Kwame Kumi Asare

Senior Research Fellow · Biomedical Sciences
University of Cape Coast

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RESEARCH

Interests: Infectious and Communicable diseases and Tropical infectious disease

Areas: Public Health, Environmental and Occupational Health · Pediatrics, Perinatology and Child Health · Parasitology · Infectious Diseases · Epidemiology · General Health Professions

RESEARCH SUMMARY

98	522	14	21	0.89	11%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 98 publications listed below, 1988–2026. Field-weighted impact is the mean over the 84 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 84 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Research Fellow 2022–present
Biomedical and Clinical Research Centre, University of Cape Coast, Cape Coast, Ghana

Biomedical scientist, research associate 2014–present
Biomedical sciences, University of Cape Coast, Cape Coast, Ghana

Research fellow 2018
PDept of Protozoology, Institute of Tropical Medicine, Nagasaki University Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

EDUCATION AND QUALIFICATIONS

PhD 2014–2018
Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

MPhil 2010–2014
Biomedical sciences, University of Cape Coast, Cape Coast, Ghana

BSc. Medical laboratory 2005–2009
Medical Laboratory technology, University of Cape Coast, Cape Coast, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

visiting researcher 2018–present
Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

Ghit-research fellow 2018
Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

Research Assistant 2018
Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

Teaching Assistant 2016
Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

Research Assistant 2016
Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

Teaching Assistant 2015
Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University Dept of Protozoology, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

Laboratory tectnologist
Department of Biomedical and Forensic Sciences, university of cape coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 93

1. Evans Kofi Obboh, Abdul Rahim Mohammed Sabtiu, Isaac Kwame Sraku, Nana Aba Setorwu Eyeson, Emmanuel Kwesi Abu, Samuel Donkoh, Kwadwo Asamoah Kusi, **Kwame Kumi Asare**, Nicaise Ndam, Rachida Tahar, Festus Acquah, Yaw Asare Afrane, Anne Poinsignon, Linda Eva Amoah (2026). Anopheles gambiae biting behavior and malaria transmission risk in Simiw, a community located in the coastal forest zone of the Central Region of Ghana. *Malaria Journal*. https://doi.org/10.1186/s12936-026-05961-6
2. Muhi-deen Wonwana Mohammed, Yussif Owusu Aboagye, Akwasi Anyanful, Samuel Kyei, **Kwame Kumi Asare** (2026). Evidence Gaps and Global Patterns in Leishmaniasis Control: A Scoping Review of Clinical, Diagnostic, and Treatment Strategies. *Journal of Parasitology Research*. https://doi.org/10.1155/japr/8882865
3. Augustine Boakye Donkor, Samuel Badu Nyarko, **Kwame Kumi Asare**, Cecil Kwame Mfum Asa-Atiemo, Kwadwo Asamoah Kusi, Yaw Asare Afrane, Linda Eva Amoah (2026). Exploring the protective effects of thalassemia against malaria in Africa: a systematic review. *Systematic Reviews*. https://doi.org/10.1186/s13643-026-03149-2
4. **Kwame Kumi Asare**, Yussif Owusu Aboagye, Muhi-deen Wonwana Mohammed, Margaret Darko, Christian Adjei, Honey Fumilayo Emmanuels, Annobil Nana Boakye, Ebenezer Asiedu (2026). False-positive and false-negative malaria rapid diagnostic test results: evidence from a nationally representative survey of children in Ghana. *Malaria Journal*. https://doi.org/10.1186/s12936-025-05765-0
5. Yussif Owusu Aboagye, Muhi-deen Wonwana Mohammed, **Kwame Kumi Asare** (2026). Mapping the Threat: A Scoping Review of Acinetobacter baumannii –Associated Hospital Infections and Resistance Mechanisms. *International Journal of Microbiology*. https://doi.org/10.1155/ijm/6972699
6. **Asare, Kwame** (2026). Navigating the Policy-Practice Nexus: A Diagnostic Framework for Foundational Learning in Ghana. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.19428344
7. Justice Afrifa, Eric Gyamerah Ofori, Evans Duah, Ibrahim W. Naveh-fio, Gabriel Pezahso Kotam, Yeboah Kwaku Opoku, Addae Boateng Adu-Gyamfi, Helena Acquah, Enoch Essiam, Samuel Essien-Baidoo, **Kwame Kumi Asare**, Richard K. D. Ephraim (2026). Oxidative Stress in Heat Stress Nephropathy: Crosstalk. *Oxidative Medicine and Cellular Longevity*. https://doi.org/10.1155/omcl/1708417
8. Abigail Nana Ama Twekuwa Hayford, Benjamin Akwasi Konja, Livingstone Agyapong, Nana Ama Frimpomaa Agyapong, **Kwame Kumi Asare** (2026). Socioeconomic Disparities in Self-Reported Breast and Cervical Cancer Diagnosis and Treatment Among Women of Reproductive Age: A National Survey. *Integrated Health Research Journal*. https://journal.ucc.edu.gh/index.php/ihrj/article/view/2156
9. Benjamin Akwasi Konja, Nana Ama Frimpomaa Agyapong, Emmanuel Kweku Ocran, Gloria Anyimadu, Livingstone Agyapong, **Kwame Kumi Asare** (2026). Targeting childhood malaria: insights from multi-country DHS data in Sub-Saharan Africa. *BMC Pediatrics*. https://doi.org/10.1186/s12887-026-07245-z
10. **Asare, Kwame**, Mensah, Ama, Ankomah, Kofi (2025). Comparative Methodologies for Off-Grid Energy System Diagnostics: A Quasi-Experimental Cost-Effectiveness Analysis in Rural Ghana. *Zenodo (CERN*

European Organization for Nuclear Research). https://doi.org/10.5281/zenodo.19486715

11. **Kwame Kumi Asare**, Muhi-Deen Wonwana Mohammed, Yussif Owusu Aboagye, Kathrin Arndts, Manuel Ritter (2025). Impact of Climate Change on Schistosomiasis Transmission and Distribution—Scoping Review. *International Journal of Environmental Research and Public Health*. https://doi.org/10.3390/ijerph22050812
12. Ankomah, Kofi, **Asare, Kwame**, Mensah, Esi, Ampofo, Ama Serwaa (2025). Methodological Evaluation of Field Research Station Systems in Ghana: A Panel-Data Approach to Clinical Outcome Measurement in Rural Agricultural Health. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.19486681
13. Kwame Gyimah Owusu, Randy Asiamah, **Kwame Kumi Asare**, Emmanuel Birikorang, Samuel Kyei (2024). Care practices of contact lens solutions and microbial contamination among wearers in Ghana. *Contact Lens and Anterior Eye*. https://doi.org/10.1016/j.clae.2024.102252
14. **Kwame Kumi Asare**, Daniel Edem Azumah, Czarina Owusua Adu-Gyamfi, Yeboah Kwaku Opoku, Edward Morkporkpor Adela, Philip Afful, Godwin Kwami Abotsi, Ernest Awuakye Abban, Paul Ekow Duntu, Akwasi Anyamful, Alberta Bedford Moses, Emmanuel Botchway, Philimon Mwintige, Samuel Kyei, Linda Eva Amoah, Emmanuel Owusu Ekuman (2024). Comparison of microscopic and xpert MTB diagnoses of presumptive mycobacteria tuberculosis infection: retrospective analysis of routine diagnosis at Cape Coast Teaching Hospital. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-024-09566-9
15. Samuel Kyei, George Panyin Annan, **Kwame Kumi Asare**, Emmanuel Birikorang, Akwasi Anyanful, Randy Asiamah (2024). Efficacy of common decontamination techniques used in eye care facilities in Ghana. *AJO International*. https://doi.org/10.1016/j.ajoint.2024.100024
16. **Kwame Kumi Asare**, Benjamin Agrah, Fiifi Solomon Ofori-Acquah, William Kudzi, Nii Ayite Aryee, Linda Eva Amoah (2024). Immune responses to P falciparum antibodies in symptomatic malaria patients with variant hemoglobin genotypes in Ghana. *BMC Immunology*. https://doi.org/10.1186/s12865-024-00607-1
17. Elaine Azu, Wilfred Elegba, Abigail Tweneboah Asare, **Kwame Asare**, Christian Akama, Solomon Ayeboafo Otu, Samuel Azure, Nanabanyin Kweku Nifa Narkwa, Kwadwo Owusu Ayeh, Kenneth Danso (2024). Indirect plant regeneration in Dioscorea rotundata and Dioscorea alata yam genotypes using different explants. *Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology*. https://doi.org/10.1080/11263504.2024.2360465
18. Mensah, Ama Serwaa, **Asare, Kwame**, Ofori, Esi Abena, Agyeman-Badu, Kofi (2024). Methodological Evaluation of District Hospital Systems in Ghana: A Multilevel Regression Analysis of Clinical Outcomes. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18951138
19. Justice Afrifa, Eric Gyamerah Ofori, Yeboah Kwaku Opoku, **Kwame Kumi Asare**, Rosemary Doe Sorkpor, Ibrahim W. Naveh-Fio, Richard Armah, Sandra Ofori, Richard K. D. Ephraim (2024). Oxidative Stress and Cancer Risk in Schistosomiasis. *Oxidative Medicine and Cellular Longevity*. https://doi.org/10.1155/omcl/9701021
20. **Kwame Kumi Asare**, Sebastian Shine Kwapong, Prosper Tey, Vincent Sackey, Samuel Victor Nuvor, Linda Eva Amoah (2024). Plasmodium Falciparum and mosquito vector IgG patterns across suspected malaria cases in Ghana. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-024-10248-9
21. **Kwame Kumi Asare**, Philip Afful, Godwin Kwami Abotsi, Czarina Owusua Adu-Gyamfi, George Benyem, Gnatoulma Katawa, Kathrin Arndts, Manuel Ritter (2024). Schistosomiasis endemicity and its role in sexually transmitted infections – a systematic review and meta-analysis. *Frontiers in Parasitology*. https://doi.org/10.3389/fpara.2024.1451149
22. Godwin Kwami Abotsi, Czarina Owusua Adu-Gyamfi, Samuel Kyei, **Kwame Kumi Asare** (2024). Schistosomiasis–Microbiota Interactions. *Pathogens*. https://bonndoc.ulb.uni-bonn.de/xmlui/handle/20.500.11811/13333
23. Philip Afful, Godwin Kwami Abotsi, Czarina Owusua Adu-Gyamfi, George Benyem, Gnatoulma Katawa, Samuel Kyei, Kathrin Arndts, Manuel Ritter, **Kwame Kumi Asare** (2024). Schistosomiasis–Microbiota Interactions: A Systematic Review and Meta-Analysis. *Pathogens*. https://doi.org/10.3390/pathogens13100906

24. **KK Asare**, YK Opoku (2023). Antimalarial health seekers' preferences and perceptions: insights from Ghana. *J Infect Dis Epidemiol*. https://www.researchgate.net/profile/Kwame-Asare/publication/376191990_Antimalarial_Health_Seekers'_Preferences_and_Perceptions_Insights_from_Ghana/links/65721623ea5f7f02054ce481/Antimalarial-Health-Seekers-Preferences-and-Perceptions-Insights-from-Ghana.pdf

25. **Kwame Kumi Asare**, Hilda Amuaku Bentil, Emmanuel Gyesi, Samuel Amoah, Felicity Bentsi-Enchill, Yeboah Kwaku Opoku (2023). Candidiasis profile at the outpatient department of the university of cape coast hospital in the central region of Ghana: a retrospective study. *BMC Women s Health*. https://doi.org/10.1186/s12905-023-02253-y

26. Linda Eva Amoah, **Kwame Kumi Asare** (2023). Correction: Genotypic glucose-6-phosphate dehydrogenase (G6PD) deficiency protects against Plasmodium falciparum infection in individuals living in Ghana. *Plos one*. https://doi.org/10.1371/journal.pone.0294702

27. Linda Eva Amoah, **Kwame Kumi Asare**, D Bredu (2023). Genotypic glucose-6-phosphate dehydrogenase (G6PD) deficiency protects against Plasmodium falciparum infection in individuals living in Ghana (vol 16 …. *PLOS ONE*. https://scholar.google.com/scholar?cluster=3304908029849577839&hl=en&oi=scholarr

28. **Asare, Kwame** (2023). Methodological Evaluation and Multilevel Regression Analysis of Public Health Surveillance System Reliability in Ghana, 2000–2026. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18949716

29. Sebastian Shine Kwapong, **Kwame Kumi Asare**, Kwadwo Asamoah Kusi, Faustina Pappoe, Nicaise Ndam, Rachida Tahar, Anne Poinsignon, Linda Eva Amoah (2023). Mosquito bites and stage-specific antibody responses against Plasmodium falciparum in southern Ghana. *Malaria Journal*. https://doi.org/10.1186/s12936-023-04557-8

30. Paul Ekow Duntu, Justice Afrifa, Yeboah Kwaku Opoku, **Kwame Kumi Asare** (2023). Plasmodium Falciparum Rifins: Role in malaria pathogenesis. *Integrated Health Research Journal*. https://doi.org/10.47963/ihrj.v1i2.1375

31. Richard K. D. Ephraim, Frederick Ahordzor, **Kwame Kumi Asare**, Evans Duah, Ibrahim W. Naveh-Fio, Grace Essuman, Justice Afrifa (2022). Abnormal Obesity Phenotype Is Associated with Reduced eGFR among Diabetes Mellitus and Hypertensive Patients in a Peri-Urban Community in Ghana. *International Journal of Nephrology*. https://doi.org/10.1155/2022/2739772

32. **Kwame Kumi Asare**, Samuel Amoah, Cornelius Agyeman Coomson, Cecil Banson, Derrick Yaro, Jennifer Mbata, Rudolf Aaron Arthur, Peter Bilatam Mayeem, Justice Afrifa, Felicity Bentsi-Enchill, Yeboah Kwaku Opoku (2022). Antibiotic-resistant pathogenic bacterial isolates from patients attending the outpatient department of university of Cape Coast hospital, Ghana: A retrospective study between 2013–2015. *PLOS Global Public Health*. https://doi.org/10.1371/journal.pgph.0000417

33. Elaine Azu, Wilfred Elegba, Abigail Tweneboah Asare, **Kwame Asare**, Christian Akama, Patience Asare, Clement Annor, Samuel Azure, Kenneth Danso (2022). Efficient callus-mediated system for commercial production of sugarcane (Saccharum spp.) planting material in Ghana. *AFRICAN JOURNAL OF BIOTECHNOLOGY*. https://doi.org/10.5897/ajb2021.17440

34. Yatik Konlaan, Samuel Asamoah Sakyi, **Kwame Kumi Asare**, Prince Amoah Barnie, Stephen Opoku, Gideon Kwesi Nakotey, Samuel Victor Nuvor, Benjamin Amoani (2022). Evaluating immunohaematological profile among COVID-19 active infection and recovered patients in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0273969

35. Nusrat Tsemah Afful, Iddrisu Abdulai, Elaine Azu, Wilfred Elegba, Clement Annor, Christian Akama, **Kwame Asare**, John Dentey, Harry M. Amoatey (2022). In vitro regeneration of Vitellaria paradoxa from shoot tip explants. *Biotechnologia*. https://doi.org/10.5114/bta.2022.113917

36. Yeboah Kwaku Opoku, **Kwame Kumi Asare**, George Ghartey-Quansah, Justice Afrifa, Felicity Bentsi-Enchill, Eric Gyamerah Ofori, Charles Kwesi Koomson, Rosemary Kumi-Manu (2022). Intestinal microbiome–rheumatoid arthritis crosstalk: The therapeutic role of probiotics. *Frontiers in Microbiology*. https://doi.org/10.3389/fmicb.2022.996031

37. Dorcas G. Bredu, George K. Ahadzi, Dickson Donu, Nana Y. Peprah, Alexander Asamoah, George A. Asumah, Benjamin Abuaku, **Kwame K. Asare**, Dorcas Obiri-Yeboah, Colby T. Ford, Eugenia Lo, Keziah L.

Malm, Linda E. Amoah (2022). Nationwide Surveillance of Pfhrp2 Exon 2 Diversity in Plasmodium falciparum Circulating in Symptomatic Malaria Patients Living in Ghana. *American Journal of Tropical Medicine and Hygiene*. https://doi.org/10.4269/ajtmh.21-1342

38. Linda E. Amoah, **Kwame K. Asare**, Donu Dickson, Sherik-fa Anang, Abena Busayo, Dorcas Bredu, George Asumah, Nana Peprah, Alexander Asamoah, Benjamin Abuaku, Keziah L. Malm (2022). Nationwide molecular surveillance of three Plasmodium species harboured by symptomatic malaria patients living in Ghana. *Parasites & Vectors*. https://doi.org/10.1186/s13071-022-05153-6

39. **Kwame Kumi Asare**, Jennifer Mbata, Samuel Amoah, Peter Bilatam Mayeem, Felicity Bentsi-Enchill, Yeboah Kwaku Opoku (2022). Network of Interaction among Enterobacter Species and Klebsiella Pneumonia Clinical Isolates and the Antibiotic Resistance Pattern at Cape Coast. *The Open Microbiology Journal*. https://doi.org/10.2174/18742858-v16-e221216-2021-53

40. Mensah, Ama Serwaa, Agyeman-Badu, Kofi, **Asare, Kwame** (2021). A Systematic Review of the Impact of Informal E-Waste Recycling Emissions on Paediatric Respiratory Health in Agbogbloshie, Ghana. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18365807

41. Linda Eva Amoah, **Kwame Kumi Asare**, Donu Dickson, Joana Abankwa, Abena Busayo, Dorcas Bredu, Sherifa Annan, George Adu Asumah, Nana Yaw Peprah, Alexander Asamoah, Keziah Laurencia Malm (2021). Genotypic glucose-6-phosphate dehydrogenase (G6PD) deficiency protects against Plasmodium falciparum infection in individuals living in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0257562

42. **Kwame Kumi Asare**, Justice Africa, Jennifer Mbata, Yeboah Kwaku Opoku (2021). The emergence of chloroquine-sensitive Plasmodium falciparum is influenced by selected communities in some parts of the Central Region of Ghana. *Malaria Journal*. https://doi.org/10.1186/s12936-021-03985-8

43. **Asare, Kwame**, Ampofo, Esi Nyarko, Boateng, Ama Serwaa, Ankrah, Kofi Mensah (2020). A Methodological Framework for Assessing Antibiotic Residue Prevalence and Consumer Risk Perceptions in Informal Urban Meat Markets: A Kumasi Case Study. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18531469

44. Mensah, Ama Serwaa, **Asare, Kwame** (2020). A Time-Series Forecasting Methodology for Reliability Assessment of Industrial Machinery Fleets in Ghana. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18966010

45. **Kwame Kumi Asare** (2020). Buruli Ulcer: what are the future perspectives in dealing with the extensive necrotizing skin disease. *Global J Dermatology Venereol*. https://scholar.google.com/scholar?cluster=17179131193782787163&hl=en&oi=scholarr

46. Mensah, Ama Serwaa, **Asare, Kwame** (2020). Impact of Simulation Training for Postpartum Haemorrhage on Maternal Outcomes in Northern Ghana: A Brief Report. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18527136

47. Alberta S. Anning, Arnold A. Dugbatey, Godwin Kwakye-Nuako, **Kwame K. Asare** (2019). Antibiotic Susceptibility Pattern of Enterobacteriaceae Isolated from Raw Meat and Ghanaian Coin Currencies at Cape Coast Metropolis, Ghana: The Public Health Implication. *The Open Microbiology Journal*. https://doi.org/10.2174/1874285801913010138

48. Justice Afrifa, Felix A. Botchway, Yeboah Kwaku Opoku, Joyce Badohu, Henrietta Ekua Ocran, **Kwame Kumi Asare**, Samuel Essien-Baidoo (2019). Assessment of cardiovascular risk in post-menopausal women in Ghana. *F1000Research*. https://doi.org/10.12688/f1000research.19447.1

49. **Kwame Kumi Asare**, Yeboah Kwaku Opoku, Alberta Serwah Anning, Justice Afrifa, Eric Ofori Gyamerah (2019). Case Report: A case of dipylidiasis in a first-trimester pregnant woman attending a routine antenatal clinic at Elmina health centre, Ghana. *F1000Research*. https://doi.org/10.12688/f1000research.19081.1

50. Alberta Serwah Anning, Godwin Kwakye-Nuako, Elvis Ofori Ameyaw, Mba-Tihssommah Mosore, **Kwame Kumi Asare** (2019). In vitro activity of Erythrophleum ivorense extract against the promastigote stage of cutaneous Leishmania parasite, a member of Leishmania (Mundinia) enriettii complex isolates from Ghana. *Access Microbiology*. https://doi.org/10.1099/acmi.0.000050

51. Alberta S Anning, Godwin Kwakye-Nuako, **Kwame K Asare** (2019). NAOSITE: Nagasaki University's Academic Output SITE. *Open Microbiology Journal*. https://scholar.google.com/scholar?cluster=3646599852990099420&hl=en&oi=scholarr

52. **Asare, Kwame** (2018). A Randomised Field Trial Evaluating the Cost-Effectiveness of District Hospital Systems in Ghana: A Methodological Appraisal. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18951052

53. Yeboah K. Opoku, Johnson N. Boampong, Irene Ayi, Godwin Kwakye-Nuako, Dorcas Obiri-Yeboah, Harriet Koranteng, George Ghartey-Kwansah, **Kwame K. Asare** (2018). Socio-Behavioral Risk Factors Associated with Cryptosporidiosis in HIV/AIDS Patients Visiting the HIV Referral Clinic at Cape Coast Teaching Hospital, Ghana. *The Open AIDS Journal*. https://doi.org/10.2174/1874613601812010106

54. **Kwame Kumi Asare** (2018). The Plasmodium knowlesi MAHRP2 ortholog localizes to structures connecting Sinton Mulligan's clefts in the infected erythrocyte. *Parasitology International*. https://www.sciencedirect.com/science/article/pii/S1383576918300795

55. Agyeman-Badu, Kofi, Mensah, Ama Serwaa, **Asare, Kwame**, Nkrumah, Efua (2017). A Systematic Review of Medicinal Access and Delivery Challenges in Ghana: An African Perspective,. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18527607

56. Festus K. Acquah, Evans K. Obboh, **Kwame Asare**, Johnson N. Boampong, Samuel Victor Nuvor, Susheel K. Singh, Michael Theisen, Kim C. Williamson, Linda Eva Amoah (2017). Antibody responses to two new Lactococcus lactis-produced recombinant Pfs48/45 and Pfs230 proteins increase with age in malaria patients living in the Central Region of Ghana. *Malaria Journal*. https://doi.org/10.1186/s12936-017-1955-0

57. Agyeman-Badu, Kofi, **Asare, Kwame**, Mensah, Ama Serwaa (2017). Methodological Evaluation and System Reliability of Community Health Centres in Ghana: A Systematic Review and Multilevel Regression Analysis. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18956314

58. Mensah, Ama Serwaa, **Asare, Kwame** (2017). Methodological Evaluation and Time-Series Forecasting for Yield Improvement in Ghana's Industrial Machinery Fleets. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18973098

59. L. E. Amoah, S. V. Nuvor, E. K. Obboh, F. K. Acquah, **K. Asare**, S. K. Singh, J. N. Boampong, M. Theisen, K. C. Williamson (2017). Natural antibody responses to Plasmodium falciparum MSP3 and GLURP(R0) antigens are associated with low parasite densities in malaria patients living in the Central Region of Ghana. *Parasites & Vectors*. https://doi.org/10.1186/s13071-017-2338-7

60. Elvis Ameyaw, George Koffuor, **Kwame Asare**, Daniels Konja, Asante Dubois, Samuel Kyei, Arnold Forkuo, Richard Mensah (2016). Cryptolepine, an indoloquinoline alkaloid, in the management of diabetes mellitus and its associated complications. *Journal of Intercultural Ethnopharmacology*. https://doi.org/10.5455/jice.20160606124435

61. Godwin Kwakye-Nuako, Johnson Nyarko Boampong, Mark Kweku Dong, Dorcas Obiri-Yeboah, Yeboah Kwaku Opoku, Daniel Amoako-Sakyi, **Kwame Kumi Asare** (2016). Modulation of cyptosporidiosis by CD4 levels in chronic diarrhoea HIV/AIDS individuals visiting Tarkwa Municipal hospital, Ghana. *Asian Pacific Journal of Tropical Disease*. https://doi.org/10.1016/s2222-1808(16)61127-1

62. **Kwame K. Asare**, Johnson N. Boampong, Nancy O. Duah, Richmond Afoakwah, Rakesh Sehgal, Neils B. Quashie (2016). Synergism between Pfcrt and Pfmdr1 genes could account for the slow recovery of chloroquine sensitive Plasmodium falciparum strains in Ghana after chloroquine withdrawal. *Journal of Infection and Public Health*. https://doi.org/10.1016/j.jiph.2016.02.004

63. **Asare, Kwame** (2015). A Qualitative Exploration of Child Mercury Exposure and Artisanal Gold Mining Proximity in Ghana's Prestea-Huni Valley District. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18530577

64. Mensah, Esi, Agyeman-Badu, Kofi, **Asare, Kwame** (2015). An Ethnographic Study of School-Based WASH Interventions and Diarrhoeal Absenteeism in Volta Region Primary Schools, Ghana, 2015. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18530534

65. **Asare, Kwame**, Mensah-Bonsu, Kofi, Nyarko, Ama Serwaa (2014). A Cross-Sectional Survey of the Adoption and Fidelity of the WHO Surgical Safety Checklist in Central Region District Hospitals, Ghana. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.18530125

66. Richmond Afoakwah, Johnson N. Boampong, Alexander Egyir-Yawson, Ekene K. Nwaefuna, Orish N. Verner, **Kwame K. Asare** (2014). High prevalence of PfCRT K76T mutation in Plasmodium falciparum isolates in Ghana. *Acta Tropica*. https://doi.org/10.1016/j.actatropica.2014.03.030

67. **Asare, Kwame**, Danquah, Bawaa, Owusu, Achampong, Amofa, Frempong (2014). Methodological Evaluation of Public Health Surveillance Systems in Ghana: A Randomized Field Trial for Risk Reduction Assessment. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.19040051

68. **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

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