Paulina Ampomah

Senior Lecturer · Biomedical Sciences
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RESEARCH

Interests: Biomedicine · Immunology

Areas: Public Health, Environmental and Occupational Health · Immunology · Molecular Biology · Parasitology · General Health Professions · Oncology

RESEARCH SUMMARY

23	257	8	6	2.25	33%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 23 publications listed below, 2008–2025. Field-weighted impact is the mean over the 15 works scored for it; 1.00 is the world average for works of the same field, type and year. 5 of the 15 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer
Biomedical Sciences, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PHD 2010–2014
Center for Medical Parasitology, University of Copenhagen, Copenhagen, Denmark

PUBLICATIONS

Journal articles 21

1. **Paulina Ampomah**, Wisdom Xoese Kwadzo Agroh, Ernest Amponsah Asiamah (2025). Zanthoxylum zanthoxyloides leaf extracts demonstrate antimicrobial effect on selected oral pathogens. *THE JOURNAL*. https://phytopharmajournal.com/assets/pdf_files/Vol14_Issue1_06.pdf
2. Nicholas Kwame Afriyie Gyamfi, George Nkrumah Osei, Ruth C. Brenyah, Lawrence Duah Agyemang, **Paulina Ampomah**, Kwame Osei Darkwah, Emmanuel Toboh, Richard K D Ephraim (2024). Assessing Concordance of Results: A Comparative Study of the Manual and Automated Urinalysis Methods. *BioMed Research International*. https://doi.org/10.1155/2024/6963423
3. Mary Lopez-Perez, Firmine Viwami, **Paulina Ampomah**, Tonći Šuštić, Mads Delbo Larsen, Manfred Wuhrer, Gestur Vidarsson, Michael F Ofori, Nicaise Tuikue Ndam, Lars Hviid (2024). Fc-Afucosylation of VAR2CSA-Specific Immunoglobulin G and Clinical Immunity to Placental Plasmodium falciparum Malaria. *The Journal of Infectious Diseases*. https://doi.org/10.1093/infdis/jiae529
4. **Paulina Ampomah**, Erica Buadii, Benjamin Aboagye (2023). Identification of high-risk groups of falciparum malaria in western region of Ghana: The predictive value of ABO Blood group typology. *Integrated Health Research Journal*. https://doi.org/10.47963/ihrj.v1i1.1177
5. Desmond Omane Acheampong, Ernest Obese, Robert Peter Biney, Benjamin Amoani, Emmanuel A Adakudugu, **Paulina Ampomah**, Elvis O Ameyaw (2022). In Vitro and In Vivo Antiplasmodial Activity and Safety Profile of Hydroethanolic Leaf Ex-tract of Calotropis Procera (Ait) R. Br.(Apocynaceae). *Annals of Pharma Research*. https://annalsofpharmaresearch.com/index.php?

journal=apr&page=article&op=view&path%5B%5D=70

6. **Paulina Ampomah**, MF Ofori (2021). Afucosylated IgG is naturally produced in response to intracellular pathogens including SARS-CoV-2 and Plasmodium falciparum but not by subunit vaccination. *European Journal of Immunology*. https://www.documentation.ird.fr/hor/PAR00024045
7. Mads Delbo Larsen, Mary Lopez-Perez, Emmanuel Kakra Dickson, **Paulina Ampomah**, Nicaise Tuikue Ndam, Jan Nouta, Carolien A. M. Koeleman, Agnes L. Hipgrave Ederveen, Benjamin Mordmüller, Ali Salanti, Morten Agertoug Nielsen, Achille Massougbodji, C. Ellen van der Schoot, Michael F. Ofori, Manfred Wuhrer, Lars Hviid, Gestur Vidarsson (2021). Afucosylated Plasmodium falciparum-specific IgG is induced by infection but not by subunit vaccination. *Nature Communications*. https://doi.org/10.1038/s41467-021-26118-w
8. Enoch Aninagyei, Patrick Adu, Tanko Rufai, **Paulina Ampomah**, Godwin Kwakye-Nuako, Alexander Egyir-Yawson, Desmond Omane Acheampong (2021). Effect of Asymptomatic Plasmodium falciparum Parasitaemia on Platelets Thrombogenicity in Blood Donors. *Indian Journal of Hematology and Blood Transfusion*. https://doi.org/10.1007/s12288-020-01390-w
9. Desmond Omane Acheampong, Patrick Adu, **Paulina Ampomah**, Kwabena Obeng Duedu, Enoch Aninagyei (2021). Immunological, haematological, and clinical attributes of rural and urban malaria: a case–control study in Ghana. *Journal of Parasitic Diseases*. https://doi.org/10.1007/s12639-021-01363-4
10. Mustapha A. Ahmed, Elvis O. Ameyaw, Francis Ackah-Armah, Desmond O. Acheampong, Benjamin Amoani, **Paulina Ampomah**, Emmanuel A. Adakudugu, Christian K. Adokoh (2021). In vitro and In vivo antimalarial activities of Avicennia africana P. Beauv. (Avicenniaceae) ethanolic leaf extract. *Journal of Traditional and Complementary Medicine*. https://doi.org/10.1016/j.jtcme.2021.11.004
11. Enoch Aninagyei, Kwabena Obeng Duedu, Tanko Rufai, Comfort Dede Tetteh, Margaretta Gloria Chandi, **Paulina Ampomah**, Desmond Omane Acheampong (2020). Characterization of putative drug resistant biomarkers in Plasmodium falciparum isolated from Ghanaian blood donors. *BMC Infectious Diseases*. https://doi.org/10.1186/s12879-020-05266-2
12. E. Aninagyei, D. Omane Acheampong, **P. Ampomah**, A. Egyir-Yawson, A. Boye (2020). Characterization of putative drug resistant markers in Plasmodium falciparum isolated in Ghanaian blood donors. *International Journal of Infectious Diseases*. https://doi.org/10.1016/j.ijid.2020.09.1133
13. Mary Lopez-Perez, Mads Delbo Larsen, Rafael Bayarri-Olmos, **Paulina Ampomah**, Liz Stevenson, Myriam Arévalo-Herrera, Sócrates Herrera, Lars Hviid (2018). IgG Responses to the Plasmodium falciparum Antigen VAR2CSA in Colombia Are Restricted to Pregnancy and Are Not Induced by Exposure to Plasmodium vivax. *Infection and Immunity*. https://doi.org/10.1128/iai.00136-18
14. **P Ampomah**, K Yankson, HK Akotoye, Elvis Ofori Ameyaw (2017). An ethnomedicinal survey of plants used to treat malaria in the Central Region of Ghana. *J. Phytopharmacol*. https://www.academia.edu/download/125378892/Vol6_Issue2_08.pdf
15. Deasmond O. Acheampong, Christian K. Adokoh, **Paulina Ampomah**, Daniel S. Agyirifor, Isaac Dadzie, Francis A. Ackah, Ernest A. Asiamah (2017). Bispecific Antibodies (bsAbs): Promising Immunotherapeutic Agents for Cancer Therapy. *Protein and Peptide Letters*. https://doi.org/10.2174/0929866524666170120095128
16. **Paulina Ampomah**, James Afriyie (2017). Housing Surroundings and Self-reported Cases of Malaria in two Communities in Central Region of Ghana. *The International Annals of Medicine*. https://doi.org/10.24087/iam.2017.1.11.283
17. Mads Delbo Larsen, Sisse Ditlev, Rafael Bayarri Olmos, **Paulina Ampomah**, Michael F. Ofori, Peter Garred, Lars Hviid (2017). Malaria parasite evasion of classical complement pathway attack. *Molecular Immunology*. https://doi.org/10.1016/j.molimm.2017.06.123
18. Desmond O Acheampong, Christian K Adokoh, **Paulina Ampomah**, Daniel S Agyirifo, Ernest A Asiamah (2017). Send Orders for Print-Reprints and e-prints to reprints@ benthamscience. ae. *Protein & Peptide Letters*. https://ir.ucc.edu.gh/server/api/core/bitstreams/cb5b3632-5e40-4bda-8506-c9b914e696b2/content
19. **Paulina Ampomah**, Liz Stevenson, Michael F. Ofori, Lea Barfod, Lars Hviid (2014). B-Cell Responses to

Pregnancy-Restricted and -Unrestricted Plasmodium falciparum Erythrocyte Membrane Protein 1 Antigens in Ghanaian Women Naturally Exposed to Malaria Parasites. *Infection and Immunity*. https://doi.org/10.1128/iai.01514-13

20. **Paulina Ampomah**, Liz Stevenson, Michael F Ofori, Lea Barfod, Lars Hviid (2014). Kinetics of B Cell Responses to Plasmodium falciparum Erythrocyte Membrane Protein 1 in Ghanaian Women Naturally Exposed to Malaria Parasites. *The Journal of Immunology*. https://doi.org/10.4049/jimmunol.1400325

21. **Paulina Ampomah** (2014). og evt. undertitel: Immunologisk B-celle hukommelse for Plasmodium falciparum antigener. *Rev. Immunol*.

Conference papers 1

1. **P Ampomah**, M Ofori (2013). Exposure dependency of antibody levels and memory B-cell frequencies in Plasmodium falciparum-exposed Ghanaian women. *TROPICAL MEDICINE & INTERNATIONAL HEALTH*. https://scholar.google.com/scholar?cluster=15503146643678985588&hl=en&oi=scholarr

Theses 1

1. **P Ampomah** (2008). Malaria: epidemiology and herbal treatment options in some selected districts of the Central Region of Ghana. *Thesis*, *University of Cape Coast*, *Cape Coast*, *Ghana*. https://scholar.google.com/scholar?cluster=3346592361060840859&hl=en&oi=scholarr