

Faustina Pappoe

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RESEARCH

Interests Infection and immunity

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

RESEARCH SUMMARY

26

Publications

477

Citations

12

h-index

14

i10-index

1.33

Field-weighted
impact

11%

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 Sirikiyi, **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*Biophysics*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-naïve 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 Poinignon, 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 Simporé (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