



## Editorial

Open  
Access

### Welcome message from the Editor-in-chief

Rev Prof Benjamin Arko-Boham  
Email: [barko-boham@ug.edu.gh](mailto:barko-boham@ug.edu.gh)



This March 2026 issue of the Health Sciences Investigations Journal highlights the breadth of contemporary biomedical research, presenting 14 original articles and 1 short communication. Collectively, these contributions reflect our mission to advance rigorous inquiry and foster meaningful dialogue across disciplines.

Several papers address infectious diseases and global health. Irahm et al. analyze pathogenic variants in TB susceptibility genes across continents, while Yangnemenga assesses diagnostic tools for asymptomatic typhoid infections. Adusei-Poku reports on SARS-CoV-2 detection among travellers entering Ghana, and Asare et al. document viral hepatitis screening and vaccination campaigns. These studies underscore the importance of surveillance, diagnostics, and prevention in disease control. Other articles focus on non-communicable diseases and public health priorities. Addie et al. examine cardiovascular morbidity

and mortality in Lagos State, Mensah et al. model stillbirth risk factors, and Agyekum explores social media's influence on dietary choices among university students. Together, they highlight the multifaceted nature of public health challenges.

Innovations in diagnostics and methodologies are well represented. Adankwah et al. evaluate touch imprint cytology for cancer diagnosis, Owusu-Boakyee et al. develop a wound management instrument for nurses, and Abdulai et al. show how ulna length predicts adult height. These practical solutions enhance care delivery in diverse settings.

The issue also features experimental and translational research. Asiamah et al. demonstrate cacao's protective effects on hepatic function, Tagoe et al. show how enriched housing reduces depression potential in animal models, and Adjei et al. reflect on two decades of contributions by the NMIMR Laboratory Animal Facility. Finally, Kodua et al. provide a mixed-methods evaluation of Ghana's National Action Plan on antimicrobial resistance, offering lessons in policy implementation and capacity building. Complementing these, Ankamah's short communication emphasizes the importance of rigorous search strategy development and appraisal in strengthening research quality, a timely reminder that methodological rigor underpins all scientific advancement.

Collectively, contributions illustrate the journal's role as a platform for innovation, collaboration, and impact. I invite readers to engage with this issue not only as a collection of findings but as a catalyst for dialogue and discovery. May these studies inspire new collaborations, inform practice, and advance the shared goal of improving health outcomes across communities and continents. As Editor-in-Chief, I extend my gratitude to our authors, reviewers, proofreaders, editorial team, and the University of Ghana College of Health Sciences for their diverse support in growing the journal.

*Thank You*

#### About the Editor-in-chief

Rev Prof Benjamin Arko-Boham is a biomedical scientist and faculty member of the Department of Anatomy at the University of Ghana Medical School and a fellow of the West African College of Morphologists. His research focuses on cancer biology, genetics, and molecular mechanisms of disease, with a particular emphasis on breast cancer in African populations. He publishes widely, mentors emerging scholars, and contributes to strengthening biomedical research capacity in Ghana and the wider region. As Editor-in-Chief of Health Sciences Investigations Journal, he provides editorial leadership and vision, ensuring the journal remains a trusted platform for advancing health sciences scholarship.

Visit or download articles from our website <https://www.hsijournal.ug.edu.gh>