

CURRICULUM VITAE

General Information

- I.**
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| (a) | <u>Name:</u> | Olufunke Eunice <u>OLA-DAVIES</u> |
| (b) | <u>Date of Birth:</u> | 24 October, 1968 |
| (c) | <u>Department:</u> | Department of Veterinary Physiology and Biochemistry |
| (d) | <u>Faculty:</u> | Veterinary Medicine |
- II.**
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|-----|--|---------------------------------|
| (a) | <u>First Academic Appointment:</u> | Lecturer II (12 December, 1995) |
| (b) | <u>Present Post (with date):</u> | Professor (1 October, 2018) |
| (c) | <u>Date of Last Promotion:</u> | 1 October, 2018 |
| (d) | <u>Date Last Considered For Promotion:</u> | Not Applicable |
- III.**
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| | <u>University Education (with dates)</u> | |
| (a) | University of Ibadan, Ibadan | (October, 1986-October, 1992) |
| (b) | University of Ibadan, Ibadan | (October, 1994-July, 1997) |
| (c) | University of Ibadan, Ibadan | (October, 1997-October, 2000) |
| (d) | University of Ibadan, Ibadan | (October, 2000-November, 2010) |
- IV.**
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| | <u>Academic Qualification (with dates and granting bodies)</u> | |
| (a) | Doctor of Veterinary Medicine (October, 1992, University of Ibadan, Ibadan) | |
| (b) | Master of Science (Veterinary Parasitology) (July, 1997, University of Ibadan, Ibadan) | |
| (c) | Master of Science (Biochemistry) (October, 2000, University of Ibadan, Ibadan) | |
| (d) | Doctor of Philosophy (Biochemistry) (November, 2010, University of Ibadan, Ibadan) | |
- V.**
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| | <u>Professional Qualification and Diplomas (with dates)</u> | |
| | Fellow of the College of Veterinary Surgeons Nigeria (May, 2015) | |
| | Diplome d'Etude en Langue Francaise (DELF) A1 (December, 2015) | |
| | Diplome d'Etude en Langue Francaise (DELF) A2 (June, 2016) | |
| | Diploma Collaborative Institutional Training Initiative (CITI) Program in Animal Care and Use Stage1 by the West African Bioethics Training Program (July, 2020) | |
| | (https://www.citiprogram.org/verify/?w91f0fa17-5ed2-451c-a12f-86e6623e1e05-36665108) | |
| | Diploma Collaborative Institutional Training Initiative (CITI) Program in Conflicts of Interest, Stage 1 by West African Bioethics Training Program (31-July 2020) | |
| | (https://www.citiprogram.org/verify/?w9edff0b1-1d1c-46ca-9467-566b2b0576e436665110) | |
- VI.**
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| | <u>Scholarships, Fellowship and Prizes (with dates) in respect of Undergraduate and Postgraduate work only</u> | |
| (a) | University of Ibadan Senate Research Grant (1996 and 2000) | |
| (b) | Postgraduate Training Fellowship of the Third World Organization for Women in Science (2002). | |
| (c) | Norman E Borlaug Fellowship, USDA/USAID Sponsored International Agricultural Science and Technology Program at Oregon State University, College of Veterinary | |

- Sciences, Corvallis, USA (2008).
- (d) Norman Borlaug Fellowship to attend the World food prize symposium, Des Moines, Iowa USA. (October 15th -17th 2008).
 - (e) African Women in Agricultural Research and Development Leadership Training Course, Mombasa, Kenya (December 2008).
 - (f) John D. and Catherine T. MacArthur Foundation Overseas Training Research Fellowship (USA) (May –July 2011)

VII. Honours, Distinction and Membership of learned Societies

Fellow, USDA/USAID Norman E. Borlaug International Agricultural Science and Technology Fellows Program (2008)

Visiting Research Fellow, Phytomedicine Research Centre, University of Fort Hare, Alice, South Africa (2011)

Courtesy Faculty, Oregon State University, Corvallis, USA, 2011

University of Ibadan Senate research grant 2011

Award of Excellence for presenting the best paper in Medicinal Plant Research at the 12th Annual Scientific Conference of the Nigerian Society for Experimental Biology (NISEB) held at the University of Benin, Benin City on 14th -17th March 2012

Fellow, Institute of Industrial Administration (2014)

Fellow, College of Veterinary Surgeons Nigeria (2015)

Associate Lecturer – Federal University of Agriculture, Abeokuta (FUNAAB) from 2013 to 2014

SOT/AstraZeneca/SOT Endowment Fund/IUTOX Travel Award to attend the 2014 Society of Toxicology Annual Meeting in Phoenix, Arizona, USA

Biochemical Society (UK) Travel Award Grant 2014

Tertiary Education Trust Fund Award 2014 to attend the 29th International Horticultural Congress/WOCMAP in Brisbane, Australia 17-22 August 2014.

The Physiological Society Travel Grant 2015 to attend and present paper at the Physiology 2015 Conference from 6th to 8th July in Cardiff, United Kingdom.

The World Academy of Science -UNESCO Associateship 2015-2018

Biochemical Society (UK) Travel Grant Award 2016

Society of Toxicology (USA) Global Senior Scholar Exchange Program Award (2017) expended at The Norwegian University of Science and Technology, Department of Biology, 7491 Trondheim, Norway from 9 March to 19 May 2017

The Physiological Society (UK) Travel Grant 2017 to attend and present paper at the Society of Environmental Toxicology and Chemistry Conference from 12th to 16th November 2017 at Minneapolis, Minnesota, USA

Examiner, Veterinary Biochemistry, University of Agriculture, Makurdi, Benue State

Examiner, Veterinary Biochemistry, Federal University of Agriculture, Abeokuta, Ogun State

Examiner, Veterinary Biochemistry, Faculty of Veterinary Medicine, University of Ilorin, Kwara State

Examiner, Veterinary Biochemistry, Faculty of Veterinary Medicine, University of Abuja, FCT

Reviewer, Tropical Veterinarian

Reviewer, The Zoologist

Reviewer, Sokoto Journal of Veterinary Medicine

Reviewer, Journal of Human and Experimental Toxicology

Reviewer, Toxicology International

Reviewer, Bulletin of Environmental Contamination and Toxicology

Reviewer, Science Association of Nigeria

Reviewer, Nigerian Journal of Veterinary Medicine

Reviewer, Journal of Dietary Supplements

Reviewer, African Journal of Biomedical Research

Reviewer, African Journal of Medicine and Medical Sciences.

Reviewer, Human and Experimental Toxicology

Reviewer, Environmental Science and Pollution Research

Member, Nigerian Veterinary Medical Association (National and Oyo State branch)

Member, World Veterinary Association

Member, Organization for Women Scientists for the Developing World (OWSD)

Member, Biochemical society, UK

Member, African Society for Toxicological Sciences (ASTS)

Member, Society of Toxicology, USA

Member, American Society of Pharmacology and Experimental Toxicology (ASPET), USA

Member, Society of Environmental Toxicology And Chemistry (SETAC), USA

Member, Physiological Society, United Kingdom

Member, Biochemical Society, United Kingdom

Member, International Society for the Study of Xenobiotic (ISSX), USA

Member, Society of Environmental Toxicology And Chemistry Global Science Committee (GSC) 2015 to 2018

Course Coordinator, Veterinary Biochemistry 2004 to June 2015.

Adjunct Lecturer, College of Veterinary Medicine, Federal University of Agriculture, Abeokuta, Ogun State 2011 to 2013

Head of Department, Department of Veterinary Physiology and Biochemistry 01 August 2017 to 31 July 2019

Sabbatical Appointment, Federal University of Agriculture, Abeokuta, Ogun State till 31, March 2021

Adjunct Lecturer, PAN African University, Ibadan (Postgraduate African Union Sponsored University)

Adjunct Lecturer, College of Veterinary Surgeons, Nigeria (2016 to 2023)

Dean, Faculty of Veterinary Medicine, University of Ibadan 01 August 2021 to date

Member, Veterinary Council of Nigeria Governing Board (01 August 2021 to date)

Chairman, Committee of Deans & Directors of Veterinary Faculties in Nigeria, 01 August 2023 to date

Chairman, Continuing Education Committee of the Veterinary Council of Nigeria (August 2023 to date)

VIII. Details of Teaching/Work Experience at University Level

(a) Teaching appointments held (with dates)

- (i) Lecturer II, Department of Veterinary Physiology, Biochemistry and Pharmacology (December, 1995)
- (ii) Lecturer I, Department of Veterinary Physiology, Biochemistry and Pharmacology (01 October, 2000)
- (iii) Senior Lecturer, Department of Veterinary Physiology, Biochemistry and Pharmacology (01 October, 2011)
- (iv) Reader, Department of Veterinary Physiology, Biochemistry and Pharmacology (01 October, 2015)
- (v) Professor, Department of Veterinary Physiology and Biochemistry (01 October, 2018)

(b) Clinical Services to the Veterinary Teaching Hospital

Registrar, Veterinary Teaching Hospital (1998 to 2017)

Consultant, Veterinary Teaching Hospital (August 2017 to date)

(c) Administrative Experience (with dates)

- (a) Assistant warden, Queen Idia Hall, University of Ibadan, Nigeria (April- October 2005)
- (b) Ag. Hall Warden, Queen Idia Hall, University of Ibadan, Nigeria (2005 -2007)
- (c) Hall Warden, Queen Idia Hall, University of Ibadan, Nigeria (2007 to 2012)
- (d) Congregation Representative, Senate University of Ibadan (2002-2010)
- (e) Congregation Representative, Senate University of Ibadan (2014 till date)
- (f) Chairperson, Departmental Welfare Committee
- (g) Member, Faculty Staff - Students Liaison Committee
- (h) Member, Faculty Appointment and Promotion Committee
- (i) Member, Faculty Welfare Committee
- (j) Ag. Head of Department (01 August 2017- 31 July 2019)

- (k) Member- University of Ibadan Senate (2016 till date)
- (l) Pioneer Hall Mistress- Adetowun Ogunseye Hall, University of Ibadan (01 July 2020 to 30 June 2023)
- (m) Dean, Faculty of Veterinary Medicine, University of Ibadan (01 August 2021 to Date)
- (n) Chairman, Committee of Deans & Directors of Veterinary Schools in Nigeria, 01 August 2023 to date
- (o) Chairman, Continuing Education Committee of the Veterinary Council of Nigeria (August 2023 to date)

IX. Project, Dissertation and Thesis

- (a) **Ola-Davies, O.E. (1992):** Sero-epidemiological diagnosis of intra-erythrocytic haemoprotozoan diseases of cattle in the Western state of Nigeria using Antigen-capture Enzyme Linked Immunosorbent Assay. DVM Project (DVM, October, 1992), University of Ibadan, Ibadan.
- (b) **Ola-Davies, O.E. (1997):** Haematological and serum biochemical changes in rabbits experimentally infected with *Trypanosoma congolense* M.Sc. Project (MSc Veterinary Parasitology, July, 1997), University of Ibadan, Ibadan.
- (c) **Ola-Davies, O.E. (2000):** Clastogenic effect of extracts of *Xylopi aethiopica* (UDA), *Piper guineense* (IYERE), *Monodora myristica* (ARIWO), and *Allium sativum* GARLIC) alone and with sodium arsenite. (M.Sc. Project Biochemistry, October, 2000), University of Ibadan, Ibadan.
- (d) **Ola-Davies, O.E.(2010):** Antigenotoxic activities of extracts of *Spondias mombin*. L. (Anacardiaceae) and *Chromolaena odorata* L. Asteracea, PhD Thesis (Ph.D, November, 2010), University of Ibadan, Ibadan.
- (e) **Ola-Davies, O.E. (2015):** Pathophysiology of Organophosphorus toxicosis in Dogs. Thesis (FCVSN, July, 2015), College of Veterinary Surgeon, Nigeria

X. PUBLICATIONS

- (a) Books already published: Nil
- (b) Chapters in books already published: Nil
- (c) Articles that have already appeared in refereed Conference Proceedings:

1. **Ola-Davies, O.E** and Saba, A.B. (1998): Studies on the serum electrolyte changes in *Trypanosoma congolense* infected New Zealand White rabbits. *Proceedings of 3rd Annual conference of Animal Science Association of Nigeria*. 22-24 September, 1998. Lagos: Badagry. 184-185pp.
2. **Ola-Davies, O.**, Saba, A.B. Ariyibi; A, and Akinboade O.A. (1999): Effects of Trypanosomosis on some blood biochemical parameters in rabbits. *Proceedings of the 36th Annual conference of Nigerian Veterinary Medical Association of Nigeria*. 25 October, 1999. Kaduna: Arewa House, 52-54pp.
- (d) Patents and Copyrights: Nil
- (e) Articles that have already appeared in learned journals:
3. Sanni, A.A., Oke, O.A., Saba., **Ola-Davies; O.E**, Durotoye, L. A, (2000): Effect of melatonin on intestinal fluid absorption in the domestic chicken (*Gallus domesticus*). *African Journal of Biomedical Research*. Vol. 3: 31-34.
4. Saba, A.B., **Ola-Davies., O.**, Oyeyemi, M.O. and Ajala, O. (2000): The toxic effects of the prolonged administration of chloramphenicol on the liver and kidney of laboratory rats. *African Journal of Biomedical Research*. Vol. 3. No.3: 95-99.
5. Oyeyemi, M.O. **Ola-Davies, O.E.**, Oke, A.O. Idehen, C.O. (2000): Morphological changes in sperm cells during epididymal transit in West African Dwarf Buck. *Tropical Veterinarian* Vol. 18: 207 – 212.
6. Oyeyemi M.O; Akusu M.O, and **Olufunke E. Ola-Davies**. (2000): Effect of successive ejaculations on the spermiogram of West African dwarf goats (*Capra hircus L.*). *Veterinarski Arhiv* Vol. 70. No. 4: 215 – 221.
7. Dina, O.A; Saba, A.B; Akiromen, L.O; Adedapo, A.A. and **Ola-Davies, O.E**. (2001): The effect of aqueous leaf extract of *Telfaria occidentalis* on isolated guinea pig ileum. *African Journal of Biomedical Research* Vol. 4: 1- 4.
8. Adeyemo., O.K., Ajasin, F.O. **Ola-Davies, O.E**, Taiwo, O.O. (2001). Investigations into the use of *Xylopia aethiopica*. *Journal of Natural Remedies*. Vol. 1&2: 140 – 143.
9. **Ola-Davies, O.E**; Oyeyemi, M.O., Saba, A.B. and Ajala, O.O (2002): Prevalence of Eimeria oocysts in West African Dwarf goat at the University of Ibadan Farm. *Nigerian journal of Animal production* Vol. 29. No. 2: 259-263.
10. Odunola O.A. and **Ola-Davies O.E**. (2004): Reduction of the clastogenic effect of inorganic arsenic by extracts of some dietary additives. *Bulletin of the Science Association of Nigeria* Vol. 25: 255-259.

11. Fakeye T.O, Awe, S.O, Odelola H.A, **Ola-Davies O.E**, Itiola, O.A, Obajuluwa. T. (2004): Evaluation of toxicity profile of an alkaloidal fraction of stem bark of *Picralima nitida* (Apocynaceae). *Journal of Herbal Pharmacotherapy* Vol. 4. No. 3:37-45.
12. Farombi E.O, Adepoju B.F, **Ola-Davies O.E** and Emerole G.O. (2005): Chemoprevention of Aflatoxin B1-induced genotoxicity and hepatic oxidative damage in rats by kolaviron, a natural biflavonoid of *Garcinia kola* seeds. *European Journal of Cancer prevention* Vol. 14: 207-214.
13. Odunola, O.A., Adewale, A., Olorunnisola, O.S. and **Ola-Davies, O.E.** (2005): Protection against 2-Acetyl Aminofluorene induced toxicity in mice by garlic (*Allium sativum*), Bitter kola (*Garcinia kola* seed) and honey. *African journal of Medicine and Medicinal Sciences* Vol. 34: 167-172.
14. Badmus, J.A, Odunola, O.A, **Ola-Davies, O.E** and Adisa, R.A. (2006): Anticlastogenic properties of Methanolic extract of *Cnestis ferruginea* leaves. *Science Focus* Vol.11 : 121-124.
15. Abbah J.G., Eghianruwa, K.I., **Ola-Davies E.O.** and Abu A.H. (2006): Comparative effects of the aqueous leaf extract of *Ocimum basilicum* and Loperamide on intestinal transit in rats. *Nigerian Journal of Experimental and Applied Biology* Vol. 7. No. 2: 141-144.
16. Oyeyemi, M.O, Towobola, B.A. and **Ola-Davies, O. E** (2006). The reproductive implications of clomiphene citrate on sperm cells during the epididymal transit of spermatozoa in male wistar rats. *Folia Veterinaria* Vol. 50. No. 3:131-133.
17. Eghianruwa, K. I., Ogunleye, O. A., Saba, A. B., Famakinde, S. A., **Ola-Davies E.O.**, Abu, H. (2006). Influence of atropine and loperamide on reduced intestinal transit induced by *Calotropis procera* latex in rats. *African Journal of Biomedical Research*. Vol. 2: 125–128.
18. Adedapo A.A., Ayodele A.E, Ogunshe A. A. O., Oyeyemi M. O., Idowu S. O., **Ola-Davies O.E.** and Ademola. I. (2009): Haematinic potencies of the aqueous crude extracts of *Ficus mucoso* and *Senna occidentalis* in rabbits. *African Journal of Biomedical Research*. Vol. 12: 47-54.
19. Oloye A. A., Oyeyemi M O, **Ola-Davies O. E** and Innamah O. A. (2011): Effect of aqueous extract of *Spondias mombin* on the spermiogram of wistar rats *Bulletin of Animal Health and Production in Africa* Vol. 59: 95 – 99.
20. Oloye A.A., Oyeyemi M.O, **Ola-Davies O.E.** and Ajayi (2012): Testicular Morphometry and histology of male wistar rats and gestational pattern of female wistar rats treated with graded doseages of the leaves aqueous extract of *Spondias mombin*. *Bulletin of Animal Health and Production in Africa* Vol. 60: 71 – 76.
21. Oloye AA, M O Oyeyemi, **O E. Ola-Davies**, A.O. Oladejo (2012). Vaginal cytology pattern and birth features of female wistar rats treated with graded doses of ethanolic extract of *Spondias mombin*. *Bulletin of Animal Health and Production in Africa* Vol. 60. No. 3: 297-302.
22. Oloye AA, M O Oyeyemi, **O E. Ola-Davies**, S.A. Olorode, A.R. Ajayi (2013). Hormonal variation in gravid does after oral treatment with crude ethanol extract of *Spondias mombin*. *Journal of Natural Products* Vol. 6: 56-60.

23. Oloye, A. A., Oyeyemi, M. O, **Ola-Davies, O. E.**, Ajayi, O. I., Ajayi, A. R(2013).Vital reproductive indices in non-gravid female rabbits treated with crude ethanol extract of *Spondias mombin*. *Folia veterinaria*, 5Vol. 7. No. 1: 5-9.
24. **Ola-Davies O.E**, Adebiyi O.E and Ewete A (2013). Modulatory effects of ethanol extract of *Spondias mombin* leaves on sodium arsenite induced toxicity. *Tropical Veterinarian* Vol. 31. No.1: 30-41.
25. **Olufunke Ola-Davies**, Ajani O. S. and Oyeyemi M. O. (2013). Spermatozoa morphology and characteristics of *Spondias mombin* L. (*Anacardiaceae*) protected male Wistar rats exposed to sodium arsenite. *Journal of Veterinary Medicine and Animal Health* Vol. 6. No. 2: 63-66.
26. **Olufunke Ola-Davies**, O. S Ajani, M. O Oyeyemi and S.Ekundayo (2014). Testicular and epididymal parameters of *Spondias mombin* L. (*Anacardiaceae*) protected male Wistar rats exposed to sodium arsenite . *Global Veterinaria* Vol. 12. No. 2: 232-238.
27. **Olufunke E. Ola-Davies**; Samuel G. Olukole and Oluwapelumi A. Amoo (2014). Haematological and serum biochemical parameters of female Wistar rats treated with ethanolic extract of the root of *Moringa oleifera* plant. *African journal of Biomedical Research* Vol. 17. No. 1: 31-35
28. **Ola-Davies O. E** ; Fagbohun, F.A, Emikpe B.O and Adeyemo O.K.(2014). Diazinon-induced clastogenity and pathological changes in ovaries and testes of *Clarias gariepinus*. *Agricultural Science* Vol. 6: 146-151.
29. **Ola-Davies, O. E.**, Oloye, A. A., Oyeyemi, M. O.(2015). Ameliorating effect of guava (*Psidium guajava*) extract on adriamycin induced reproductive toxicities. *Folia Veterinaria* Vol. 59. No. 3: 153– 158.
30. Oluwatosin A. Adaramoye, Adesola Fausat Azeez, **Olufunke E. Ola-Davies** (2015). Ameliorative Effects of Chloroform Fraction of *Cocos nucifera* L. husk Fiber Against Cisplatin induced Toxicity in Rats. *Pharmacognosy Research* Vol. 8. No. 2: 89-96
31. **Olufunke Eunice Ola-Davies**, Odunayo Azeez (2016). Modulatory effects of guava extract on Adriamycin (Doxorubicin) induced Toxicity in Wistar rats. *Global Veterinaria* Vol. 16. No. 1: 31-36. DOI: 10.5829/idosi.gv.2016.16.01.10221
- 32.**Olufunke Ola-Davies** and O. S Ajani (2016). Semen characteristics and sperm morphology of *Pistia stratiotes* Linn. (*Araceae*) protected male albino rats (Wistar strain) exposed to sodium arsenite. *Journal of Complementary and Integrative Medicine* Vol. 13. No.3:16.
33. **Olufunke Eunice Ola-Davies**, Akinleye Stephen Akinrinde (2016). Acute Sodium Arsenite-Induced Hematological and Biochemical Changes in Wistar Rats: Protective Effects of Ethanol Extract of *Ageratum conyzoides*. *Pharmacognosy Research* Vol. 8. Supplement. 1: 526-530.
34. **Olufunke Ola-Davies**, and O. S Ajani (2016). Effects of *Ageratum conyzoides* on Semen Characteristics and Sperm Morphology in Rats Exposed to Sodium Arsenite. *African Journal of Biomedical Research* Vol. 19: 55- 60

35. **Olufunke Ola-Davies**, Oyagbemi A.A and Omobowale O (2016). Concentration-dependent inhibition of acetylcholinesterase by organophosphate poisoning in dogs: A biochemical and electrocardiographic study. *Toxicology International* Vol. 23. No. 1: 63-72.
36. Temitayo Olutayo Omobowale, Ademola Adetokunbo Oyagbemi, Akinleye Stephen Akinrinde, **Olufunke Eunice Ola-Davies**, Adebowale Bernard Saba, Olopade James Olukayode and Adedapo Alex Adeolu (2016). Effect of Exposure and Withdrawal on Lead-induced Toxicity and Oxidative Stress in Cardiac Tissues of Rats. *Toxicology International* Vol. 23. No. 1: 12-17.
37. Abimbola Adetokunbo Oloye, **Olufunke Eunice Ola-Davies**, Olusola Lawrence Ajayi, Matthew Olugbenga Oyeyemi, Sikiru Adetona Olurode, Benjamin Obukowho Emikpe (2017). Spermogram and testicular morphological studies of the buck after treatment with ethanol leaf extract of *Spondias mombin*. *Sokoto Journal of Veterinary Sciences* Vol. 15. No. 1: 72-76.
38. **Ola-Davies, O. E.**, Biobaku, K. T., Okediran, B. S., & Adah, A. S. (2017). Evaluation of the “Antidotal” Potential of *Mangifera indica* L. leaves extract on sodium arsenate exposed male Wistar rats using some biochemical markers. *Ceylon Journal of Science* Vol. 46. No. 1: 97–102.
39. Awoyemi OV, Okotie UJ, Oyagbemi A.A, Omobowale T.O, Asenuga R.A, **Ola-Davies O.E** and Ogunpolu B.S (2017). Cobalt chloride exposure dose dependently induced hepatotoxicity through enhancement of cyclooxygenase-2 (COX-2)/B- cell associated protein X (BAX) signaling and genotoxicity in Wistar rats. *Environmental Toxicology* Vol. 32. No. 7: 1899-1907.
40. Abimbola Adetokunbo Oloye, **Olufunke Eunice Ola-Davies** and Matthew Olugbenga Oyeyemi (2017). Haemogram and Hormonal profile of WAD buck treated with leaf ethanol extract of *Spondias mombin*. *Sokoto Journal of Veterinary Sciences* Vol. 15. No. 3:90-95.
41. **Olufunke Ola-Davies**, Abimbola Oloye and Abayomi Adeoye (2017). Sodium arsenite induced reproductive perturbations in wistar strain albino rats: Protective assessment *Cassia fistula*. *Tropical Veterinarian* Vol. 35. No. 4: 162-172.
42. Temidayo Olutayo Omobowale, Ademola Adetokunbo Oyagbemi, Uchechukwu Enwiwe Ajufo, Abiola Olumuyima Adejumobi, **Olufunke Eunice Ola-Davies**, Adeolu Alex Adedapo, and Momoh Audu Yakubu (2018). Ameliorative Effect of Gallic Acid in Doxorubicin-Induced Hepatotoxicity in Wistar Rats Through Antioxidant Defense System. *Journal of Dietary Supplements* Vol.15.No.2:183-196.<https://doi.org/10.1080/19390211.2017.1335822>
43. Temidayo. Omóbòwálé, Ademola A. Oyagbemi, Folasire Ayorinde, Temitayo O. Ajibade, Ebunoluwa R. Asenuga, Olumuyiwa A. Adejumobi, **Olufunke E. Ola-Davies**, Orotusin Oyetola, Gana James, Adeolu A. Adedapo and Momoh A. Yakubu (2018). Ameliorative effect of gallic acid on doxorubicin- induced cardiac dysfunction in rats, *Journal of Basic Clinical Physiology and Pharmacology* Vol. 29. No.1:19-27
<https://doi.org/10.1515/jbcpp-2016-0194>
44. Temidayo Olutayo Omóbòwálé, Ademola Adetokunbo Oyagbemi, Bukola Ayokunmi Alaba, **Olufunke Eunice Ola-Davies**, Olumuyiwa Abiola Adejumobi, Ebunoluwa Racheal Asenuga, Temitayo Olabisi Ajibade, Adeolu Alex Adedapo and Momoh Audu Yakubu (2018). Ameliorative effect of *Azadirachta indica* on sodium fluoride- induced hypertension through improvement of antioxidant defence system and upregulation of

45. Oyagbemi A.A., Adeolu Adedapo., Funmilola kehinde., Olumuyiwa Adejumobi, **Olufunke Ola-Davies.**, Tayo Omobowale., Yakubu Momoh., Ebunoluwa Olowu (2018). Protective effect of *Azadirata indica* and Vitamin E against arsenic acid induced-genotoxicity and apoptosis in rats. *Journal of Dietary Supplements* Vol. 15. No. 3: 253-268.
<https://doi.org/10.1080/19390211.2017.1336147>
46. Ademola A. Oyagbemi, Temidayo O. Omobowale, Grace O. Ochigbo, Ebunoluwa R. Asenuga, **Olufunke Eunice Ola-Davies**, Temitayo O. Ajibade, Adebowale B. Saba, and Adeolu A. Adedapo (2018). Polyphenol rich fraction of *Parquetina nigrescens* mitigates dichlorvos-induced cardiorenal dysfunction through reduction in cardiac nitrotyrosine and renal p38 expressions in Wistar rats. *Journal of Dietary Supplements* Vol. 15. No. 3: 269-284. <https://doi.org/10.1080/19390211.2017.1336148>
47. **Olufunke E. Ola-Davies** and Odunayo I. Azeez (2018). Modulatory effects of gallic acid on sodium fluoride induced nephrotoxicity in the wistar rats. *Journal of Pharmacognosy and Phytochemistry* Vol. No. 2: 1561-1570.
48. **Olufunke Ola-Davies**, Azeez I.O, Oyagbemi A.A and Abatan M.O.(2018). Acute coumaphos organophosphate exposure in the domestic dogs: Its implication on haematology and liver functions. *International Journal of Veterinary Science and Medicine* Vol. 6. No. 1: 103-112.
49. **Olufunke Ola-Davies**, S.G. Olukole and P.G. Ozegebe (2018). Resveratrol and Vitamin E ameliorate Carbendazim-induced toxicity in Wistar rats. *African Journal of Biomedical Research* Vol. 21: 211-217
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101. **Ola-Davies, E. O., Olukole, S. G., Abiola, J. O. (2020). Experimental Models I: Laboratory Animals in Biomedical Research. In: Igharo, O. G. and Anetor, J. I. (Ed.) Biomedical Explorer. A textbook of Biomedical Research Innovation. Lagos: Unilag Press. ISBN:978-978-57646-2-6. Accepted for Publication in March, 2020.**

XI. Major Conferences Attended with Paper Read (in the last 5 years):

1. 52nd Annual Meeting of the Society of Toxicology's (SOT), March 10–14, 2013, at the Henry Gonzalez Convention Center in San Antonio, Texas.
Paper read: **Ola-Davies O. E**; Mata J. E; Odunola A. O. and Olawuwo S.O. (2013). Antiproliferative Activity of *Chromolaena odorata* L. (Asteraceae) leaf Extract on Human colon cancer cell lines.
2. 37th International Union of Physiological Sciences (IUPS 2013), July 21-26, 2013, at the International Convention Centre (ICC), Birmingham, United Kingdom.
Paper read: **Ola-Davies O. E**; and Adeogun A. O. (2013). Protection against sodium arsenite –induced toxicity in wistar rats by ethanolic extract of *Spondias mombin* L. (Anacardiaceae).
3. 53rd Annual Meeting of the Society of Toxicology's (SOT), March 23 -27, 2014, at the Phoenix Convention Centre, Phoenix, Arizona, USA.
Paper read: **Ola-Davies O. E**, Adeogun A. O, Mata J. E. and Olawuwo O. S, (2014). Assessment of genotoxicity and antigenotoxicity of ethanolic extract of *Spondias mombin* L. (Anacardiaceae) leaves *in vitro* and *in vivo* models.
4. 29th International Horticultural Congress /WOCMAP, Brisbane, Australia 17-22 August, 2014.
Paper read: **Ola-Davies O. E**, Opasina O. F, Aluko A. D and Olawuwo O. S (2014). Protective effects of noni extract (*Morinda citrifolia* linn.) against sodium arsenite-induced toxicity in wistar rats.
5. 54th Annual Meeting of the Society of Toxicology (SOT), March 22–26, 2015, at the San Diego Convention Center in San Diego, California, USA.
Paper read: **Ola-Davies O. E**; Mata J. E; Olawuwo S.O and Odunola A.O (2015). Antiproliferative Activity of Leaf Extract of *Spondias mombin* L.(Anacardiaceae) On Human Colon Cancer Cell Lines (CaCo2).
6. 1st Annual meeting of the Society for Medicinal Plants and Economic Development (SOMPED), August 14-17, 2016, at the Kopanong Hotel and Conference Centre, Johannesburg-South Africa.
Paper read: **Ola-Davies O. E and Kareem Olaide (2016).**
The Mitigating Effect of *Mangifera indica* (L.) Extract Against Sodium Arsenite Induced Toxicities
7. 56th Annual Meeting of the Society of Toxicology's (SOT), March 12 -16, 2017, at the Baltimore Convention Centre, Baltimore, Maryland, USA.
Paper read: **Ola-Davies O. E**, Ajibade O. T and Olawuwo O. S, (2017).
Modulatory Role of *Chromolaena odorata* L (Asteraceae) Leaf Extract on Sodium Arsenite-induced Haemotoxicity and Genotoxicity in rats.
8. 38th Annual Meeting of the Society of Environmental Toxicology and Chemistry (SETAC)

from 12th to 16th November 2017 at Minneapolis Convention Centre, Minneapolis, Minnesota, USA.

Paper read: **Ola-Davies O. E.**, Oyagbemi A. A, Omobowale T. O and Abatan M.O(2017).

Concentration-dependent inhibition of acetylcholinesterase by organophosphate poisoning in dogs: A Biochemical and Electrographic study

9. Experimental Biology 2018 from April 21-25, at the San Diego Convention Center, San Diego, USA.

Paper read: **Ola-Davies O.E.**, Oyagbemi A.A., Akande I. Ashafa A. (2018).

Ameliorative potentials of *Annona muricata* against Potassium dichromate-induced hypertension through antioxidant defence system.

10. Experimental Biology 2019 from April 6-9, at the Orange County Convention Center, Orlando, Florida, USA.

Paper read: **Olufunke E. Ola-Davies**; Olukole S. G; Oyagbemi A. A; Omobowale T. O; Olaogun C. S, Adedokun R. A. M and Oke B. O (2019).

Melatonin attenuates bisphenol A-induced alterations in the cardio-renal system of rats through the antioxidant defense mechanism.

11. International Conference of Medical, Biological and Pharmaceutical Sciences (ICMBPS-20), Accra, Ghana, 20-21, February, 2020.

Paper Read: Olukole, S.G., Lanipekun, D.O., Ola-Davies, E.O. and Oke, B.O. (2020). Melatonin attenuates Bisphenol A-induced Toxicity in the Adrenal Gland of Wistar Rats

12. 58th Nigerian Veterinary Medical Association Annual Congress, Ibadan, Oyo state, 24-28th October 2022

Theme: "Repositioning the Veterinary Profession for National and Global Impact"

13. Veterinary Council of Nigeria Continuing Education Seminar 24th October 2022

Theme: "Beyond Boundaries: Fishing in the Ocean of Multilateral Organisations"

14. Veterinary Council of Nigeria Continuing Education Seminar 19th October 2023

Theme: "National Prosperity; The Veterinarian at the heart of livestock production and food security in Nigeria"

15. 59th Nigerian Veterinary Medical Association Congress, Lagos state, 30 October- 3rd November 2023

Theme: "Changing the Spectrum of the Global Economy and Need for Professions to Align with Global Realities."

16. 49th Nigerian Society For Animal Production Conference (NSAP-UI 2024), 24-27 March 2024.

Theme: "Improving Animal Agriculture for Sustainable Economic Development In Nigeria"

XII. REFEREES

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