Ama Kyeraa Thomford

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University of Cape Coast

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RESEARCH

Interests	Herbal Medicine Practice · Natural Products Chemistry and Pharmacology
Areas	Plant Science · Molecular Biology · Complementary and alternative medicine · Food Science · Pharmacology · Cancer Research

RESEARCH SUMMARY

25	188	8	7	1.00	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 25 publications listed below, 2013–2024. Field-weighted impact is the mean over the 16 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 16 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer 2020–present
Biomedical Sciences, University of Cape Coast, Cape Coast, Ghana

Lecturer 2018–2020
Biomedical Sciences, University of Cape Coast, Cape Coast, Ghana

Assistant Lecturer 2013–2018
Biomedical Sciences, University of Cape Coast, Cape Coast, Ghana

Medical Herbalist/ Unit Head 2011–2012
Herbal Medicine Unit, Cape Coast Metropolitan Hospital, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD Pharmaceutical Sciences 2015–2018
Laboratory in Medicinal Plants Garden, Nagasaki University, Nagasaki, Japan

PhD Student 2015–2018
Laboratory in Medicinal Plants Garden, Nagasaki University, Nagasaki, Japan

MPhil Pharmacology 2009–2012
Pharmacology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 24

1. **Ama Kyeraa Thomford**, Kwesi Prah Thomford, Andrews Ebo Tetteh, Rosemary Sorkpor, Joseph Yorke (2024). Safety and efficacy of Lippia multiflora in the management of stage I hypertension: outcomes of a randomised controlled trial. *Journal of Herbal Medicine*. https://doi.org/10.1016/j.hermed.2024.100947
2. Sameh S. Elhady, Elsayed A. Ibrahim, Marwa S. Goda, Mohamed S. Nafie, Hanan Samir, Reem M. Diri, Abdulrahman M. Alahdal, **Ama Kyeraa Thomford**, Alaa El Gindy, Ghada M. Hadad, Jihan M. Badr, Reda F. A. Abdelhameed (2022). GC-MS/MS Quantification of EGFR Inhibitors, β-Sitosterol, Betulinic Acid, (+) Eriodictyol, (+) Epipinoresinol, and Secoisolariciresinol, in Crude Extract and Ethyl Acetate Fraction of

Thonningia sanguinea. *Molecules*. https://doi.org/10.3390/molecules27134109

3. Anthony Nketia, Emmanuel Nakua, Andrews William Tetteh, Kwesi Prah Thomford, Kwame O. Boadu, **Ama Kyeraa Thomford**, Richmond Amo (2022). Herbal medicine practice in Ghana: A cross-sectional study to understand the factors influencing patient utilization of herbal medicine services. *International Research Journal of Public and Environmental Health*. https://doi.org/10.15739/irjpeh.22.003
4. E Nakua, **Kwesi P Thomford** (2022). Non-inclusion of certified herbal medicines in the National Health Insurance Scheme affects patient utilization of integrated herbal medicine services in Ghana. *Traditional Med Res*. https://www.tmrjournals.com/public/articlePDF/20220420/20c9c8be783d0ddff28d765772d08886.pdf
5. KA Mensah, **KP Thomford** (2022). PREDICTORS OF HERBAL MEDICINE USE AMONG PREGNANT WOMENACCESSINGPRENATAL CARE FROM THE KUMASI-SOUTH HOSPITAL INGHANA. *Journal of Pharmaceutical & Allied Sciences*. https://openurl.ebsco.com/contentitem/gcd:161989296?sid=ebsco:plink:crawler-gcd&id=ebsco:gcd:161989296&crl=c&jrnl=15968499
6. Kwesi Prah Thomford, Joseph Yorke, **Ama Kyeraa Thomford**, Isaac Kingsley Amponsah (2021). A formulation of Clausena anisata (Willd.) Hook. f. Ex Benth and Cassia sieberiana DC. alleviates the symptoms associated with osteoarthritis: a single-blind, randomised controlled trial of a traditional Ghanaian remedy. *Clinical Phytoscience*. https://doi.org/10.1186/s40816-021-00313-0
7. Kwesi Prah Thomford, **Ama Kyeraa Thomford**, Joseph Yorke, Ronald Yeboah, Alfred Ampomah Appiah (2021). Momordica charantia L. for hyperlipidaemia: A randomised controlled assessment of the Ghanaian herbal medicinal product MCP-1. *Journal of Herbal Medicine*. https://doi.org/10.1016/j.hermed.2021.100453
8. Reda F. A. Abdelhameed, Sameh S. Elhady, Alaa Sirwi, Hanan Samir, Elsayed A. Ibrahim, **Ama Kyeraa Thomford**, Alaa El Gindy, Ghada M. Hadad, Jihan M. Badr, Mohamed S. Nafie (2021). Thonningia sanguinea Extract: Antioxidant and Cytotoxic Activities Supported by Chemical Composition and Molecular Docking Simulations. *Plants*. https://doi.org/10.3390/plants10102156
9. Emmanuel A. Adakudugu, David D. Obiri, Elvis O. Ameyaw, Ernest Obese, Robert P. Biney, Douglas B. Aidoo, Isaac T. Henneh, Elizabeth N. Oge, **Ama K. Thomford**, Madison Adanusa (2020). Bergapten modulates ovalbumin-induced asthma. *Scientific African*. https://doi.org/10.1016/j.sciaf.2020.e00457
10. Desmond Omane Acheampong, Ninette Owusu-Adzorah, Francis Ackah Armah, Enoch Aninagyei, Ernest Amponsah Asiamah, **Ama Kyeraa Thomford**, William Kofi Anyan (2020). Ethnopharmacological evaluation of schistosomicidal and cercaricidal activities of some selected medicinal plants from Ghana. *Tropical Medicine and Health*. https://doi.org/10.1186/s41182-020-00205-y
11. AndrewsW. Tetteh, KwesiP. Thomford, MerlinL. Mensah, KwameO. Boadu, **AmaK. Thomford**, IsaacK. Amposah, Godfred Amofa, BenardK. Turkson, MichaelO. Agyemang, EmmanuelD. J. Owusu-Ansah (2020). Ghanaian herbal medicines for malaria: An Evaluation of the Clinical Safety and Effectiveness of "Time Herbal Mixture" in uncomplicated malaria. *Pharmacognosy Research*. https://doi.org/10.4103/pr.pr_23_19
12. Augustina Angelina Sylverken, B Arko-Boham, Elvis O Ameyaw, A Banunle, Robert P Biney, Evans Asenso, 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
13. Alex Boye, Justice Kwaku Addo, Desmond Omane Acheampong, **Ama Kyeraa Thomford**, Emmanuel Asante, Regina Elorm Amoaning, Dominic Nkwantabisa Kuma (2020). The hydroxyl moiety on carbon one (C1) in the monoterpene nucleus of thymol is indispensable for anti-bacterial effect of thymol. *Heliyon*. https://doi.org/10.1016/j.heliyon.2020.e03492
14. Ronald Yeboah, Kwesi P. Thomford, Rudolph Mensah, Alfred A. Appiah, **Ama K. Thomford**, Augustine Ocloo (2019). A pilot study on the efficacy of an Antiaris toxicaria subsp. africana (Engl.) C.C. Berg based Ghanaian herbal product in the management of peripheral neuropathy. *Journal of Pharmacy & Pharmacognosy Research*. https://doi.org/10.56499/jppres17.346_7.1.59
15. Kwesi Prah Thomford, Merlin Lincoln Kwao Mensah, Rita A. Dickson, **Ama Kyeraa Thomford**, Alfred

Ampomah Appiah, Stephen Yao Gbedema (2019). Appraisal of the Constituent Plant Materials in a Ghanaian Antifungal Herbal Product; An in vitro Interactive Combination Analysis and a Pilot Clinical Study to Determine Efficacy. *International Journal of Phytomedicine*.

16. **Ama Kyeraa Thomford**, Reda Fouad Ahmed Abdelhameed, Koji Yamada (2018). Chemical studies on the parasitic plant Thonningia sanguinea Vahl. *RSC Advances*. https://doi.org/10.1039/c8ra03913e
17. Elvis Ofori Ameyaw, Kennedy Kwami Edem Kukuia, **Ama Kyerea Thomford**, Samuel Kyei, Priscilla Kolibea Mante, Johnson Nyarko Boampong (2016). Analgesic properties of aqueous leaf extract of Haematostaphis barteri: involvement of ATP-sensitive potassium channels, adrenergic, opioidergic, muscarinic, adenosinergic and serotoninergic pathways. *Journal of Basic and Clinical Physiology and Pharmacology*. https://doi.org/10.1515/jbcpp-2015-0108
18. JA Sarkodie, **Ama Kyeraa Thomford** (2015). Re-evaluating the effi cacy of the aqueous leaf extract of Bridelia ferrugenia and its potential combination with metformin in the management of diabetes mellitus. *Journal of Medicinal Herbs and Ethnomedicine*. https://ir.ucc.edu.gh/server/api/core/bitstreams/65678e8d-968c-4c0d-9308-12039edf4ea3/content
19. **Ama Thomford**, Kwesi Thomford, Fred Ayertey, Dominic Edoh, Kobena Thomford, Elvis Ameyaw, J. Boampong, M. Enimil, S. Bioh (2015). The Ethanolic Leaf Extract of Alchornea cordifolia (Schum. and Thonn.) Muell. Arg Inhibits the Development of Dyslipidaemia and Hyperglycaemia in Dexamethasone-Induced Diabetic Rats. *Journal of Applied Pharmaceutical Science*. https://doi.org/10.7324/japs.2015.50910
20. Elvis Ofori Ameyaw, JN Boampong, **AK Thomford** (2014). Ethanolic root extract of jatropha curcas l. relieves muscle pain in rats. *Research & Reviews: Journal of Pharmacology*. https://ir.ucc.edu.gh/items/fa600a4e-ab22-4fcc-995a-11f2563c72c5
21. Elvis Ofori Ameyaw, **AK Thomford** (2014). Evaluating the effect of an aqueous extract of Pistia stratiotes Linn (Araceae) on tear secretion and tear film stability in ICR mice. *Journal of Applied Pharmaceutical Science*. https://doi.org/10.7324/japs.2014.40801
22. **Kwesi Prah Thomford**, K Ofori-Kwakye, SL Kipo (2014). Formulation of oral capsules from asena herbal decoction used traditionally in Ghana for the treatment of arthritis. *World Journal Pharmacy and Pharmaceutical Science*. https://www.researchgate.net/profile/Kwabena-Ofori-Kwakye/publication/264404741_FORMULATION_OF_ORAL_CAPSULES_FROM_ASENA_HERBAL_DECOCTION_USED_TRADITIONALLY_IN_GHANA_FOR_THE_TREATMENT_OF_ARTHRITIS/links/53db95e10cf2a76fb667a5e2/FORMULATION-OF-ORAL-CAPSULES-FROM-ASENA-HERBAL-DECOCTION-USED-TRADITIONALLY-IN-GHANA-FOR-THE-TREATMENT-OF-ARTHRITIS.pdf
23. Kwame Kumi Asare, Johnson Nyarko Boampong, Elvis Ofori Ameyaw, **Ama Kyeraa Thomford**, Richmond Afoakwah, Godwin Kwakye-Nuako, Kwesi Prah Thomford, Neils Ben Quashie (2014). Microscopic identification of possible Clonorchis/Opisthorchis infection in two Ghanaian women with undiagnosed abdominal discomfort: two case reports. *Journal of Medical Case Reports*. https://doi.org/10.1186/1752-1947-8-369
24. Merlin LMensah, **KP Thomford**, FC Mills-Robertson (2013). Quality and safety evaluation of a Ghanaian polyherbal product EAF-2011 for the management of superficial mycoses. *International Journal of Medicine and Biomedical Research*. https://www.researchgate.net/profile/Kp-Thomford/publication/273928008_Quality_and_safety_evaluation_of_a_Ghanaian_polyherbal_product_EAF-2011_for_the_management_of_superficial_mycoses/links/5587f0f108ae7bc2f44d77d1/Quality-and-safety-evaluation-of-a-Ghanaian-polyherbal-product-EAF-2011-for-the-management-of-superficial-mycoses.pdf?origin=journalDetail&_tp=eyJwYWdlIjoiam91cm5hbERldGFpbCJ9

Theses 1

1. **KWESI PRAH THOMFORD** (2015). CLINICAL EVALUATION AND MONOGRAPH DEVELOPMENT FOR A GHANAIAN POLYHERBAL PRODUCT (EAF-2011) USED IN THE MANAGEMENT OF SUPERFICIAL MYCOSES. *NKRUMAH UNIVERSITY*. https://scholar.google.com/scholar?cluster=8850704647892704771&hl=en&oi=scholarr