Faustina Pappoe

Senior Lecturer · Microbiology
University of Cape Coast

ORCID 0000-0001-9394-8404 · Google Scholar scholar.google.com/citations?user=dxOwD14AAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/b7ba29ea-863d-4736-82ab-fe12f9c80ad7

RESEARCH

Interests	Infection and immunity
Areas	Epidemiology · Hepatology · Public Health, Environmental and Occupational Health · Parasitology · Infectious Diseases · Immunology

RESEARCH SUMMARY

26	477	12	14	1.33	11%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 26 publications listed below, 2014–2026. Field-weighted impact is the mean over the 19 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 19 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Dr.
Department of microbiology and immunology, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 24

1. Richmond Kwakye, David Courtin, Samuel Asamoah Sakyi, **Faustina Pappoe**, Gideon Kwesi Nakotey, Naa Adjeley Frempong, Prince Amoah Barnie, Benjamin Amoani (2026). Evaluation of HLA-G and Hematobiochemical levels and their association with malaria and miscarriage among pregnant women: A Ghanaian case-control study. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0355847
2. Madison Adanusa, George Adjei, Sebastian Eliason, Samuel Amoah, Benson Cecil, Ignatius Sirikyi, **Faustina Pappoe**, Anasthasia Ofori, Frederick Adjei, Bernice Appau, Benjamin Nyane, Arthur Rudolf, Hagan Oheneba (2025). Sero-prevalence of Hepatitis B and C at a Primary Health Care Facility in Ghana. *African Health Sciences*. https://doi.org/10.4314/ahs.v24i4.5
3. R. Osei Saahene, P. Barnes, A. Mensah, L. Derkyi-Kwarteng, E. Adankwah, E. Agbo, E.S. Yahaya, P.K. Akakpo, **F. Pappoe**, K. Dankwa, D. Amoako-Sakyi, S.V. Nuvor, D. Obiri-Yeboah (2024). Clinical Validation of Nuclear Factor Kappa B (p65) Among Head and Neck Cancer Patients at One Institution. *International Journal of Radiation Oncology*Biology*Physics*. https://doi.org/10.1016/j.ijrobp.2024.01.072
4. R. Adatsi, **F. Pappoe**, A.S. Bockarie, L. Derkyi-Kwarteng, P. Nsiah, E.W. Weyori, K. Dankwa, E. Aniakwaa-Bonsu, J. Setorglo, S. Acquah (2024). Falciparum malaria is associated with risk markers of type 2 diabetes mellitus in individuals with or without COVID-19 exposure. *African Journal of Clinical and Experimental Microbiology*. https://doi.org/10.4314/ajcem.v25i1.2
5. Emmanuel Salia, Yvonne Ayerki Nartey, Francis Tanam Djankpa, **Faustina Pappoe**, Samuel Victor Nuvor, Dorcas Obiri-Yeboah (2024). Prevalence of occult hepatitis B infection among treatment-naive persons living with HIV in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0305862
6. **Faustina Pappoe**, Abraham Mensah, Leonard Derkyi-Kwarteng, Ernest Adankwa, Elvis Agbo, Ewura Seidu Yahaya, Benjamin Amoani, George Adjei, Samuel Mingyigilougu Apewe Ka-Chungu, Patrick Kafui Akakpo, Faustina Halm-Lai, Kwabena Dankwa, Daniel Amoako-Sakyi, Samuel Victor Nuvor, Dorcas Obiri-Yeboah,

Roland Osei Saahene (2024). Prognostic Significance of Nuclear Factor Kappa B (p65) among Breast Cancer Patients in Cape Coast Teaching Hospital. *Medical Principles and Practice*. https://doi.org/10.1159/000539241

7. Richard Kujo Adatsi, Ansumana Sandy Bockarie, Leonard Derkyi-Kwarteng, **Faustina Pappoe**, Paul Nsiah, Kwabena Dankwa, Samuel Acquah (2023). Increased insulin resistance with reduced beta cell function in recovered COVID-19 Ghanaians. *Endocrine and Metabolic Science*. https://doi.org/10.1016/j.endmts.2023.100150
8. 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
9. Elvis Quansah, **Faustina Pappoe**, Jilong Shen, Miao Liu, Shijie Yang, Li Yu, Chao Zhang (2022). ApiAP2 Gene-Network Regulates Gametocytogenesis in Plasmodium Parasites. *Cellular Microbiology*. https://doi.org/10.1155/2022/5796578
10. **Faustina Pappoe**, Charles Kofi Oheneba Hagan, Dorcas Obiri-Yeboah, Paul Nsiah (2019). Sero-prevalence of hepatitis B and C viral infections in Ghanaian HIV positive cohort: a consideration for their health care. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-019-4027-y
11. Wanbo Zhu, Jingyang Li, **Faustina Pappoe**, Jilong Shen, Li Yu (2019). Strategies Developed by Toxoplasma gondii to Survive in the Host. *Frontiers in Microbiology*. https://doi.org/10.3389/fmicb.2019.00899
12. H. Haile, M. Zheng, **F. Pappoe**, J. Shen, Y. Xu (2018). Genotyping and Sero-Virological characterization of Hepatitis B Virus in blood donors, Southern Ethiopia. *International Journal of Infectious Diseases*. https://doi.org/10.1016/j.ijid.2018.04.3521
13. Henock Ambachew, Meijuan Zheng, **Faustina Pappoe**, Jilong Shen, Yuanhong Xu (2018). Genotyping and sero-virological characterization of hepatitis B virus (HBV) in blood donors, Southern Ethiopia. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0193177
14. Dorcas Obiri-Yeboah, **Faustina Pappoe**, Ibrahim Baidoo, Francis Arthur, Anna Hayfron-Benjamin, Samuel Essien-Baidoo, Godwin Kwakye-Nuako, Stephen Ayisi Addo (2018). Immunologic and virological response to ART among HIV infected individuals at a tertiary hospital in Ghana. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-018-3142-5
15. Dorcas Obiri-Yeboah, Yaw Asante Awuku, Joseph Adu, **Faustina Pappoe**, Evans Obboh, Paul Nsiah, Daniel Amoako-Sakyi, Jacques Simpore (2018). Sero-prevalence and risk factors for hepatitis E virus infection among pregnant women in the Cape Coast Metropolis, Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0191685
16. Weisheng Cheng, Cong Wang, Ting Xu, Fang Liu, **Faustina Pappoe**, Qingli Luo, Yuanhong Xu, Fangli Lu, Jilong Shen (2017). Genotyping of polymorphic effectors of Toxoplasma gondii isolates from China. *Parasites & Vectors*. https://doi.org/10.1186/s13071-017-2527-4
17. **Faustina Pappoe**, Weisheng Cheng, Lin Wang, Yuanling Li, Dorcas Obiri-Yeboah, Samuel Victor Nuvor, Henock Ambachew, Xiaodong Hu, Qingli Luo, Deyong Chu, Yuanhong Xu, Jilong Shen (2017). Prevalence of Toxoplasma gondii infection in HIV-infected patients and food animals and direct genotyping of T. gondii isolates, Southern Ghana. *Parasitology Research*. https://doi.org/10.1007/s00436-017-5442-x
18. **Faustina Pappoe** (2016). Pharmacokinetic and pharmacodynamic interactions of aspirin with warfarin in beagle dogs. *Xenobiotica*. https://doi.org/10.3109/00498254.2015.1096979
19. **F Pappoe** (2016). Schistosoma japonicum cystatin attenuates murine collagen-induced arthritis. *Parasitology research*. https://doi.org/10.5555/20163349514
20. **Bonsu2 Faustina Pappoe** (2016). Seroprevalence of Hyperglycaemia in HIV Positive Patients Visiting the Cape Coast Teaching Hospital in Ghana. *Journal of Health, Medicine, and Nursing*. https://ir.ucc.edu.gh/server/api/core/bitstreams/93928364-6805-46bc-8d2e-bae9531d47d6/content
21. Alex Boye, Josephine Arhenful, **Faustina Pappoe**, Dennis Kobla Amego Penu, Enoch Odame Anto (2015). Is There an Association Between Helminthiasis and Anemia in Pregnancy?: A Test Case of Pregnant Women Attending Two Hospitals in Cape Coast.

22. **F Pappoe** (2015). Polarization of macrophages induced by Toxoplasma gondii and its impact on abnormal pregnancy in rats. *Acta tropica*. https://doi.org/10.5555/20153117071

23. **F Pappoe** (2015). Variation detection based on next-generation sequencing of type Chinese 1 strains of Toxoplasma gondii with different virulence from China. *Bmc Genomics*. https://doi.org/10.5555/20153410226

24. **F Pappoe** (2015). Xpert MTB/RIF Assay for Pulmonary Tuberculosis and Rifampicin Resistance in Children: a Meta-Analysis. *Clinical laboratory*. https://europepmc.org/article/med/26732005

Book chapters 1

1. **Faustina Pappoe**, Samuel Victor Nuvor (2021). Host-Microbial Relationship: Immune Response to Microbial Infections with or without Medication. *IntechOpen eBooks*. https://doi.org/10.5772/intechopen.97814

Reports 1

1. **FAUSTINA Pappoe** (2014). Prevalence of bacterial pathogens isolated from sputum cultures of hospitalized adult patients with community-acquired pneumonia at the cape coast teaching hospital. *Ghana*. https://e3journals.org/cms/articles/1412502543_GALLEY%20PROOF-GAGZ%20no%202.pdf