Prof. Patrick Adu

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RESEARCH

Interests	Sickle cell disease · Haemoglobinopathy · Blood donation · Anaemia · haematobiochemistry
Areas	Hematology · Genetics · Management of Technology and Innovation · Epidemiology · Pediatrics, Perinatology and Child Health · Public Health, Environmental and Occupational Health

RESEARCH SUMMARY

68	631	13	16	1.09	12%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 68 publications listed below, 2014–2026. Field-weighted impact is the mean over the 60 works scored for it; 1.00 is the world average for works of the same field, type and year. 7 of the 60 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturing 2015–present
Medical Laboratory Science, University of Cape Coast, Cape Coast, Ghana

Research Assistant 2009–2010
Medical Laboratory Science, University of Cape Coast, Cape Coast, Ghana

Dispensing technologist 2004–2005
Pharmacy, Nadowli District Hospital, Nadowli, Ghana

Teaching Assistant 2002
Dispensing Technology, Kumasi Polytechnic, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

PhD 2011–2014
Institute of infection, immunity and inflammation, University of Glasgow, Glasgow, United Kingdom

MRes 2010–2011
Institute of infection, immunity and inflammation, University of Glasgow, Glasgow, United Kingdom

BSc. 2005–2009
Medical Laboratory Technology, University of Cape Coast, School of Allied Health Sciences, Cape Coast, Ghana

Higher National Diploma (HND) 2000–2002
Dispensary technology, Kumasi Polytechnic, Kumasi, Ghana

PUBLICATIONS

Journal articles 66

1. Ellen Afetorgbor Kafui, Joseph Biluo Ngendal, Konpuoda David, Gabriel Owusu, Joel Karikari Nyarkoh, Safianu Apalebilah, Henrietta Eshun, Ama Frimpomaa Oware, Emmanuel Jingbeja, David Mawutor Donkor, **Patrick Adu**, Joseph Boachie (2026). Knowledge and Practice Gaps in Anaemia Prevention and Management Among Patients and Health Providers in Northern Ghana: A Comparative Cross-Sectional Study. *Health Science Reports*. https://doi.org/10.1002/hsr2.72307
2. Bashirudeen Kofi Mensa Essel, Walter Quarm, Comfort Fynn, Rebecca Peniel Storph, Evans Duah, Edward Morkporkpor Adela, Emmanuel Ofori, Nana Benyin Aidoo, **Patrick Adu** (2026). Silent Risks in the Blood Supply: Co-Inherited Glucose-6-Phosphate Dehydrogenase Deficiency and Sickle Cell Trait Among Donors at the Cape Coast Teaching Hospital, Ghana: A Cross-Sectional Study. *Health Science Reports*. https://doi.org/10.1002/hsr2.72785
3. David Larbi Simpong, Charles Ekow Spike Cartey, Olivia Mawunyo Timpo, Joseph Boachie, **Patrick Adu** (2025). Anemia status is associated with insufficient iodine levels in pregnant women in rural settings: a two-centre observational study. *Discover Medicine*. https://doi.org/10.1007/s44337-025-00334-5
4. Israel A. Sarfo, Benedicta Boakye, Henrietta Eshun, Emmanuel Jingbeja, Abigail Asmah-Brown, **Patrick Adu**, Joseph Boachie (2025). Assessment of the Knowledge of Chronic Kidney Disease and Anemia Among University Students in Ghana: A Cross-Sectional Study. *The Scientific World JOURNAL*. https://doi.org/10.1155/tswj/9993948
5. Safianu Apalebilah, Ama Frimpomaa Oware, Sarkodie Freeman, Joel Karikari Nyarkoh, Emmanuel Jingbeja, **Patrick Adu**, Joseph Boachie (2025). Association between gender inequality and anaemia prevention knowledge: a cross-sectional study in a Peri-urban community in Ghana. *BMC Public Health*. https://doi.org/10.1186/s12889-025-25087-9
6. Emmanuel S. Adabor, **Patrick Adu**, Daniel Adomako Asamoah (2025). BamClassifier: a machine learning method for assessing iron deficiency. *Scientific Reports*. https://doi.org/10.1038/s41598-025-92892-y
7. Prosad Kumar Das, Meghali Aich, **Patrick Adu**, Vishal Bharti, Souvik Maiti, Debojyoti Chakraborty (2025). CRISPR-cas diagnostics (CRISPR-Dx) of viral pathogens in low and limited resource areas: Current state and future directions. *TrAC Trends in Analytical Chemistry*. https://doi.org/10.1016/j.trac.2025.118590
8. Joseph Boachie, Derrick Ahiable, Leticia Awonbiistemi Ajabuin, Richard Amissah, Abigail Asmah-Brown, Safianu Apalebilah, Ama Gyasiwaah Owusu-Poku, Henrietta Eshun, **Patrick Adu**, Joel Karikari Nyarkoh (2025). Diagnostic value of full blood count derived systemic inflammatory biomarkers in malaria infection. *Practical Laboratory Medicine*. https://doi.org/10.1016/j.plabm.2025.e00494
9. Redeemer Nana Fabea Addae, Patience Sobre, Inusah Abdul Mumin, Addo Samuel Siaw, Nichodemus Parker Quansah, Abigail Asmah-Brown, Prosper Junior Awittor, Joseph Boachie, **Patrick Adu** (2025). Exploring Adverse Blood Donation Reactions Among Whole Blood Donors at a Tertiary Hospital Setting: A One-Center Observational Mixed-Methods Study. *Advances in Hematology*. https://doi.org/10.1155/ah/3668746
10. Gabriel Pezahso Kotam, Diana Baaba Morrison, Joel Nyarko Karikari, Akorli Obed Mawunyo, Jessica Kotam, George Nkrumah Osei, **Patrick Adu** (2025). Impact of sickle cell anaemia on reproductive health: a narrative review. *Reproductive Health*. https://doi.org/10.1186/s12978-025-02169-w
11. David Mawutor Donkor, Gideon Owusu, Victoria Essuon-Sepah, Obed Asamoah, Isabella Anokye, Alfred Kwadwo Sah, Safianu Apalebilah, **Patrick Adu**, Joseph Boachie (2025). Knowledge, Attitudes, Practices, and Misconceptions Regarding Vitamins in Blood Metabolism and Anemia Among University Students: A One Center Cross-Sectional Study in Ghana. *Health Science Reports*. https://doi.org/10.1002/hsr2.71706
12. Daniel Baah, Joseph Kofi Amponsah, Ama Gyasiwaah Owusu-Poku, Joseph Boachie, **Patrick Adu** (2025). Lack of standardization of blood donor recruitment processes: A two-center mixed-methods audit study in Ghana. *SAGE Open Medicine*. https://doi.org/10.1177/20503121251380641
13. Amanquador Acquah-Keelson, Abigail Agyenda, Joyce Agyeiwaa, Desmond Appau, Diana Baaba Morrison, Olivia Mawunyo Timpo, Joseph Boachie, **Patrick Adu** (2025). Mixed-methods exploration of

knowledge about causes and prevention of anaemia in reproductive-aged women; a two-centre study. *BMC Women s Health*. https://doi.org/10.1186/s12905-025-04041-2

14. Ansumana Bockarie, Richael Odarkor Mills, Kofi Ulzen-Appiah, Albert Akpalu, Cecelia Smith-Togobo, Bernice Akua Frimpong, Ishmael Obeng-Ofosu, George Nkrumah Osei, Josephine Anterkyi Bentil, **Patrick Adu**, David Larbi Simpong (2025). Pattern of central nervous system related diseases and deaths: a 10-year study in a Ghanaian tertiary care facility. *Brain Disorders*. https://doi.org/10.1016/j.dscb.2025.100300
15. Godfred Kiteinkwa Laar, Justine Mwinbeku, Ebenezer Allotey Pappoe, Emmanuella Obike, Elizabeth Ankomah, Belinda Baidoo, Diana Baaba Morrison, Joseph Boachie, **Patrick Adu** (2024). Beliefs negatively mediate adolescents' and adults' knowledge about sickle cell disease prevention and relationship choices; a one-center exploratory study in Central Region, Ghana. *Archives of Public Health*. https://doi.org/10.1186/s13690-024-01379-1
16. Belinda Baidoo, Elizabeth Ankomah, Mohammed Alhassan, Godfred Benya, Emmanuella Obike, Audrey Benfo, Joseph Boachie, **Patrick Adu** (2024). Mixed-methods exploration of the knowledge of young adults about blood donation processes; a one-center cross-sectional study in a tertiary institution. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0295600
17. Joseph Boachie, Doreen Pidah, Henrietta Eshun, Emmanuel Jingbeja, Praise Fosu Adjei, **Patrick Adu** (2024). Prevalence of Hepatitis B Viral Infection in Pregnant Women at the Suhum Municipality, Ghana. *Journal of Pregnancy*. https://doi.org/10.1155/2024/9438762
18. Selina Mintaah, Enoch Odame Anto, Wina Ivy Ofori Boadu, Benedict Sackey, Lilian Antwi Boateng, Ezekiel Ansah, Emmanuel Ekow Korsah, Joseph Frimpong, Valentine Christian Kodzo Tsatsu Tamakloe, Peter Kuugemah Selleh, … **Patrick Adu** and 11 others (2023). Coagulation Factors and Natural Anticoagulants as Surrogate Markers of Preeclampsia and Its Subtypes: A Case–Control Study in a Ghanaian Population. *Clinical and Applied Thrombosis/Hemostasis*. https://doi.org/10.1177/10760296231204604
19. Bright Kekeli Gbadago, Juliet Antiaye, Joseph Boachie, **Patrick Adu** (2023). Drinking recommended daily water significantly alters haemato-biochemical parameters in prospective blood donors; a one-center quasi-experimental study in a tropical setting. *Blood Cells Molecules and Diseases*. https://doi.org/10.1016/j.bcmd.2023.102757
20. Nicodemus Larbi Simpong, Charity Tenu Afefa, Leander Yimpuri, Betty Akum, Afia Safo, Simon-Junior Edziah, David Larbi Simpong, **Patrick Adu** (2023). Establishing pregnancy-specific haematological reference intervals in Ghana; a three-center cross-sectional study. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0274422
21. Abigail Nana Ama Twekuwa Hayford, Francis Zumesew, Ebenezer Bugyei Akoto, Edward Ahiakwah, Belinda Baidoo, Nana Ama Frimpomaa Agyapong, Joseph Boachie, **Patrick Adu** (2023). Exploring the perspective of young adults about anaemia prevention; the contributions of knowledge about at-risk groups and consequences of anaemia. *BMC Public Health*. https://doi.org/10.1186/s12889-023-16980-2
22. Samuel Amoah, Andrew Nicholas Yartey, Praise Fosu Adjei, Margaret Owusu-Akyaw, Joseph Boachie, David Larbi Simpong, **Patrick Adu** (2023). HBV Infection Is an Intermediate-Risk Disease, Whereas Anaemia Is a Mild-to-Moderate Public Health Problem in Young Ghanaian Adults: A Four-Year Retrospective Analysis of Students' Medical Records. *BioMed Research International*. https://doi.org/10.1155/2023/9318984
23. Ibrahim B. Halidu, Amos X. Gafa, Samuel D. K. Blanney, Benjamin T. Barimah, David Akan-Enge, Joseph Boachie, Kate A. Kontor, **Patrick Adu** (2023). Lack of consensus in inter-laboratory haematology results in selected laboratories in the southern and northern zones of Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v57i3.8
24. Peter K. Selleh, Enoch O. Anto, Wina I. O. Boadu, Benedict Sackey, Lilian A. Boateng, Charles Nkansah, Frederick Nsafoah, Abdul R. Saasi, Selina Mintaah, Yaw A. Wiafe, Charles Derigubah, Emmanuel E. Korsah, Joseph Frimpong, Ezekiel Ansah, Valentine C. K. T. Tamakloe, **Patrick Adu**, Joseph Boachie, Otchere Addai-Mensah (2023). Quality of glycemic control in type 2 diabetes mellitus (T2DM) and its association with markers of coagulation and inhibitors of fibrinolysis: A case–control study in the Upper West Region, Ghana. *Health Science Reports*. https://doi.org/10.1002/hsr2.1297

25. Regina Elorm Amoaning, Ernestina Siaw Amoako, Grace Arezie Kyiire, Dennis Dela Owusu, Happy Bruce, David Larbi Simpong, **Patrick Adu** (2022). Anaemia Prevalence More Than Doubles in an Academic Year in a Cohort of Tertiary Students: A Repeated-Measure Study in Cape Coast, Ghana. *Advances in Hematology*. https://doi.org/10.1155/2022/4005208

26. Felix Osei-Boakye, Yaw Amo Wiafe, Charles Nkansah, Dorcas Serwaa, Abdul-Razak Saasi, Abdul Ganiwu, Ruth Duku-Takyi, **Patrick Adu**, Charles A. Derigubah, Samuel K. Appiah, Kofi Mensah, Linda N. Antwi, Richard Vikpebah Duneeh, Otchere Addai-Mensah (2022). Haematological Profile in Pre-Surgery Hernia Patients: A Case-Control Study in Ghana. *SciMedicine Journal*. https://doi.org/10.28991/scimedj-2022-0401-1

27. **P. Adu**, M. Binka, B. Mahmood, D. Jeong, T. Buller-Tylor, M. Jean Damascene, S. Iyaniwura, N. Ringa, H. Velasquez, S. Wong, A. Yu, S. Bartlett, J. Wilton, M. Irvine, M. Otterstatter, N. Janjua (2022). Quantifying Contact Patterns: Development and Characteristics of the British Columbia COVID-19 Population Mixing Patterns Survey. *International Journal of Infectious Diseases*. https://doi.org/10.1016/j.ijid.2021.12.073

28. **Patrick Adu** (2021). A cross-case analyses of laboratory professionals-patients interaction for patients accessing laboratory services at University of Cape Coast hospital and Ewim Polyclinic in the Cape Coast Metropolis, Ghana. *BMC Health Services Research*. https://doi.org/10.1186/s12913-021-06560-8

29. Cecilia Krampah, Franklin Nyanzu, Abraham Quaye, **Patrick Adu**, Emmanuel Akomanin Asiamah, Benjamin Aboagye, David Larbi Simpong (2021). Crude extracts from Allium cepa skin and Sorghum bicolor seed can provide as non-toxic and eco-friendly cytoplasmic stains. *Practical Laboratory Medicine*. https://doi.org/10.1016/j.plabm.2021.e00239

30. 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

31. 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

32. Charles Nkansah, Otchere Addai-Mensah, Kofi Mensah, Michael Owusu, Richard K. D. Ephraim, **Patrick Adu**, Felix Osei-Boakye, Samuel K. Appiah, Dorcas Serwaa, Charles A. Derigubah, Alexander Yaw Debrah (2021). Plasminogen Activator Inhibitor-1 in poorly controlled vs well controlled Type-2 Diabetes Mellitus patients: A case-control study in a district hospital in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0250090

33. Grace Ali-Baya, Emmanuel Zenile, Bridgette Obuor Aikins, Regina Elorm Amoaning, David Larbi Simpong, **Patrick Adu** (2021). Poor haemoglobin-haematocrit agreement in apparently healthy adult population; a cross-sectional study in Cape Coast Metropolis, Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2021.e07720

34. **Patrick Adu**, Gilbert Appiah Kubi, Amos Kumi, Raphael E. K. Gbedoho, Festus Ansah Kwakye, Emmanuel Sarpong, Constantine Drai, Samuel Dompreh, Fredrick Afful Sersah, Eric Ofori Gyamerah (2020). Blood Donors' Age, Haemoglobin Type, G6PD Status, and Blood Group Impact Storability of CPDA-1 Banked Whole Blood: A Repeated-Measure Cohort Study in Cape Coast, Ghana. *Advances in Hematology*. https://doi.org/10.1155/2020/4959518

35. **Patrick Adu** (2020). Correction: Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis. *PLoS Medicine*. https://www.academia.edu/download/118930837/PMC7380886.pdf

36. **Patrick Adu**, David Bennin, RichardAto Edzie, AmaGyasiwaah Owusu-Poku, ToniahUmar Hakeem, GloryObadiah Baba, EmmanuelKobina Mesi Edzie (2020). Depleted iron stores in voluntary blood donors: A three-center cross-sectional study in Ghana. *Asian Journal of Transfusion Science*. https://doi.org/10.4103/ajts.ajts_112_18

37. **Patrick Adu**, Alexander Egyir-Yawson, Desmond Omane Acheampong (2020). Elevated IL-12, TNF-, and TNF-/IL-10 Ratios in Stored-Infected Whole Blood: Implications for Safe Haemotransfusion. *Journal of Immunology Research*. https://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&a

uthtype=crawler&jrnl=23148861&AN=146678712&h=KWG1TgzkVLWVbFPLXQcvcjTvymiQUEbxT4OPd%2F4aU05ea9LNjACFOCYGuQ7xSH0g936qX0QUVHx1o5OWsDpg2Q%3D%3D&crl=c

38. Enoch Aninagyei, **Patrick Adu**, Alexander Egyir-Yawson, Desmond Omane Acheampong (2020). Elevated IL-12, TNF- α , and TNF- α /IL-10 Ratios in Stored Plasmodium falciparum -Infected Whole Blood: Implications for Safe Haemotransfusion. *Journal of Immunology Research*. https://doi.org/10.1155/2020/9394585

39. **Patrick Adu**, Simon Banom, Mawunya Komla Amediku, Regina Elorm Amoaning, Augustina Afia Asantewaa Quarshie, David Larbi Simpong (2020). Poor iron store recovery in voluntary blood donors in the northern zone of Ghana; a five-month three-centre cohort study. *Transfusion and Apheresis Science*. https://doi.org/10.1016/j.transci.2020.103040

40. Daniel A. Pfeffer, Benedikt Ley, Rosalind E. Howes, **Patrick Adu**, Mohammad Shafiul Alam, Pooja Bansil, Yap Boum, Marcelo Brito, Pimlak Charoenkwan, Archie Clements and 36 others (2020). Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis. *PLoS Medicine*. https://doi.org/10.1371/journal.pmed.1003084

41. Alexander Egyir-Yawson, **P Adu** (2019). Evaluation of haemato-biochemical parameters and serum levels of 8-iso-prostaglandin F2α oxidative stress biomarker in sickle cell-malaria comorbidity. *J Appl Microb Res*. https://www.academia.edu/download/121141167/JAMBR-120.pdf

42. **Patrick Adu**, Eric Kumah Forkuo, Abubakari Issah, Isaac Owusu Asumadu, Emmanuel Cadman-Sackey, Augustina A. A. Quarshie, Sampson Gyabaa, Richard K. D. Ephraim (2019). High Incidence of Moderately Reduced Renal Function and Lead Bioaccumulation in Agricultural Workers in Assin South District, Ghana: A Community-Based Case-Control Study. *International Journal of Nephrology*. https://doi.org/10.1155/2019/5368427

43. Emmanuel Kobina Mesi Edzie, Klenam Dzefi-Tettey, Obed Cudjoe, Philip Narteh Gorleku, **Patrick Adu** (2019). Incidental Finding of Dextrocardia with Situs Inversus in a 59-Year-Old Man. *Case Reports in Radiology*. https://doi.org/10.1155/2019/7107293

44. **Patrick Adu**, Waldemer Attivor, Sampson Takyi Nartey, Richard K.D. Ephraim, Yaw A. Awuku (2019). Low iron stores in preconception nulliparous women; a two-center cross-sectional study in peri-urban Ghana. *Nutrition*. https://doi.org/10.1016/j.nut.2019.110604

45. S Kyei, **P Adu** (2019). Safety Concerns of Glaucoma Chemotherapy among G6PD Deficient Glaucoma Patients: A Pilot Study. *J. Hematol. Blood Disord*. https://ir.ucc.edu.gh/server/api/core/bitstreams/a5210acb-e6ad-4eba-82cc-89ba8a6e4b2c/content

46. **Patrick Adu**, Richard KD Ephraim, LA Fondjo (2019). The Effect of Chemotherapy on Clinical, Haematological and Biochemical Profile in Breast Cancer Patients Undergoing Chemotherapy at Cape Coast Teaching Hospital; A Longitudinal .... *Journal of Cancer and Tumor International*. https://hal.science/hal-05339981/

47. Richard Kobina Dadzie Ephraim, James Elikem Ahadzie, **Patrick Adu**, Joseph Boachie, Hope Agbodzakey, Prince Adoba, Obed Cudjoe (2018). Abnormal coagulation profile in people living with HIV-AIDS on combined Antiretroviral Therapy: findings from a case-control study in the Ho municipality, Ghana. *Pan African Medical Journal*. https://doi.org/10.11604/pamj.2018.29.121.7811

48. Richard K. D. Ephraim, Emmanuel Acheampong, Swithin M. Swaray, Enoch Odame Anto, Hope Agbodzakey, Prince Adoba, Bright Oppong Afranie, Emmanuella Nsenbah Batu, **Patrick Adu**, Linda Ahenkorah Fondjo, Samuel Asamoah Sakyi, Beatrice Amoah (2018). Developing a Modified Low-Density Lipoprotein (M-LDL-C) Friedewald's Equation as a Substitute for Direct LDL-C Measure in a Ghanaian Population: A Comparative Study. *Journal of Lipids*. https://doi.org/10.1155/2018/7078409

49. **Patrick Adu** (2018). Differential Correlation between Foetal Haemoglobin and Full Blood Count Based on Inherited Haemoglobin Type; A Cross-Sectional Study in Cape Coast, Ghana. *Haematology International Journal*. https://doi.org/10.23880/hij-16000119

50. David Larbi Simpong, Richard Harry Asmah, Cecilia Krampah, Patrick Kafui Akakpo, **Patrick Adu**, Du-Bois Asante, Simon Naporo, Andrew Anthony Adjei, Richard Kwasi Gyasi (2018). HER-2 Protein Overexpression in Patients with Gastric and Oesophageal Adenocarcinoma at a Tertiary Care Facility in Ghana. *The Scientific World JOURNAL*. https://doi.org/10.1155/2018/1564150

51. David Larbi Simpong, Yaw Asante Awuku, Kenneth Kwame Kye-Amoah, Martin Tangnaa Morna, Prince Adoba, Stephen Kofi Anin, **Patrick Adu** (2018). High Iodine Deficiency among Pregnant Women in Periurban Ghana: A Hospital-Based Longitudinal Study. *Journal of Nutrition and Metabolism*. https://doi.org/10.1155/2018/9706805

52. Prince Adoba, Richard K. D. Ephraim, Kate Adomakowaah Kontor, Joseph-Josiah Bentsil, **Patrick Adu**, Maxwell Anderson, Samuel Asamoah Sakyi, Paul Nsiah (2018). Knowledge Level and Determinants of Neonatal Jaundice: A Cross-Sectional Study in the Effutu Municipality of Ghana. *International Journal of Pediatrics*. https://doi.org/10.1155/2018/3901505

53. Isaac Dadzie, Shemau Muniru, **Patatrick Adu**, Obed Cudjoe (2018). Nucleic Acid Amplification Testing Detects HIV Transmission Risk in Serologically-Tested Blood Donor Units. *JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH*. https://doi.org/10.7860/jcdr/2018/36141.12056

54. Benjamin Kwame Senya, Nketiah Bernard Anim, Bright Segu Kobena Domson, **Patrick Adu** (2018). Prevalence of Asymptomatic Mycobacterium tuberculosis Infection in Charcoal Producers: A Cross-Sectional Study in Kaase, Ghana. *Journal of Pathogens*. https://doi.org/10.1155/2018/9094803

55. **Patrick Adu**, Richard Pobee, Aaron Awuah, Paul B. Asiamah, Festus Amoani, Sampson Gyabaa (2018). Reduced Haematopoietic Output in Automobile Mechanics and Sprayers with Chronic Exposure to Petrochemicals: A Case-Control Study in Cape Coast, Ghana. *Journal of Environmental and Public Health*. https://doi.org/10.1155/2018/9563989

56. Enoch Aninagyei, Emmanuel Tetteh Doku, **Patrick Adu**, Alexander Egyir-Yawson, Desmond Omane Acheampong (2018). Storage related haematological and biochemical changes in Plasmodium falciparum infected and sickle cell trait donor blood. *BMC Hematology*. https://doi.org/10.1186/s12878-018-0128-x

57. **P Adu**, DL Simpong (2017). Addressing the challenge of iodine deficiency in developing countries. *MOJ Public Health*. https://www.researchgate.net/profile/Patrick-Adu/publication/314300331_Addressing_the_Challenge_of_Iodine_Deficiency_in_Developing_Countries/links/58c02a24aca272a178e6f4a8/Addressing-the-Challenge-of-Iodine-Deficiency-in-Developing-Countries.pdf

58. Richard K. D. Ephraim, Yaw A. Awuku, **Patrick Adu**, Lord T. W. Ampomah, Prince Adoba, Solomon Panford, Jerry P. K. Ninnoni, Hope Agbodzakey (2017). High risk of coagulopathy among Type-2 Diabetes Mellitus clients at a municipal hospital in Ghana. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v51i3.2

59. **Patrick Adu**, Nicodemus Simpong, Kate Kontor, Richard K.D. Ephraim (2017). Misleading presentation of haemoglobin electrophoresis data. *Ghana Medical Journal*. https://doi.org/10.4314/gmj.v51i1.7

60. **Patrick Adu**, Isaac Dogfobaare, Prosper Kuuzie, Kwame Darkwah, Benjamin Twum, Richard Ephraim (2017). No Association between Helicobacter Pylori Infection and Type 2 Diabetes Mellitus; A Case-control Study in the North-Western Part of Ghana. *Asian Journal of Medicine and Health*. https://doi.org/10.9734/ajmah/2017/31952

61. Yaw Asante Awuku, David Larbi Simpong, Ishmael Kunateh Alhassan, Derek Anamaale Tuoyire, Taiba Afaa, **Patrick Adu** (2017). Prevalence of helicobacter pylori infection among children living in a rural setting in Sub-Saharan Africa. *BMC Public Health*. https://doi.org/10.1186/s12889-017-4274-z

62. **Patrick Adu**, Essel K. M. Bashirudeen, Florence Haruna, Edward Morkporkpor Adela, Richard K. D. Ephraim (2017). Significantly elevated foetal haemoglobin levels in individuals with glucose 6-phosphate dehydrogenase disease and/or sickle cell trait: a cross-sectional study in Cape Coast, Ghana. *BMC Hematology*. https://doi.org/10.1186/s12878-017-0088-6

63. David L. Simpong, **Patrick Adu**, Rashid Bashiru, Martin T. Morna, Francis A. Yeboah, Kafui Akakpo, Richard K. D. Ephraim (2016). Assessment of iodine status among pregnant women in a rural community in ghana - a cross sectional study. *Archives of Public Health*. https://doi.org/10.1186/s13690-016-0119-y

64. **Patrick Adu**, David Larbi Simpong, Godfred Takyi, Richard K. D. Ephraim (2016). Glucose-6-Phosphate Dehydrogenase Deficiency and Sickle Cell Trait among Prospective Blood Donors: A Cross-Sectional Study in Berekum, Ghana. *Advances in Hematology*. https://doi.org/10.1155/2016/7302912

65. Richard K. D. Ephraim, **Patrick Adu**, Edem Ake, Hope Agbodzakey, Prince Adoba, Obed Cudjoe, Clement Agoni (2016). Normal Non-HDL Cholesterol, Low Total Cholesterol, and HDL Cholesterol Levels in Sickle

Cell Disease Patients in the Steady State: A Case-Control Study of Tema Metropolis. *Journal of Lipids*. https://doi.org/10.1155/2016/7650530

66. RichardK.D. Ephraim, Worlanyo Tashie, Hope Agbodzakey, SamuelAsamoah Sakyi, Samuel Essien-Baidoo, Prince Adoba, **Patrick Adu**, Joyce Ampong (2015). Dipstick urinalysis findings in children with Plasmodium falciparum in the South Tongu District: A case-control study. *Nigerian Medical Journal*. https://doi.org/10.4103/0300-1652.169748

Conference papers 1

1. R Storph, **P Adu** (2025). Silent Risks in the Blood Supply: Prevalence of Co-Inherited G6PD Deficiency and Sickle Cell Trait Among Donors in a Ghanaian Tertiary Hospital. *TRANSFUSION*. https://scholar.google.com/scholar?cluster=21207443900401581 67&hl=en&oi=scholarr

Theses 1

1. **Patrick Adu** (2014). Role of chemokine receptors in inflammation-induced haematopoietic progenitor cell mobilisation. *University of Glasgow*. https://theses.gla.ac.uk/5866/