Leonard Derkyi-Kwarteng

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RESEARCH

Interests	Pathology · Medicine · Oncopathology
Areas	Public Health, Environmental and Occupational Health · Epidemiology · Cancer Research · Oncology · Infectious Diseases · Surgery

RESEARCH SUMMARY

51	243	9	8	0.74	10%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 51 publications listed below, 2013–2026. Field-weighted impact is the mean over the 41 works scored for it; 1.00 is the world average for works of the same field, type and year. 4 of the 41 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer
Department of Pathology, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

PhD, MBChB, BSc
School of Medical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 47

1. Kofi Ulzen-Appiah, Cornelia Obiri-Akyea, Emmanella Amoako, **Leonard Derkyi-Kwarteng**, Patrick Akakpo (2026). 19 Hanging as a Method of Suicide: A 12-Year Institutional Review. *Laboratory Investigation*. https://doi.org/10.1016/j.labinv.2025.104296
2. Emmanuel Nortey, **Leonard Derkyi-Kwarteng**, Daniel Amoako-Sakyi, Ansumana Sandy Bockarie, Samuel Yeboah, Samuel Acquah (2025). Galectin-3 did not associate with malaria-related insulin resistance in diabetic and non-diabetic respondents at a Ghanaian General Hospital. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0330068
3. Precious Barnes, Abraham Mensah, **Leonard Derkyi-Kwarteng**, Ernest Adankwa, Elvis Agbo, Ewura Yahaya, Benjamin Amoani, Emmanuel Imbeah, George Adjei, Patrick Akakpo, Faustina Halm-Lai, Kwabena Dankwa, Samuel Nuvor, Roland Saahene, Dorcas Obiri-yeboah (2025). NF-κB (p65) protein expression in head and neck tumors and its association with clinicopathological parameters. *World Academy of Sciences Journal*. https://doi.org/10.3892/wasj.2025.330
4. Ansumana Sandy Bockarie, **Leonard Derkyi-Kwarteng**, Jeffrey Amankona Obeng, Richard Kujo Adatsi, Ebenezer Aniakwaa-Bonsu, Charles Apprey, Jerry Ampofo-Asiama, Samuel Acquah (2025). Prevalence and determinants of insulin resistance in recovered COVID-19 and uninfected residents of two regional capitals in Ghana: An observational study. *PLOS Global Public Health*. https://doi.org/10.1371/journal.pgph.0004506
5. **Leonard Derkyi-Kwarteng**, Frank Naku Ghartey, Eric Aidoo, Ernest Addae, Emmanuel Gustav Imbeah, Ato

Ampomah Brown, Samuel Acquah (2024). A retrospective analysis suggests PTEN expression is associated with favorable clinicopathological features of breast cancer. *Scientific Reports*. https://doi.org/10.1038/s41598-024-69252-3

6. 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
7. 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
8. Nelson Ekow Kumah, Evans Kofi Agbeno, **Leonard Derkyi-Kwarteng**, Ebenezer Aniakwaa-Bonsu, Sampson Kafui Djonor, Samuel Acquah (2024). Gestational glucose intolerance among pregnant women at the Cape Coast Teaching Hospital. *BMC Pregnancy and Childbirth*. https://doi.org/10.1186/s12884-024-06568-y
9. Jeffrey Amankona Obeng, Richard Kujo Adatsi, **Leonard Derkyi-Kwarteng**, Ansumana Sandy Bockarie, Samuel Victor Nuvor, Ebenezer Aniakwaa-Bonsu, Paul Nsiah, Samuel Acquah (2024). Increased diabetogenic risk of recovered COVID-19 infection and unexposed respondents in the Central Region of Ghana. *Scientific African*. https://doi.org/10.1016/j.sciaf.2024.e02179
10. 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
11. Patrick Kafui Akakpo, Sebastian Ken-Amoah, Nancy Innocentia Ebu Enyan, Elizabeth Agyare, Emmanuel Salia, Ibrahim Baidoo, **Leonard Derkyi-Kwarteng**, Matthew Asare, George Adjei, Stephen Ayisi Addo, Dorcas Obiri-Yeboah (2023). High-risk human papillomavirus genotype distribution among women living with HIV; implication for cervical cancer prevention in a resource limited setting. *Infectious Agents and Cancer*. https://doi.org/10.1186/s13027-023-00513-y
12. 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
13. Patrick Kafui Akakpo, **L Derkyi-Kwarteng**, Emmanuel Gustav Imbeah, Kofi Ulzen-Appiah, SYO Ansong, Eliason S Eliason, Awuku YA Awuku (2022). Clinical Autopsy As An Outcome Measure And Tool For Quality Improvement At The Cape Coast Teaching Hospital. *Postgraduate Medical Journal of Ghana*. https://doi.org/10.60014/pmjg.v11i2.293
14. **Leonard Derkyi-Kwarteng**, L. Ahenkorah Fondjo, P. Kafui Akakpo, Eric Aidoo, Ato Brown, Ellen Ola, Stephanie K. A. Adjei, Francis Agyemang (2022). Sub-Classification of Triple-Negative Breast Cancer using Androgen Receptor and Cytokeratin 5/6. *Journal of Cancer and Tumor International*. https://doi.org/10.9734/jcti/2022/v12i330181
15. **Leonard Derkyi-Kwarteng**, Ellen Ola, Stephanie K. Annan Adjei, Nathaniel K. Korsah (2022). Vulva Schistosomiasis Presenting as Chronic Malignant Ulcer in an HIV Patient: A Case Report and a Review of the Literature. *International Journal of TROPICAL DISEASE & Health*. https://doi.org/10.9734/ijtdh/2022/v43i1430640
16. Anthony A. Ofori, Evans Kofi Agbeno, Joseph Osarfo, Douglas Aninng Opoku Anning, Abigail Serwaa Boateng, Sebastian Ken-Amoah, Anthony Ofori Amanfo, **Leonard Derkyi-Kwarteng**, Mohammed Mouhajer, Sarah Ama Amoo, Joycelyn Ashong, Ernestina Jeffery (2021). A ten-year review of indications and outcomes of obstetric admissions to an intensive care unit in a low-resource country. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0261974

17. **L Derkyi-Kwarteng** (2021). Hypopharyngeal Schwannoma: A Ghanaian Case Report. *Postgraduate Medical Journal of Ghana*. http://journal.gcps.edu.gh/index.php/pmjg/article/view/254

18. Eric Gyan, William K.B.A. Owiredu, Linda Ahenkorah Fondjo, Andrew M. Jackson, Andrew R. Green, Michael S. Toss, Patrick K. Akakpo, **Leonard Derkyi-Kwarteng**, Ganiyu A. Rahman (2021). The combination phenotype of B-cell specific Moloney murine leukaemia virus integration site 1 (BMI1) and CD44+/CD24−/low associates with poor clinicopathological features in African patients with breast cancer. *Gene Reports*. https://doi.org/10.1016/j.genrep.2021.101475

19. Eric Gyan, Andrew Green, Linda Ahenkorah-Fondjo, Andrew Jackson, Michael S. Toss, Patrick Kafui Akakpo, **Leonard Derkyi-Kwarteng**, Ganiyu A. Rahman, William Owiredu (2021). The role of ALDH1A1 in contributing to breast tumour aggressiveness: A study conducted in an African population. *Annals of Diagnostic Pathology*. https://doi.org/10.1016/j.anndiagpath.2020.151696

20. James K. Prah, **Leonard Derkyi-Kwarteng** (2020). A missed cornual ectopic pregnancy: a case report. *International Journal of Reproduction Contraception Obstetrics and Gynecology*. https://doi.org/10.18203/2320-1770.ijrcog20204836

21. **Leonard Derkyi-Kwarteng**, Ato A. Brown, Abigail Derkyi-Kwarteng, Eric Gyan, Kafui P. Akakpo, Afua Abraham (2020). Benign Proliferative Breast Disease: A Histopathological Review of Cases at Korle Bu Teaching Hospital. *Journal of Advances in Medicine and Medical Research*. https://doi.org/10.9734/jammr/2019/v31i1130335

22. **Leonard Derkyi-Kwarteng**, Agyemang-Yeboah F, Ahenkorah Fondjo L, Gustav Imbeah E, Kafui Akakpo P (2020). Clinicohistologic Characteristics of Breast Cancer in Ghanaian Patients. *Annals of Pathology and Laboratory Medicine*. https://doi.org/10.21276/apalm.2866

23. Patrick Kafui Akakpo, Emmanuel Gustav Imbeah, Francis Agyarko-Wiredu, Kennedy Awlavi, Kwame Baah-Amoh, **Leonard Derkyi-Kwarteng** (2020). Community Causes of Death in the Central Region of Ghana, the Missing Piece in Mortality Data. *Advances in Public Health*. https://doi.org/10.1155/2020/2714616

24. PK Akakpo, **L Derkyi-Kwarteng**, Richard Baidoo (2020). Epidemiology of childhood injury-related deaths: review of mortality data at the Cape Coast Teaching Hospital. *PAMJ-One Health*. https://www.one-health.panafrican-med-journal.com/content/article/1/7/full/

25. AtoAmpomah Brown, **Leonard Derkyi-Kwarteng**, ChrissieStansie Abaidoo (2020). The effect of malaria-induced serum tumor necrosis factor-alpha on epiphyseal bone formation of rats. *Acta Medica International*. https://doi.org/10.4103/ami.ami_10_20

26. AtoAmpomah Brown, NkechiOluwakemi Dike, **Leonard Derkyi-Kwarteng**, ChrissieStansie Abaidoo (2020). The effect of recurrent malaria infections on bone and cartilage at the distal femoral epiphysis of rats: A histological study. *Journal of Current Research in Scientific Medicine*. https://doi.org/10.4103/jcrsm.jcrsm_11_20

27. Ato Ampomah Brown, **Leonard Derkyi- Kwarteng**, Emmanuel Okai, Kafui Akakpo (2019). AUTOPSY FINDINGS OF DICEPHALIC DIBRACHIUS PARAPAGUS CONJOINED TWINS: A CASE REPORT. *International Journal of Anatomy and Research*. https://doi.org/10.16965/ijar.2019.231

28. Eric Gyan, **Leonard Derkyi-Kwarteng**, Ato Ampoma Brown, Abigail Derkyi-Kwarteng, Abrahams Afua Darkwa, Solomon Quayson, Patrick Kafui Akakpo (2019). Benign breast conditions: An eight-year single-centre histopathological review of women presenting with mass lesions at the Korle-Bu Teaching Hospital, Ghana. *Annals of Diagnostic Pathology*. https://doi.org/10.1016/j.anndiagpath.2019.07.003

29. **Leonard Derkyi-Kwarteng**, Kafui P. Akakpo, Ato A. Brown, Abigail N. Derkyi-Kwarteng, Emmanuel Gustav Imbeah (2019). Sinonasal Melanoma: A Rare Cause of Severe Nasal Bleeding. *Journal of Advances in Medicine and Medical Research*. https://doi.org/10.9734/jammr/2019/v31i830315

30. Patrick K Akakpo, Kofi Ulzen-Appiah, Evans Agbeno, **Leonard Derkyi-Kwarteng** (2018). Diagnosing and treating rare lesions in a low resource setting: lessons from a hybrid epithelioid trophoblastic tumor and choriocarcinoma. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v51i4.9

31. Ato Ampomah Brown, **Leonard Derkyi-Kwarteng**, CK Ackom, Queenstar Sarpong Kwakwa, Rachael Ivy Atta, Vera Takyi (2018). Is Simple Reaction Time Influenced by Arm Span, Neck Length and Arm Span to Height Ratios of individuals? *Academia Anatomica International*. https://doi.org/10.21276/aanat.

2018.4.1.7

32. P Akakpo, **L Derkyi-Kwarteng** (2018). year analysis of fatal gunshot injuries in the Central Region of Ghana. *J Forensic Crime Stud*. http://article.scholarena.com/A-6-Year-Analysis-of-Fatal-Gunshot-Injuries-in-the-Central-Region-of-Ghana.pdf

33. Patrick Kafui Akakpo, **Leonard Derkyi-Kwarteng**, Richard Kwasi Gyasi, Solomom Edward Quayson, Simon Naporo, Jehoram Tei Anim (2017). A pathological and clinical study of 706 primary tumours of the ovary in the largest tertiary hospital in Ghana. *BMC Women s Health*. https://doi.org/10.1186/s12905-017-0389-8

34. Samuel Acquah, Elvis Ameyaw, **Leonard Derkyi-Kwarteng**, Daniels Konja, Jonhnson Boampong (2017). Association of Insulin Resistance with Parasitaemia in Rat Malaria. *The International Annals of Medicine*. https://doi.org/10.24087/iam.2017.1.5.130

35. Evans Agbeno, **Leonard Derkyi-Kwarteng**, Patrick K Akakpo (2017). Diagnosing and treating rare lesions in a low resource setting: lessons from a hybrid epithelioid trophoblastic tumor and choriocarcinomaesions in a low resource setting …. *Ghana Medical Journal*. https://ir.ucc.edu.gh/items/56e107c1-17cd-47e5-a53f-b287fec1cf51

36. Patrick K. Akakpo, Yaw A. Awuku, **Leonard Derkyi-Kwarteng**, Kelvin A. Gyamera, Sebastian Eliason (2017). Review of errors in the issue of medical certificates of cause of death in a tertiary hospital in Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v51i1.6

37. Ato Ampomah Brown, **Leonard Derkyi-Kwarteng**, Christian K Ackom, Ernest Addae, Francis Newton, Dennis Amoah, Dennis Nartey Bleman (2017). Simple reaction time: how it relates to body mass index (BMI), gender and handedness in Ghanaian students. *Journal of the Medical Sciences (Berkala Ilmu Kedokteran)*. https://doi.org/10.19106/jmedsci004901201701

38. F.N. Ghartey, D.J. Watmough, A. Anyanful, S. Debrah, M. Morna, S. Eliason, M. Adamu, **L. Derkyi-Kwarteng** (2016). A novel way to visualise tumour related angiogenesis and detect breast tumours in women: A combined clinical and optical method for breast cancer screening of well-women in Ghana. *Annals of Oncology*. https://doi.org/10.1093/annonc/mdw385.11

39. Frederick Hobenu, Simon Naporo, **Leonard Derkyi-Kwarteng**, Patrick Akakpo (2016). Choriocarcinoma, A Rare Cause of Antepartum and Postpartum Haemorrhage, Report of A Case and Review of Literature. *International Journal of Gynecology & Clinical Practices*. https://doi.org/10.15344/2394-4986/2016/118

40. **Leonard Derkyi-Kwarteng**, Ato Ampomah Brown, Kafui P Akakpo (2016). Gallbladder Carcinoma in Ghana: Histopathological Examination of Cholecystectomy Specimen. *Journal of Cancer and Tumor International*. https://hal.science/hal-05433689/

41. Edmund M Der, Irene A Dakwah, **Leonard Derkyi-Kwarteng**, Akosa A Badu (2016). Hanging as a method of suicide in Ghana: A 10 year autopsy study. *Pathology Discovery*. https://doi.org/10.7243/2052-7896-4-2

42. **L Derkyi-Kwarteng**, P Kafui, A Ampomah, K Aboagye, Morna Martin (2016). Macrocystic Lymphatic Malformation: A Rare Cause of Acute Abdomen. *Journal of Advances in Medicine and Medical Research*. https://doi.org/10.9734/bjmmr/2016/23864

43. **L Derkyi-Kwarteng**, P Appiah-Thompson, K Akakpo (2015). A Rare Cause of Recurrent Epistaxis: Lobular Capillary Haemangioma. *Journal of Advances in Medicine and Medical Research*. https://doi.org/10.9734/bjmmr/2016/20431

44. Patrick K Akakpo, **Leonard Derkyi-Kwarteng**, Richard K Gyasi, Solomon E Quayson, Jehoram T Anim (2015). Ovarian Cancer in Ghana, a 10 Year Histopathological Review of Cases at Korle Bu Teaching Hospital. *PubMed*.

45. Patrick K. Akakpo, **Leonard Derkyi-Kwarteng**, Solomon E. Quayson, Richard K. Gyasi, Jehoram T. Anim (2015). Ovarian Tumors in Children and Adolescents: A 10-Yr Histopathologic Review in Korle-Bu Teaching Hospital, Ghana. *International Journal of Gynecological Pathology*. https://doi.org/10.1097/pgp.0000000000000257

46. **L Derkyi-Kwarteng** (2013). Estudio con Rayos X sobre el Periodo de Tiempo para la Osificación del Cartílago Epifisial Clavicular Medial en Estudiantes Ghaneses. *International Journal of Morphology*. https://

www.scielo.cl/scielo.php?pid=S0717-95022013000200021&script=sci_arttext&tlng=en

47. A. A Brown, **L Derkyi-Kwarteng**, H. S Amonoo-Kuofi (2013). Study on the Time Frame for Ossification of the Medial Clavicular Epiphyseal Cartilage by X-ray in Ghanaian Students. *International Journal of Morphology*. https://doi.org/10.4067/s0717-95022013000200021

Conference papers 4

1. **Leonard Derkyi-Kwarteng** (2019). Autopsy as an Outcome Measure and Tool for Quality Improvement in Resource Poor Settings. *LABORATORY INVESTIGATION*. https://scholar.google.com/scholar?cluster=16584046658665980346&hl=en&oi=scholarr
2. **Leonard Derkyi-Kwarteng**, Emmanuel Imbeah (2019). Tissue Schistosomiasis, A Still Relevant but Neglected Tropical Disease, Case Series. *LABORATORY INVESTIGATION*. https://scholar.google.com/scholar?cluster=5007330169424371047&hl=en&oi=scholarr
3. **Leonard Derkyi-Kwarteng** (2017). Determining the Clinical Features and Histopathological Types of Cervical Cancer in the Largest Tertiary Center in Ghana. *LABORATORY INVESTIGATION*. https://scholar.google.com/scholar?cluster=3329064244990970820&hl=en&oi=scholarr
4. **L Derkyi-Kwarteng** (2016). Causes of death in the central region of Ghana: Threat to tourism and socio-economic development? *VIRCHOWS ARCHIV*. https://scholar.google.com/scholar?cluster=16633694296973919426&hl=en&oi=scholarr