigeria.

J. NON-GOVERNMENTAL ORGANISATION

1. **Member and Technical Adviser**, Dove-Haven Foundation, Isanlu, Kogi State, Nigeria.
2. **Member, Board of Trustees**, Ellen Adeyinka Anjorin Cancer Foundation, Lagos State, Nigeria.

Prof. Oyeronke A. ODUNOLA
August, 2020