

Martins Ekor

Professor · Pharmacology
University of Cape Coast

ORCID [0000-0002-4683-0988](https://orcid.org/0000-0002-4683-0988) · Google Scholar scholar.google.com/citations?user=jrH8VfwAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/9afc03aa-3167-478f-bc5e-9cc8003ad4ec

RESEARCH

Interests Pharmacology and Toxicology

Areas Pharmacology · Public Health, Environmental and Occupational Health · Plant Science · Complementary and alternative medicine · Food Science · Health, Toxicology and Mutagenesis

RESEARCH SUMMARY

82	5,167	19	34	4.91	14%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 82 publications listed below, 1970–2026. Field-weighted impact is the mean over the 64 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 64 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

University of Cape Coast
Department of Pharmacology, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD
University of Ibadan, Ibadan, Nigeria

PUBLICATIONS

Journal articles 79

1. Oluwafemi Ezekiel Kale, Miyase Gözde Gündüz, Ifabunmi Oduyemi Osonuga, Olufunsho Awodele, **Martins Ekor** (2026). A new 1,4-dihydropyridine-based L-/T-type calcium channel inhibitor, provides in-vivo and silico cardioprotective effects in doxorubicin toxicity in rats. *Human & Experimental Toxicology*. <https://doi.org/10.1177/09603271261446916>
2. Stephen Mensah Arhin, Isaac Tabiri Henneh, Kwasi Sobre Nkrumah, Ewura Seidu Yahaya, Phyllis Elsie Owusu Agyei, Meshack Antwi-Adjei, **Martins Ekor** (2026). Medication error reporting in Ghana: A multicenter assessment of healthcare professionals' knowledge, attitudes and practices. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0335116>
3. Stephen Mensah Arhin, Isaac Tabiri Henneh, Theodora Dedo Azu, Joseph Arhin, Kwasi Sobre Nkrumah, Meshack Antwi-Adjei, Ewura Seidu Yahaya, Phyllis Elsie Owusu Agyei, Emmanuel Nkrumah, Frank Osei-Poku, James Kojo Prah, Kwesi Boadu Mensah, **Martins Ekor** (2026). Medication errors and medication error reporting practices in Ghana: a systematic review. *Therapeutic Advances in Drug Safety*. <https://doi.org/10.1177/20420986261444513>
4. Stephen Mensah Arhin, Isaac Tabiri Henneh, Joseph Arhin, James Kojo Prah, Emmanuel Nkrumah, Oluwayemisi Esther Ekor, Kwesi Boadu Mensah, **Martins Ekor** (2026). Pain Experience and Patient-Reported Barriers to Analgesic Use in Emergency Care in Ghana: A Cross-Sectional Study. *Health Science Reports*. <https://doi.org/10.1002/hsr.2.72135>
5. Henneh, Isaac, Ameyaw, Elvis, Bineya, Robert, Armah, Francis, Obese, Ernest, Konjah, Daniels, Otumi,

Eric, Ekor, Martins (2026). Ziziphus abyssinica hydro-ethanolic root bark extract attenuates acute inflammation possibly through membrane stabilization and inhibition of protein denaturation and neutrophil degranulation. *West African Journal of Pharmacy*. <https://doi.org/10.82351/wajp.vol29no2.463>

6. Nicholas Ekor Thomford, Oksana Ryabinina, Joel Adu Twum, John Anyimadu, Samuel Badu Nyarko, Akwasi Anyanful, Martins Ekor, George Boateng Kyei (2025). Cohort profile: the pharmacogenomics and pharmacokinetics study in Ghanaian HIV patients (GenoPharm-GH). *BMC Genomic Data*. <https://doi.org/10.1186/s12863-025-01369-4>
7. Stephen Mensah Arhin, Kwesi Boadu Mensah, Isaac Tabiri Henneh, Felix Yirdong, Evans Kofi Agbeno, Charles Ansah, Martins Ekor (2025). Coping strategies of Ghanaian couples after unsuccessful infertility treatment: An exploratory qualitative study. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0326923>
8. Nicholas Ekor Thomford, Tracy Kellermann, Joel Adu Twum, John Anyimadu, Charné Dixon, Dennis Sappor, Dee Blackhurst, Prince Amoah Barnie, Oksana Ryabinina, Samuel Badu Nyarko, Robert Peter Biney, Martins Ekor, George B. Kyei (2025). Drug-drug interaction between dolutegravir and artemether-lumefantrine in HIV and malaria mono- and co-infections: a pharmacogenetic analysis from Ghana. *AIDS Research and Therapy*. <https://doi.org/10.1186/s12981-025-00787-9>
9. Joseph Acquah-Mills, Isaac Tabiri Henneh, Stephen Mensah Arhin, Martins Ekor (2025). The prevalence, pattern of use and impact of traditional, complementary and alternative medicine (TCAM) among patients with end stage renal disease undergoing haemodialysis at a tertiary health facility in Ghana. *Clinical Traditional Medicine and Pharmacology*. <https://doi.org/10.1016/j.ctmp.2025.200232>
10. Isaac Henneh, Fabao Zhao, Robert P. Biney, Kofi Boateng, Leticia Agbesi, Fracis A. Armah, Martins Ekor, Boshi Huang (2025). β -Amyrin's Antidepressant-Like Activity in Mice and Zebrafish: Mechanistic Pathways and In Silico Molecular Interactions (Abstract ID: 169408). *Journal of Pharmacology and Experimental Therapeutics*. <https://doi.org/10.1016/j.jpvet.2024.100850>
11. Isaac T. Henneh, Isaac Y. Attah, Silas A. Osei, Ernest Obese, Robert Peter Biney, Francis A. Armah, Elvis O. Ameyaw, Janet Agyen Donkor, Sarah Mensah, Martins Ekor (2024). In silico, in vitro and in vivo antiparasitic activity of β -amyrin and its potential synergistic effect when co-administered with artesunate. *Journal of Pharmacology and Experimental Therapeutics*. <https://doi.org/10.1124/jpet.080.915660>
12. Ewura Seidu Yahaya, Jesse Azebiik Anak, Nana Ama Amisah, Collins Obuah, Phyllis Elsie Owusu Agyei, Roland Osei Saahene, Michael Ainooson, Anthony Ablordey, Martins Ekor (2024). In vitro antibacterial and synergistic activity of pyrazolyl sulphonamide derivatives against *Staphylococcus haemolyticus*. *Journal of Applied Pharmaceutical Research*. <https://doi.org/10.69857/joapr.v12i5.658>
13. Nicholas Ekor Thomford, Tracy Kellermann, Robert Peter Biney, Charné Dixon, Samuel Badu Nyarko, Richmond Owusu Ateko, Martins Ekor, George B. Kyei (2024). Therapeutic efficacy of generic artemether-lumefantrine in the treatment of uncomplicated malaria in Ghana: assessing anti-malarial efficacy amidst pharmacogenetic variations. *Malaria Journal*. <https://doi.org/10.1186/s12936-024-04930-1>
14. Isaac Henneh, Robert Biney, Silas Acheampong, Ernest Obese, Francis Armah, Elvis Ameyaw, Martins Ekor (2023). ANTI-EPILEPTOGENIC ACTIVITY OF ZIZIPHUS ABYSSINICA ROOT BARK EXTRACT AND ITS ISOLATED BIOACTIVE COMPOUND, B-AMYRIN. *IBRO Neuroscience Reports*. <https://doi.org/10.1016/j.ibneur.2023.08.1145>
15. Nicholas Ekor Thomford, Akwasi Anyanful, Richmond Owusu Ateko, Dee Blackhurst, Robert Peter Biney, Dennis Boadi, Samuel Badu Nyarko, Martins Ekor, George Boateng Kyei (2023). Apolipoprotein E genetic variation, atherogenic index and cardiovascular disease risk assessment in an African population: An analysis of HIV and malaria patients in Ghana. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0284697>
16. Julianne Frimpomaa Powell, Isaac Tabiri Henneh, Martins Ekor (2023). Knowledge, attitude and practice of physicians and nurses at the cape coast teaching hospital in the Central Region of Ghana on spontaneous adverse drug reaction reporting. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0288100>
17. Adesina O Odewabi, Romoke S Ajibola, Kolawole S Oritogun, Martins Ekor (2023). Levels of Clara cell secretory protein and surfactant protein A in municipal solid waste management workers in Ibadan, Southwest Nigeria. *Toxicology and Industrial Health*. <https://doi.org/10.1177/07482337231169085>

18. Nicholas Ekow Thomford, Fiifi Ndom Dampson, George Adjei, Sebastian Eliason, Martins Ekor, George Boateng Kyei (2023). Psychometric assessment of HIV stigma in patients attending a tertiary facility: An initial validation of the Berger HIV stigma scale in a Ghanaian perspective. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0282193>
19. Oluwafemi E. Kale, Miyase G. Gündüz, Olufunsho Awodele, Olubunmi Osonuga, Martins Ekor (2022). Novel HM12, A Selective Inhibitor of L-/T-type Calcium Channels, Averts Doxorubicin Cardiotoxicity in Male Wistar Rats. *The FASEB Journal*. <https://doi.org/10.1096/fasebj.2022.36.s1.r4115>
20. Esther Sarpong, Desmond Omane Acheampong, George Nkansah Rost Fordjour, Akwasi Anyanful, Enoch Aninagyei, Derek A. Tuoyire, Dee Blackhurst, George Boateng Kyei, Martins Ekor, Nicholas Ekow Thomford (2022). Zero malaria: a mirage or reality for populations of sub-Saharan Africa in health transition. *Malaria Journal*. <https://doi.org/10.1186/s12936-022-04340-1>
21. Isaac Tabiri Henneh, Wisdom Ahlidja, John Alake, Augustine Kwabil, Mustapha Abubakar Ahmed, Baffour Kyei-Asante, Michael Buenor Adinortey, Martins Ekor, Francis Ackah Armah (2022). Ziziphus abyssinica root bark extract ameliorates paracetamol-induced liver toxicity in rats possibly via the attenuation of oxidative stress. *Toxicology Reports*. <https://doi.org/10.1016/j.toxrep.2022.10.012>
22. Isaac Tabiri Henneh, Francis Ackah Armah, Elvis Ofori Ameyaw, Robert Peter Biney, Ernest Obese, Eric Boakye-Gyasi, Emmanuel Awintiig Adakudugu, Martins Ekor (2021). Analgesic Effect of Ziziphus abyssinica Involves Inhibition of Inflammatory Mediators and Modulation of KATP Channels, Opioidergic and Nitrergic Pathways. *Frontiers in Pharmacology*. <https://doi.org/10.3389/fphar.2021.714722>
23. Martins Ekor, Phyllis Elsie Owusu Agyei, Ernest Obese, Robert Peter Biney, Isaac Tabiri Henneh, Meshack Antwi-Adjei, Ewura Seidu Yahaya, Gordon Amoakohene, Patrick Kafui Akakpo (2021). Celecoxib exhibits therapeutic potential in experimental model of hyperlipidaemia. *PLoS ONE*. <https://doi.org/10.1371/journal.pone.0247735>
24. Douglas Bosco Aidoo, Daniels Konja, Isaac Tabiri Henneh, Martins Ekor (2021). Protective Effect of Bergapten against Human Erythrocyte Hemolysis and Protein Denaturation In Vitro. *International Journal of Inflammation*. <https://doi.org/10.1155/2021/1279359>
25. Martins Ekor (2021). The editors and the publisher would like to thank the members of the Editorial Board and the following colleagues for their kind assistance in reviewing articles submitted to *J Basic Clin Physiol Pharmacol*. <https://doi.org/10.1515/jbcpp-2021-2002>
26. Robert P. Biney, Phyllis E. Owusu Agyei, Elvis O. Ameyaw, John K. Afortude, Isaac T. Henneh, Ernest Obese, Samuel Badu Nyarko, Martins Ekor (2020). Effects of three herb-based alcoholic beverages manufactured in Ghana on sperm characteristics and reproductive hormones in rats. *Scientific African*. <https://doi.org/10.1016/j.sciaf.2020.e00316>
27. Isaac T. Henneh, Phyllis E. Owusu Agyei, Ernest Obese, Robert P. Biney, Meshack Antwi-Adjei, Ewura S. Yahaya, Ernest Asiamah, Joseph Acquah-Mills, Douglas O. Boateng, Martins Ekor (2020). Leaf and root bark extracts of Ziziphus abyssinica Hochst ex. A. Rich (Rhamnaceae) ameliorate hepatic, renal and splenic injuries induced by phenylhydrazine in rats. *Journal of Basic and Clinical Physiology and Pharmacology*. <https://doi.org/10.1515/jbcpp-2020-0111>
28. Oluwafemi Ezekiel Kale, Miyase Gözde Gündüz, Babafemi Tosin Ogunbiyi, Temitope Funmi Ogundare, Martins Ekor, Olufunsho Awodele (2020). M3, a 1,4-Dihydropyridine Derivative and Mixed L-/T-Type Calcium Channel Blocker, Attenuates Isoproterenol-Induced Toxicity in Male Wistar Rats. *Cardiovascular Toxicology*. <https://doi.org/10.1007/s12012-020-09587-1>
29. Martins Ekor, DD Obiri, Elvis O Ameyaw, A Banunle, Robert P Biney, Isaac T Henneh, Ama K Thomford, Madison Adanusa (2020). Scientific African. *Carbon*. https://www.researchgate.net/profile/Hamza-Zine/publication/346551011_Guidelines_for_a_phytomanagement_plan_by_the_phytostabilization_of_mining_wastes/links/5fcfd13392851c00f85f0f28/Guidelines-for-a-phytomanagement-plan-by-the-phytostabilization-of-mining-wastes.pdf
30. Isaac T. Henneh, Boshi Huang, Faik N. Musayev, Rana Al Hashimi, Martin K. Safo, Francis A. Armah, Elvis O. Ameyaw, Christian K. Adokoh, Martins Ekor, Yan Zhang (2020). Structural elucidation and in vivo anti-arthritic activity of β -amyrin and polpunonic acid isolated from the root bark of Ziziphus abyssinica

HochstEx. A Rich (Rhamnaceae). *Bioorganic Chemistry*. <https://doi.org/10.1016/j.bioorg.2020.103744>

31. Frank Adusei-Mensah, Carina Tikkanen-Kaukanen, Jussi Kauhanen, Isaac Tabiri Henneh, Phyllis Elsie Owusu Agyei, Patrick Kafui Akakpo, Martins Ekor (2020). Sub-chronic toxicity evaluation of top three commercial herbal antimalarial preparations in the Kumasi metropolis, Ghana. *Bioscience Reports*. <https://doi.org/10.1042/bsr20192536>
32. Douglas B. Aidoo, David D. Obiri, Newman Osafo, Aaron O. Antwi, Leslie B. Essel, Babatunde M. Duduyemi, Martins Ekor (2019). Allergic Airway-Induced Hypersensitivity Is Attenuated by Bergapten in Murine Models of Inflammation. *Advances in Pharmacological Sciences*. <https://doi.org/10.1155/2019/6097349>
33. Frank Adusei-Mensah, David Kofi Essumang, Richard Osei Agjei, Jussi Kauhanen, Carina Tikkanen-Kaukanen, Martins Ekor (2019). Heavy metal content and health risk assessment of commonly patronized herbal medicinal preparations from the Kumasi metropolis of Ghana. *Journal of Environmental Health Science and Engineering*. <https://doi.org/10.1007/s40201-019-00373-y>
34. Martins Ekor (2019). Post-market safety and efficacy surveillance of herbal medicinal products from users perspective: A qualitative semi-structured interview study in Kumasi, Ghana. *International Journal of Pharmaceutics & Pharmacology*. <https://www.academia.edu/download/62634970/13620200331-121951-ouzz30.pdf>
35. M Ekor (2019). Risk factors for dysmenorrhea among Ghanaian undergraduate students. *African health sciences*.
36. Martins Ekor (2018). Ameliorative effects of Zataria multiflora hydro-alcoholic extract on gentamicin induced nephrotoxicity in rats. *Drug research*. <https://doi.org/10.1055/s-0043-124968>
37. M Ekor (2018). Patterns and predictors of management strategies of dysmenorrhea among Ghanaian undergraduate students. *N Niger J Clin Res*. <https://scholar.google.com/scholar?cluster=13428575487941982588&hl=en&oi=scholar>
38. Martins Ekor (2018). Pesticide residue and health risk analysis of six commonly used herbal medicinal products in Kumasi, Ghana. *Texila International Journal of Public Health*. <https://ir.ucc.edu.gh/items/bfa1c986-a9ee-47cb-9311-b0e6f8bac315>
39. Ayokunle Osonuga, Martins Ekor (2018). The impact of dysmenorrhea on activities of Ghanaian undergraduate students. *Tropical Journal of Obstetrics and Gynaecology*. https://doi.org/10.4103/tjog.tjog_27_18
40. Martins N Ekor (2018). The menstrual characteristics of undergraduate students in a Ghanaian public university. *Jos Journal of Medicine*. https://www.researchgate.net/profile/Ayokunle-Osonuga/publication/329059775_THE_MENSTRUAL_CHARACTERISTICS_OF_UNDERGRADUATE_STUDENTS_IN_A_GHANAIAAN_PUBLIC_UNIVERSITY/links/5bf3de3e92851c6b27cc2c24/THE-MENSTRUAL-CHARACTERISTICS-OF-UNDERGRADUATE-STUDENTS-IN-A-GHANAIAAN-PUBLIC-UNIVERSITY.pdf
41. I Henneh, E Ameyaw, F Armah, E Obese, Martins Ekor (2018). Ziziphus abyssinica hydro-ethanolic root bark extract attenuates acute inflammation possibly through membrane stabilization and inhibition of protein denaturation and *West African Journal of Pharmacy*. <https://www.wapcpjournal.org.ng/index.php/home/article/download/463/291>
42. Oluwafemi E. Kale, Olufunsho Awodele, Temitope F. Ogundare, Martins Ekor (2017). Amlodipine, an L-type calcium channel blocker, protects against chlorpromazine-induced neurobehavioural deficits in mice. *Fundamental and Clinical Pharmacology*. <https://doi.org/10.1111/fcp.12267>
43. Martins Ekor, Ayobami Opeyemi Akinrinde, Temitope Omolara Ogunyinka, Ernest Durugbo, Adesina Olalekan Odewabi, Oluwafemi Ezekiel Kale, Chiagoziem Anariochi Otuechere, Godwin Emerole (2017). Moringa oleifera Leaf Extracts Modulate Biochemical Alteration Associated with Cisplatin-induced Acute Hepatic Injury in Wistar Rats. *Pharmacologia*. <https://doi.org/10.5567/pharmacologia.2017.41.51>
44. Martins Ekor, Daniels Konja, Isaac Tabiri Hen, Samuel Badu-Nyark, Samuel Addo Akwet, Elvis Ofori Amey (2017). Safety Concern Following Sub-acute Exposure to the Popular Food Additives, Sorghum bicolor and Saltpetre, Either Separately or in Combination in Sprague-Dawley Rats. *Pharmacologia*. <https://doi.org/10.5567/pharmacologia.2017.95.104>

45. O. Awodele, O.E. Kale, A.O. Odewabi, M. Ekor, B.A. Salau, A.O. Adefule-Ositelu (2017). Safety evaluation of Bon-santé cleanser ® polyherbal in male Wistar rats: Further investigations on androgenic and toxicological profile. *Journal of Traditional and Complementary Medicine*. <https://doi.org/10.1016/j.jtcme.2017.06.002>
46. Adesina O Odewabi, Martins Ekor (2016). Levels of heavy and essential trace metals and their correlation with antioxidant and health status in individuals occupationally exposed to municipal solid wastes. *Toxicology and Industrial Health*. <https://doi.org/10.1177/0748233716669276>
47. Anne A. Adeyanju, Adedeji D. Ogunyemi, Oluwaseun Owolabi, Ololade Adesanya, Temilade Omideyi, Oluwasanmi O. Aina, Martins Ekor (2016). Modulation of Adriamycin-Induced Hepatotoxicity and Genotoxicity by Selective Inhibition of Phosphodiesterase-5 with Sildenafil in Wistar Rats. *Toxicology International*. <https://doi.org/10.22506/ti/2016/v23/i2/146694>
48. Adelaja Akinlolu, Bamidele Salau, Martins Ekor, Jubril Otulana (2015). Musa sapientum with exercises attenuates hyperglycaemia and pancreatic islet cells degeneration in alloxan-diabetic rats. *Journal of Intercultural Ethnopharmacology*. <https://doi.org/10.5455/jice.20150525030003>
49. Martins Ekor (2015). Musa sapientum with exercises attenuates hyperglycemia and pancreatic islet cells degeneration in alloxan-diabetic rats. *Journal of intercultural ethnopharmacology*. <https://pmc.ncbi.nlm.nih.gov/articles/PMC4579489/>
50. Martins Ekor, Adesina O. Odewabi (2014). Occupational exposure to municipal solid wastes and development of toxic neuropathies: Possible role of nutrient supplementation, complementary and alternative medicines in chemoprevention. *Chinese Journal of Integrative Medicine*. <https://doi.org/10.1007/s11655-014-1779-x>
51. Martins Ekor (2014). The growing use of herbal medicines: issues relating to adverse reactions and challenges in monitoring safety. *Frontiers in Pharmacology*. <https://doi.org/10.3389/fphar.2013.00177>
52. M Ekor (2013). Celecoxib, a selective cyclooxygenase-2 inhibitor, lowers plasma cholesterol and attenuates hepatic lipid peroxidation during carbon-tetrachloride-associated hepatotoxicity in rats. *Drug and chemical toxicology*.
53. Adesina O Odewabi, Omobola A Ogundahunsi, Martins Ekor (2013). Effect of exposure to solid wastes in relation to employment duration on some important markers of health and disease in waste management workers of Ogun State in southwest Nigeria. *Human & Experimental Toxicology*. <https://doi.org/10.1177/0960327113488612>
54. Martins Ekor, Adesina O. Odewabi, Oluwafemi E. Kale, Titilayo O. Bamidele, Omolola A. Adesanoye, Ebenezer O. Farombi (2013). Modulation of paracetamol-induced hepatotoxicity by phosphodiesterase isozyme inhibition in rats: a preliminary study. *Journal of Basic and Clinical Physiology and Pharmacology*. <https://doi.org/10.1515/jbcpp-2012-0043>
55. Martins Ekor, Adesina O Odewabi, Omobola A Ogundahunsi, Adenike A Odewabi, Kolawole S Oritogun (2013). Possible role of plasma ceruloplasmin and erythrocyte sedimentation rate in assessing compliance with occupational hygiene and safety practices in waste management workers. *Toxicology International*. <https://doi.org/10.4103/0971-6580.117257>
56. Adesina O. Odewabi, Omobola A. Ogundahunsi, Adenike A. Odewabi, Kolawole S. Oritogun, Martins Ekor (2012). Adenosine deaminase activity and immunoglobulin levels as potential systemic biomarkers of occupational hazards and health status in municipal solid waste management workers. *Environmental Toxicology and Pharmacology*. <https://doi.org/10.1016/j.etap.2012.11.002>
57. Martins Ekor, Oluyomi S. Adeyemi, Chiagoziem A. Otuechere (2012). Management of anxiety and sleep disorders: Role of complementary and alternative medicine and challenges of integration with conventional orthodox care. *Chinese Journal of Integrative Medicine*. <https://doi.org/10.1007/s11655-013-1197-5>
58. Ebenezer O. Farombi, Martins Ekor, Isaac A. Adedara, Kingsley E. Tonwe, Timi O. Ojujoh, Matthew O. Oyeyemi (2012). Quercetin protects against testicular toxicity induced by chronic administration of therapeutic dose of quinine sulfate in rats. *Journal of Basic and Clinical Physiology and Pharmacology*. <https://doi.org/10.1515/jbcpp-2011-0029>

59. SO Abarikwu, M Ekor, D Osobu, CA Otuechere, K Monwuba (2012). Rutin ameliorates cyclophosphamide-induced reproductive toxicity in male rats. *Toxicology International*. <https://doi.org/10.4103/0971-6580.97224>
60. Chiagoziem A. Otuechere, Gloria Edewor, Oluwafemi Ezekiel Kale, Martins Ekor (2012). Subacute Therapeutic Dosing of Artemether-Lumefantrine and Artesunate-Amodiaquine Combination Preserves Plasma Cholesterol, Renal Antioxidant Status, and Organ Weights in Rats. *Malaria Research and Treatment*. <https://doi.org/10.1155/2012/257986>
61. Adesina O Odewabi, Omobola A Ogundahunsi, Maria O Ebesunu, Martins Ekor (2012). The levels of inflammatory markers and oxidative stress in individuals occupationally exposed to municipal solid waste in Ogun State, South West Nigeria. *Toxicology and Industrial Health*. <https://doi.org/10.1177/0748233712445043>
62. M Ekor (2011). Antimicrobial activity of six selected plants against some strains of pathogenic organisms. *Journal of Microbiology and Antimicrobials*. <https://academicjournals.org/journal/JMA/article-full-text-pdf/B0248E59995.pdf>
63. Martins Ekor, Adesina O. Odewabi, Oluwafemi E. Kale, Omolola A. Adesanoye, Titilayo O. Bamidele (2011). Celecoxib, a selective cyclooxygenase-2 inhibitor, lowers plasma cholesterol and attenuates hepatic lipid peroxidation during carbon-tetrachloride-associated hepatotoxicity in rats. *Drug and Chemical Toxicology*. <https://doi.org/10.3109/01480545.2011.642380>
64. Martins Ekor, Adesina O Odewabi, Oluwafemi E Kale, Kolawole S Oritogun, Omolola A Adesanoye, Titilayo O Bamidele (2011). Pharmacologic inhibition of the renin-angiotensin system did not attenuate hepatic toxicity induced by carbon tetrachloride in rats. *Human & Experimental Toxicology*. <https://doi.org/10.1177/0960327111401051>
65. M Ekor, O A Adesanoye, I E Udo, O A Adegoke, J Raji, E O Farombi (2010). Hibiscus sabdariffa ethanolic extract protects against dyslipidemia and oxidative stress induced by chronic cholesterol administration in rabbits. *PubMed*.
66. M Ekor, O A Adesanoye, E O Farombi (2010). N-acetylcysteine pretreatment ameliorates mercuric chloride-induced oxidative renal damage in rats. *PubMed*.
67. Martins Ekor, Godwin O. Emerole, Ebenezer O. Farombi (2010). Phenolic extract of soybean (*Glycine max*) attenuates cisplatin-induced nephrotoxicity in rats. *Food and Chemical Toxicology*. <https://doi.org/10.1016/j.fct.2009.12.027>
68. Martins Ekor (2009). Aflatoxins: Origin, Detection, Effect on Human Health and Safety, and Preventive Intervention Strategies (Focus on Developing Countries). *Food*. https://www.academia.edu/download/45189997/FOOD_311-22o.pdf
69. M Ekor (2009). Antidiabetic activity of ethanolic extracts of *Spondias mombin* (Anacardiaceae) stem bark on alloxan-induced diabetic rats. *African Journal of Traditional, Complementary and Alternative Medicines*. <https://journals.athmsi.org/index.php/ajtcam/article/view/855>
70. M Ekor (2009). CHRONIC TOXICITY, ANTIDIABETIC AND HYPOLIPIDEMIC ACTIVITIES OF SPONDIAS MOMBIN L.(ANACARDIACEAE) ON ALLOXAN-INDUCED DIABETIC RATS. *African Journal of Traditional, Complementary and Alternative Medicines*. <https://journals.athmsi.org/index.php/ajtcam/article/view/854>
71. MN Ekor (2008). Antidiabetic activity of stem bark ethanolic extracts of *Spondias mombin* on alloxan-induced diabetic rats. *J Pharmaceut Res*. <https://scholar.google.com/scholar?cluster=14618706881907273912&hl=en&oi=scholar>
72. Ebenezer O. Farombi, Mercy C. Ugwuezunmba, Teclar T. Ezenwadu, Matthew O. Oyeyemi, Martins Ekor (2008). Tetracycline-induced reproductive toxicity in male rats: Effects of vitamin C and N-acetylcysteine. *Experimental and Toxicologic Pathology*. <https://doi.org/10.1016/j.etp.2008.02.002>
73. E.O. Farombi, M. Ekor (2006). Curcumin attenuates gentamicin-induced renal oxidative damage in rats. *Food and Chemical Toxicology*. <https://doi.org/10.1016/j.fct.2006.05.005>
74. Martins Ekor, Ebenezer Olatunde Farombi, Godwin O. Emerole (2006). Modulation of gentamicin-induced renal dysfunction and injury by the phenolic extract of soybean (*Glycine max*). *Fundamental and Clinical Pharmacology*. <https://doi.org/10.1111/j.1472-8206.2006.00407.x>

75. M Ekor, RB Ashorobi, SF Ibitoye, LS Kasimi (2005). Acute Toxicity, Analgesic Potential and Preliminary Antimicrobial Studies of the Aqueous Plant Extract of *Spilanthes Filicaulis*. *Nigerian Journal of Health and Biomedical Sciences*. <https://doi.org/10.4314/njhbs.v4i1.11534>
76. M Ekor (2004). Anti-Inflammatory Activity Of Ethanolic Leaf Extract Of *Anthonotha Macrophylla* (Caesalpinoideae). *The Nigerian Journal of Pharmacy*. <https://psnnjp.org/index.php/home/article/view/223>
77. Peter I. Aziba, A. Adedeji, M. Ekor, O. Adeyemi (2001). Analgesic activity of *Peperomia pellucida* aerial parts in mice. *Fitoterapia*. [https://doi.org/10.1016/s0367-326x\(00\)00249-5](https://doi.org/10.1016/s0367-326x(00)00249-5)
78. Peter I. Aziba, Martins Ekor, A.A. Adedeji (2001). Pharmacological Screening of a Methanol Extract from *Mormodica charantia* in Rodents. *Pharmaceutical Biology*. <https://doi.org/10.1076/phbi.39.4.305.5916>
79. Ayokunle Osonuga, Martins Ekor (1970). Risk factors for dysmenorrhea among Ghanaian undergraduate students. *African Health Sciences*. <https://doi.org/10.4314/ahs.v19i4.20>

Book chapters 2

1. Martins Ekor (2026). Nephrotoxicity and nephroprotective potential of African medicinal plants: an updated review. *Elsevier eBooks*. <https://doi.org/10.1016/b978-0-443-45179-9.00004-5>
2. Martins Ekor (2014). Nephrotoxicity and Nephroprotective Potential of African Medicinal Plants. *Elsevier eBooks*. <https://doi.org/10.1016/b978-0-12-800018-2.00012-1>

Other publications 1

1. M Ekor (2020). The Growing Use of Herbal Medicines: Issues Relating to Adverse Reactions and Challenges in Monitoring Safety. *Frontiers in Pharmacology*.