

CURRICULUM VITAE OF PROF DR. DR.(MED) OTCHERE ADDAI-MENSAH
BSc MBChB (Kumasi) MSc (London) PhD (Aachen) MPH (GIMPA)

Personal Information

Surname: Addai-Mensah

Other Names: Otchere

Date of Birth: 6th March 1975

Place of Birth: Kumasi

Gender: Male

Nationality: Ghanaian

Religion: Christianity

Marital Status: Married

Contact Address: Department of Medical Diagnostics, FAHS
Kwame Nkrumah University of Science and Technology
Kumasi. Office; RM 113 School of Nursing Building

Email Address: drmedmozart@yahoo.com, oaddai-mensah.chs@knust.edu.gh

Mobile Phone: +233 240779977

Orcid ID: 0000-0001-9225-5876

PubMed (NLM): <https://pubmed.ncbi.nlm.nih.gov/?term=Addai-Mensah%20O&sort=date>

Google Scholar https://scholar.google.com/citations?user=P_Tq4gIAAAAJ&hl=en&oi=sra

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=36467917500>

ResearchGate: https://www.researchgate.net/profile/Otchere-Addai-Mensah?ev=hdr_xprf&sg=BbXzNixMGBj5pcv9jWyZ2Y46c4BKsOLkiixz6o5qXb8ojBUZ91YmlaB7U_aFboEWhJI1ua0Y6WG0Ync619uMmk7D

Staff Profile

Prof. Dr(rer.nat). Dr.(med) Otchere Addai-Mensah is a Full Professor of Haematology and Immunology, and Global Health in the Department of Medical Diagnostics at the Faculty of Allied Health Sciences, College of Health Sciences.

He is a trained medical doctor, and holds a BSc. in Human Biology and an MBChB from the School of Medical Sciences of the Kwame Nkrumah University of Science and Technology (KNUST). He also holds an MSc. in Biomedical Sciences from the University of Westminster in London-UK, and a PhD. (Dr.rer.nat) in Immunology and Biotechnology from the prestigious RWTH University in Aachen, Germany. He additionally has an MPH from the Ghana Institute of Management and Public Administration. He has undertaken courses in Pharmacovigilance and Pharmaco-epidemiology from the University of Bordeaux in France, and completed the taught component of an MBA program in Strategic Management.

He is the immediate past Chief Executive Officer of the Komfo Anokye Teaching Hospital, the second largest teaching hospital in Ghana with a staff strength of 6500, and attending to an average of 1300 patients daily.

He previously worked as a Visiting Researcher in the Pharmaceutical Product Development Department at the Fraunhofer Institute for Molecular Biology and Applied Ecology in Aachen, Germany.

His PhD work at Fraunhofer where he was a key member of the Malaria team, under Prof. Dr. Dr. (med) Stefan Barth in the Pharmaceutical Product Development Department, focused essentially on producing anti-malarial antibodies in *Nicotiana benthamiana* plants, concentrating on the AMA 1 antigen of *Plasmodium falciparum*.

At the university of Westminster, where he had his MSc. in Biomedical Sciences, the concentration was in molecular biology and Haematology. His MSc. work was geared at identifying genetic polymorphisms in Tumour Necrosis Factor Alpha and their relationship to obesity in Caucasians and Africans.

He has been a lecturer in Haematology and Immunology for the past seventeen (17) years, teaching both undergraduates and postgraduates; he is the main anchor of both the MPhil and PhD programs in Haematology offered by the University.

He was a Resident in the Departments of Internal Medicine and Pathology at the Komfo Anokye Teaching Hospital in Kumasi, before joining the Kwame Nkrumah University of Science and Technology in February 2008.

He has held various academic positions including Head of Department, Dean of Faculty, Vice Dean of Students, and Deputy Director of Student Affairs in charge of Conduct and Discipline.

He played a crucial role in the upgrading of the Dean of Students' office to a Director position equivalent to a Provost.

He is a past National Vice President of the University Teachers Association of Ghana (UTAG), National Spokesperson of the Junior Doctors Association-Ghana, Secretary to the Ghana Medical Association (Ashanti Division), member of the National Executive Council of the Ghana Medical Association, and member of the Ashanti Region Prisons Council.

He has served as a member of the Governing Council of the Kwame Nkrumah University of Science and Technology (KNUST), as well as the Governing boards of both the Nursing and Midwifery Council (NMC) of Ghana and the Komfo Anokye Teaching Hospital.

He is presently a member of both the British Society of Immunology and the Ghana Medical Association (GMA).

Prof Dr. Dr.(med) Addai-Mensah has extensive experience in scientific research and management (has close to two decades of senior management and board level experience) evidenced from the various management positions he has held. He has over seventy publications in reputable peer-reviewed journals to his credit. His research interests are in Haematology, Malariology, Biomedical Sciences, Infectious Diseases, Immuno-epidemiology, Immunology, and Global Health.

He is married to Evelyn, with whom he has three adorable kids Naana, Nabee and Nana Akomah.

Academic Degrees Earned with Dates

1. **MPH** - Ghana Institute of Management and Public Administration 2025-2026
2. **PhD Biology (Immunology and Biotechnology)**-RWTH Aachen University, Germany 2014
3. **MSc. Biomedical Sciences** (Haematology)- University of Westminster, United Kingdom 2005
4. **MBCbB** (Medicine and Surgery) – Kwame Nkrumah University of Science and Technology, Ghana 2002
5. **BSc Human Biology** Kwame Nkrumah University of Science and Technology, Ghana 1999
6. **GCE A'Level** (Physics, Chemistry, Biology) - Prempeh College, Kumasi 1994
7. **GCE O'Level** (Science) - T. I. Ahmadiyya Secondary School 1992

Employment History

1. **House Officer**, Komfo Anokye Teaching Hospital 2002-2003
2. **Resident**, Department of Medicine and Pathology- Komfo Anokye Teaching Hospital, 2003-2008
3. **Lecturer**, Department of Medical Laboratory Technology- College of Health Sciences, KNUST, 2008-Date
4. **Research Scientist**, Fraunhofer Institute for Molecular Biology and Applied Ecology, Aachen-Germany, 2010-2013

University Teaching Appointments (Ranks)

1. **Professor**, Department of Medical Diagnostics 1st August 2026 - Date
2. **Associate Professor**, Department of Medical Diagnostics 1st August 2020 – July 2026
3. **Senior Lecturer** Department of Medical Diagnostics 1st August 2016
4. **Lecturer** Department of Medical Laboratory Technology 14th February 2008

Professional Affiliations and memberships

1. Fellow, Chartered Institute of Leadership and Governance, Ghana Chapter 2023
2. British Society for Immunology 2011
3. American Society for Microbiology 2014
4. European Society for Clinical Microbiology and Infectious Diseases. 2014
5. The Antibody Society 2012
6. European Biotechnology Network 2017
7. International Society for Infectious Diseases 2018
8. University Teachers Association of Ghana 2008
9. Ghana Medical Association 2002

Awards, Honours, Fellowships and Scholarships

1. Best Student Internal Medicine, 2002 – School of Medical Sciences, KNUST
2. Best Student Neurology, 2002 - School of Medical Sciences KNUST
3. Best Student, Junior and Senior Clerkships in Medicine, 2002- School of Medical Sciences, KNUST
4. German Government Funding for a PhD at the University of Aachen-2010-2014

Leadership of National Associations

1. **National Vice President**, University Teachers Association of Ghana (UTAG) 2019-2021
2. **Vice President**, University Teachers Association of Ghana, KNUST Branch 2019-2021
3. **President**, University Teachers Association of Ghana, KNUST Branch 2020-2022
4. **Secretary**, Ghana Medical Association, Ashanti Division 2006
5. **National Spokesperson**, Junior Doctors Association, Ghana 2004

University Administrative Positions Held

1. **Deputy Director Conduct and Discipline (Dean equivalent)**, Directorate of Student Affairs (2022-2023)
2. **Dean**, Faculty of Allied Health Sciences KNUST August 2017- July 2018
3. **Vice Dean of Students**, KNUST 2019 – 2022
4. **Head**, Department of Medical Diagnostics August 2019-July 2020
5. **Head**, Department of Medical Laboratory Technology August 2018-July 2019
6. **Head**, Department of Medical Laboratory Technology August 2016-July 2017
7. **Head**, Department of Medical Laboratory Technology August 2015-July 2011
8. **Chief Invigilator (Deputy Faculty Exams Officer)**, Faculty of Allied Health Sciences 2009

Chairmanship of University Committees

1. **Chairman**, University Council's Committee to Evaluate the Registrar's Application for Reappointment, KNUST (September 2021)
2. **Chairman**, University Council's Committee to Evaluate the Director of Works' Application for Reappointment (June 2022)
3. **Chairman**, Students' Guide Review Committee 2022
4. **Chairman**, Scouting and Monitoring Committee, Local Organising Committee, 2022 GUSA Games (July 2021)
5. **Chairman**, Peer Review Committee, Department of Supply Chain and Information Systems, School of Business, June 2022
6. **Chairman**, Faculty Peer Review Assessment, FAHS-College of Health Sciences March 2022
7. **Chairman**, Selection of Candidates for Admission to the PhD Haematology Programme for 2021/2022 Academic Year January 2022
8. **Chairman**, Dean of Students Ad-Hoc Committee March 2022

9. **Chairman**, Parallel session, College of Health Sciences 9th Biennial Scientific Session 2021
10. **Chairman**, FAHS Space Allocation Committee 2021
11. **Chairman**, Curriculum Review Committee for Diploma Programs March 2018
12. **Chairman** Committee to investigate the Alleged removal of Hijab of a student by a lecturer September 2019

Membership of University Committees

1. **Member**, Academic Board 2020-222
2. **Member**, Search Committee for Director, Institute of Distance Learning 2021
3. **Member**, Search Committee for Provost College of Engineering. 2022
4. **Member**, Search Committee for the evaluation of applications by Provosts of Colleges of Science and Art and Built Environment for reappointment 2022
5. **Member**, KNUST Council Charter Review Committee June 2022
6. **Member**, University Outreach Team to Nigeria March 2018
7. **Member**, College of Health Sciences Strategic Plan Committee October 2017
8. **Member** Committee on Feedback from Industries on the Performance of KNUST Graduates Nov 2016
9. **Member**, Dean of Students Board 2019-2022
10. **Member**, Quality Assurance Committee, College of Health Sciences KNUST October 2016
11. **Member**, Committee for Evaluation of Halls of Residence's Environmental ranking reports March 2020
12. **Member**, KNUST Teaching Hospital Implementation Committee April 2023
13. **Member**, College of Health Sciences Committee to review restoration of Departments of Medical Laboratory Technology and Medical Imaging July 2021
14. **Member**, College Board, College of Health Sciences 2021 – 2022
15. **Member**, Faculty Board, Faculty of Allied Health Sciences March 2021 – Date
16. **Member**, College of Health Sciences Mentorship Team July 2021 – Present
17. **Member**, Local Organising Committee, 2022 GUSA Games 2022
18. **Member**, Review Committee for Proposal to Separate the School of Medicine and Dentistry into School of Medical Sciences and Dental School June 2022

National/International Positions, Chairmanship and Membership of Committees

1. **Chief Executive Officer**-Komfo Anokye Teaching Hospital January 2023-April 2025)
2. **Lead**, Asantehene's Heal Komfo Anokye Teaching Hospital Project (HEKAP)

Nov 2023-May 2025

3. **Member**, Governing Council, KNUST (August 2020 –2022)
4. **Member**, Governing Board, Nursing and Midwifery Council 2018 – December 2022
5. **Member**, Governing Board Komfo Anokye Teaching Hospital Dec 2022- April 2025
6. **Member**, Governing Board GUSSS December 2019
7. **Member**, Governing Board, KNUST Bottling Company Ltd April 2021- December 2022
8. **Member**, Development Committee KNUST University Council
9. **Member**, Technical and Planning Committee Komfo Anokye Teaching Hospital Governing Board
10. **Member**, Planning Committee AFRINEAD (African Network for Evidence-to-Action in Disability) International Conference July 2018
11. **Supervisor**, Nursing/Midwifery Training Institutions Examinations May 2018
12. **Moderator**, BSc Medical Laboratory Technology program at Narh-Bita College Tema, August 2018-July 2020
13. **Moderator**, BSc Medical Laboratory Technology program at Medicare College of Applied Sciences, Kumasi August 2018-July 2020
14. **Moderator**, Dip Medical Laboratory Technology program at Medicare College Tema August 2016-July 2018

Visiting Scholar Roles

1. **Visiting Scholar**, Center for Applied Biology Research, University of Energy and Natural Resources Sunyani, Ghana 2025-Date
2. **Visiting Research Scientist**, Fraunhofer Institute for Molecular Biology and Applied Ecology, Aachen Germany 2010-2014

External Assessor/Examiner Roles

1. **External Examiner**, University for Development Studies 2016/2017
2. **External Examiner**, University of Energy and Natural Resources 2019

Reviewer Roles (Journals and Grants)

1. **Reviewer**, 4th KNUST Research Fund (KREF) Applications March 2019
2. **Reviewer**, 7th KNUST Research Fund (KREF) Applications March 2022
3. **Reviewer**, South Asian Journal of Parasitology 2025-2026

Some Achievements as CEO of The Komfo Anokye Teaching Hospital

1. Launched the “Heal Komfo Anokye Project (HeKAP)” to modernise facilities at the Hospital; initiated customer-centric reforms; repositioned KATH as a patient-focused tertiary centre. **A total of about four million \$4million United States Dollars was raised for HeKAP**, which saw to the modernization of the wards into a state comparable to any hospital anywhere in the world.
2. Internally Generated Funds grew from **GHC 115.8 m (2023) → GHC 222.6 m (2024)**; improved financial discipline and revenue collection.
3. Expanded the Dialysis Unit of the Hospital **from 2 dialysis machines when he took over to 20 at the end of his tenure of 28months (2 → 20 machines)**.
4. Initiated the construction of new Pharmacy Block at a cost of **GHC 43 million solely from Internally Generated Funds**.
5. Digitization of staff health benefits; improved Electronic Medical Records usage; operational restructuring for administrative oversight.
6. Began major renovations and facelifts of wards, the OPD, Psychiatry and Physiotherapy Departments.
7. Improved staff morale and hospital image through welfare reforms.
8. Increased staff medical allowance, created weekend supervision for directors and deputy directors of the Hospital that ensured executive presence on weekends and on holidays; strengthened professional development culture.
9. Abolished public toilet fees; created a chronic-patient medicine delivery system (via Ghana Post); enhanced outpatient services; improved waiting-time management.
10. Won “**Outstanding CEO of the Year (2024)**” at CenBa Business Excellence Awards and improved media and public perception of KATH.

Some Achievements as Vice Dean of Students and Deputy Director Student Affairs

1. Instituted the monthly meetings with Student MPs and student leaders. This meeting was “agendaless” and afforded the student leaders the opportunity to vent out their issues to the university management without restriction. This to a very large extent curbed student uprisings resulting from their misgivings.
2. Played a crucial role in the upgrading the office of the Dean of Students to a Director level equivalent to a Provost and defended same at the level of the University Council.

Some Achievements as Head of Department

1. Pushed and secured a bus for the department for the very first time.
2. Got private sponsorship to the tune of \$18000 to secure microscopes, an Elisa Reader and a spectrophotometer for the department at no cost to the University.
3. Spearheaded and introduced both the MPhil and PhD programs in Haematology which have been running for the past 11 years.

PhD Supervision

1. Dr David Sackey (University of Development Studies) Serum Erythropoietin and C-reactive protein as Surrogate Markers for Malaria Morbidity and Mortality 2017
2. 20876739 Edward Yaw Afriyie; Effects of Chronic organophosphate pesticide exposure among cocoa farmers in Ghana; Focus on red cell abnormalities and oxidative stress biomarkers 2022
3. 20876619 Richard Vikpebah Duneeh; The interplay of haematological and serum cytokine profiles in breast cancer patients at the Cape Coast Teaching Hospital. 2022
4. 20876360 Francis Agyei Amponsah; The interplay between Glucose-6-Phosphate Dehydrogenase activity and MicroRNA levels among Ghanaian children with malarial anaemia 2022
5. 20837162 Veronica Agyemang; Prenatal lead exposure and anaemia; the contribution of delta aminolevulinic acid dehydratase polymorphisms on cord and peripheral blood lead levels in the middle belt of Ghana 2022

MPhil Supervision (All completed)

1. 1705117 Mark Noagbe Genotypic Diversity of The *Pfhrp2* Gene In Plasmodium Falciparum Isolates From Ghana And Its Impact On Haematological Parameters August,
2. 5102018 Mary Koryoe Tetteh Malaria Related Changes In Iron Status And Haematological Parameters Among Children In A Malaria Endemic Population 1st February,
3. 5101718 William Osei-Owusu Antithrombin Iii Protein S, Protein C And D-Dimer As Markers Of Hypercoagulability In Childhood Acute Lymphoblastic Leukaemia February,
4. 5101218 Samira Daud Placental Malaria And Fetal Haemoglobin (Hbf) In The Pathogenesis Of Hypertensive Disorders Of Pregnancy February,

5. 5100918 Gabriel Abbam Variations In Locally Established Haematological And Biochemical Reference Intervals In Different Eco-Geographical Zones Of Ghana February,
6. 5101418 Ganiwu Abdul Effect Of Haemaglobin Variants And Oxidative Stress On Feto-Maternal Outcome In Pre-Eclampsia February,
7. 7279516 Edward Yaw Afriyie Fetal Rhesus D Genotyping From Maternal Plasma Of Rhesus D Negative Antenatal Population At Komfo Anokye Teaching Hospital, Ghana February,
8. 1705417 Lucy Bawine Differential Assessment Between Iron Deficiency And Alpha Thalassemia Among Microcytic Hypochromic Anaemia Individuals In The Upper East Region Of Ghana November,
9. 1704517 Elizabeth Abban Bleeding Episodes And Von Willebrand Disease In Female Students. A Study In Two Selected Tertiary Institutions In Ashanti Region, Ghana February,
10. 1704617 Machenry Adade Ansong The Impact Of Hypertension On The Plasma Levels Of Von Willebrand Factor February,
11. 5101518 Isaac Kporha Oxidative Stress Markers As Predictors Of Disease Severity In Sick Cell Disease Children In Ledzokuku Municipality-Teshie, Accra- February,
12. 1704917 Charles Angnataa Derigubah Plasma Levels Of Plasminogen Activator Inhibitor-1 Among HIV Infected Patients As A Risk For Developing Thrombosis February,
13. 8499419 Selina Mintaah Assessment Of Plasma Levels Of Coagulation Parameters And Their Natural Inhibitors As Potential Predictive Markers Of Pre-Eclampsia In Kumasi, Ghana. November,
14. 8499619 Peter Kuugemah Selleh Quality Of Glycaemic Control In Type 2 Diabetes Mellitus And Its Association With Markers Of Coagulation And Inhibitors Of Fibrinolysis In The Upper West Region Of Ghana November,
15. 1705617 Maxwell Akonde Distribution Of ABO And Rhesus Blood Group Antigens Among Couples With Spontaneous Abortion In Ghana November,
16. 1705317 Mary Dufie Oduro Haemostatic Changes On The Use Of Hormonal Contraceptives Among Ghanaian Women November,

Some Recent Publications

2025

1. Amponsah Francis Agyei, **Addai-Mensah Otchere**, Antwi Boateng Lilian, Sackey Benedict, Duneeh Richard Vikpebah, Acheampong, Isaac, Adoba, Prince, Awi, Diana Venunye Ama, Afriyie, Edward Yaw Boateng, Richard Anokye, Abrafi Ayerakwa, Agyemang Veronica, Doe, Samuel Kofi, Appiah, Samuel Kwasi, Serum Anti-Erythropoietin Autoantibodies and Their Association With Younger Age in Paediatric Malaria Cases, *BioMed Research International*, 2025, 8845434, 8 pages, 2025. <https://doi.org/10.1155/bmri/8845434>

2024

2. Richard Vikpebah Duneeh, Wina Ivy Ofori Boadu, Lois Tekutey Narh, Joseph Frimpong, Abdul-Wahab Mawuko, John Gameli Deku, Kofi Mensah, Charles Nkansah, Samuel Kwasi Appiah, Felix Osei Boakye, Enoch Odame Anto, Lilian Antwi Boateng, Benedict Sackey & **Otchere Addai-Mensah** (2024): Anaemia during pregnancy: a cross-sectional study of antenatal attendants at the Madina Pentecost Hospital, La Nkwantanang Municipality, Ghana, *Cogent Public Health* 11:1, DOI: 10.1080/27707571.2024.2353776

2023

3. Derigubah CA, Nkansah C, Mensah K, Appiah SK, Osei-Boakye F, Odame E, Owusu M, Serwaa D, Hubert MA, Bani SB, Kuugbee E, Issahaku RG, Debrah AY, **Addai-Mensah O**. Plasma levels of fibrinolytic and coagulation biomarkers in HIV-infected individuals on highly active antiretroviral therapy: A case-control study in a Northern Ghanaian population. *Health Sci Rep*. 2023 Jul 21;6(7):e1436. doi: 10.1002/hsr2.1436. PMID: 37484058; PMCID: PMC10360046.
4. Mintaah S, Anto EO, Boadu WIO, Sackey B, Boateng LA, Ansah E, Korsah EE, Frimpong J, Tamakloe VCKT, Selleh PK, Afrifa DA, Saasi AR, Senu E, Duah LA, Opoku S, Amoah JP, Adu P, Boachie J, Nyamekye DA, Sackey DS, Wiafe YA, **Addai-Mensah O**. Coagulation Factors and Natural Anticoagulants as Surrogate Markers of Preeclampsia and Its Subtypes: A Case-Control Study in a Ghanaian Population. *Clin Appl Thromb Hemost*. 2023 Jan-Dec;29:10760296231204604. doi: 10.1177/10760296231204604. PMID: 37787124; PMCID: PMC10548802.
5. Selleh PK, Anto EO, Boadu WIO, Sackey B, Boateng LA, Nkansah C, Nsafoah F, Saasi AR, Mintaah S, Wiafe YA, Derigubah C, Korsah EE, Frimpong J, Ansah E, Tamakloe VCKT, Adu P, Boachie J, **Addai-Mensah O**. 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 Sci Rep*.

2023 Jun 7;6(6):e1297. doi: 10.1002/hsr2.1297. PMID: 37292102; PMCID: PMC10246457.

6. Abdul G, Osei-Wusu W, Asare GA, Daud S, Opoku S, Tamakloe VCKT, Frimpong J, Sackey B, Boadu WIO, Paintsil V, Annani-Akollor ME, Wiafe YA, Anto EO, **Addai-Mensah O**. Biomarkers of oxidative stress and its nexus with haemoglobin variants and adverse foeto-maternal outcome among women with preeclampsia in a Ghanaian population: A multi-centre prospective study. PLoS One. 2023 Mar 30;18(3):e0283638. doi: 10.1371/journal.pone.0283638. PMID: 36996011; PMCID: PMC10062654.
7. Anto EO, Ofori Boadu WI, **Addai-Mensah O**, Wiafe YA, Owiredo WK, Obirikorang C, Annani-Akollor ME, Adua E, Appiah M, Opoku S, Acheampong E, Asamoah EA, Owiredo EW, Odame Anto A, Tawiah A, Ankobea F, Afrifa Yamoah E, Coall DA. Association between micronutrients, oxidative stress biomarkers and angiogenic growth mediators in early and late-onset preeclamptic Ghanaian women. SAGE Open Med. 2023 Jun 6;11:20503121231175759. doi: 10.1177/20503121231175759. PMID: 37324117; PMCID: PMC10262612.
8. Anto EO, Ofori Boadu WI, **Addai-Mensah O**, Wiafe YA, Owiredo WK, Obirikorang C, Annani-Akollor ME, Adua E, Appiah M, Opoku S, Acheampong E, Asamoah EA, Owiredo EW, Odame Anto A, Tawiah A, Ankobea F, Afrifa Yamoah E, Coall DA. Association between micronutrients, oxidative stress biomarkers and angiogenic growth mediators in early and late-onset preeclamptic Ghanaian women. SAGE Open Med. 2023 Jun 6;11:20503121231175759. doi: 10.1177/20503121231175759. PMID: 37324117; PMCID: PMC10262612.

2022

9. A.G. Owusu-Poku, D. Gyamfi, E. Togbe, S. Opoku, R.K.D. Ephraim, J.G. Asibey, B. Sackey, W.I.O. Boadu, M.E. Annani-Akollor, E.O. Anto, **O. Addai-Mensah**. Interplay between foetal haemoglobin, micronutrients and oxidative stress biomarkers in sickle cell anaemia children, Human Nutrition & Metabolism (2022), doi: <https://doi.org/10.1016/j.hnm.2022.200173>.
10. Ahadzie-Sogle A, **Addai-Mensah O**, Abaka-Yawson A, Setroame AM, Kwadzokpui PK. Prevalence and risk factors of malaria and anaemia and the impact of preventive methods among pregnant women: A case study at the Akatsi South District in Ghana. PLoS One. 2022 Jul 25;17(7):e0271211. doi: 10.1371/journal.pone.0271211. PMID: 35877761.
11. Anto EO, Ofori Boadu WI, Opoku S, Senu E, Tamakloe VCKT, Tawiah A, Ankobea F, Acheampong E, Anto AO, Appiah M, Wiafe YA, Annani-Akollor ME, Obirikorang C

- and **Addai-Mensah O (2022)**. Prevalence and Risk Factors of Preterm Birth Among Pregnant Women Admitted at the Labor Ward of the Komfo Anokye Teaching Hospital, Ghana. *Front. Glob. Womens Health* 3:801092. doi: 10.3389/fgwh.2022.801092
12. Anto EO, Coall DA, Asiamah EA, Afriyie OO, **Addai-Mensah O**, Wiafe YA, Owiredun W, Obirikorang C, Annani-Akollor ME, Titiloye NA, Adua E, Acheampong E, Adu EA, Opoku S, Anto AO, Tawiah A, Wang Y, Wang W. Placental lesions and differential expression of pro-and anti-angiogenic growth mediators and oxidative DNA damage marker in placentae of Ghanaian suboptimal and optimal health status pregnant women who later developed preeclampsia. *PLoS One*. 2022 Mar 21;17(3):e0265717. doi: 10.1371/journal.pone.0265717. PMID: 35312727; PMCID: PMC8936490.
 13. Anto EO, Frimpong J, Boadu WIO, Tamakloe VCKT, Hughes C, Acquah B, Acheampong E, Asamoah EA, Opoku S, Appiah M, Tawiah A, Annani-Akollor ME, Wiafe YA, **Addai-Mensah O** and Obirikorang C (2022). Prevalence of Cardiometabolic Syndrome and its Association With Body Shape Index and A Body Roundness Index Among Type 2 Diabetes Mellitus Patients: A Hospital-Based Cross-Sectional Study in a Ghanaian Population. *Front. Clin. Diabetes Healthc.* 2:807201. doi: 10.3389/fcdhc.2021.807201
 14. Felix Osei-Boakye, **Otchere Addai-Mensah**, Michael Owusu, Abdul-Razak Saasi, Samuel Kwasi Appiah, Charles Nkansah, Yaw Amo Wiafe & Alexander Yaw Debrah (2022) Effect of pulmonary tuberculosis on natural anticoagulant activity in therapy-naïve Ghanaian adults; a case-control study, *Journal of Immunoassay and Immunochemistry*, DOI: [10.1080/15321819.2021.2001002](https://doi.org/10.1080/15321819.2021.2001002)
 15. Anto EO, Coall DA, Asiamah EA, Afriyie OO, **Addai-Mensah O**, Wiafe YA, Owiredun W, Obirikorang C, Annani-Akollor ME, Titiloye NA, Adua E, Acheampong E, Adu EA, Opoku S, Anto AO, Tawiah A, Wang Y, Wang W. Placental lesions and differential expression of pro-and anti-angiogenic growth mediators and oxidative DNA damage marker in placentae of Ghanaian suboptimal and optimal health status pregnant women who later developed preeclampsia. *PLoS One*. 2022 Mar 21;17(3):e0265717. doi: 10.1371/journal.pone.0265717. PMID: 35312727; PMCID: PMC8936490.
 16. Anto EO, Frimpong J, Boadu WIO, Tamakloe VCKT, Hughes C, Acquah B, Acheampong E, Asamoah EA, Opoku S, Appiah M, Tawiah A, Annani-Akollor ME, Wiafe YA, **Addai-Mensah O**, Obirikorang C. Prevalence of Cardiometabolic Syndrome and its Association With Body Shape Index and A Body Roundness Index Among Type 2 Diabetes Mellitus Patients: A Hospital-Based Cross-Sectional Study in

- a Ghanaian Population. *Front Clin Diabetes Healthc.* 2022 Feb 9;2:807201. doi: 10.3389/fcdhc.2021.807201. PMID: 36994331; PMCID: PMC10012128.
17. Daud, Samira & Nkansah, Charles & Wiafe, Yaw & Amidu, Nafiu & Togbe, Eliezer & Duku-Takyi, Ruth & Abdul, Ganiwu & Agyemang, Lawrence & Annani-akollor, Max & Owiredue, Eddie-Williams & Adu-Gyamfi, Constance & Gyasi, Charles & Debrah, Alexander & Owiredue, William & Mensah, Kofi & Appiah, Samuel & Abbam, Gabriel & **Addai-Mensah, Otchere.** (2022). Placental Malaria and Hypertensive Disorders of Pregnancy: A Case-Control Study in a Teaching Hospital, Ghana.
 18. Osei-Boakye, Felix & Wiafe, Yaw & Nkansah, Charles & Serwaa, Dorcas & Abdul-Razak, Saasi & Ganiwu, Abdul & Duku-Takyi, Ruth & Adu, Patrick & Derigubah, Charles & Appiah, Samuel & Mensah, Kofi & Antwi, Linda & Duneeh, Richard & **Addai-Mensah, Otchere.** (2022). Haematological Profile in Pre-Surgery Hernia Patients: A Case- Control Study in Ghana. *SciMedicine Journal.* 4. 1-12. 10.28991/SciMedJ-2022-0401-1.

2021

19. Anto, E.O., Coall, D.A., **Addai-Mensah, O. et al.** Early gestational profiling of oxidative stress and angiogenic growth mediators as predictive, preventive and personalised (3P) medical approach to identify suboptimal health pregnant mothers likely to develop preeclampsia. *EPMA Journal* (2021). <https://doi.org/10.1007/s13167-021-00258-x>
20. Osei-Owusu W, Ntiamoah DO, Akuffo GA, Mintaah S, Owusu M, Sackey B, Antwi-Boateng L, Abdul G, Annani-Akollor M, Owiredue EW, Debrah AY, **Addai-Mensah O.** Coagulation abnormalities in childhood acute lymphoblastic leukemia: assessing the impact of L-asparaginase therapy in Ghana. *Thromb J.* 2021 Jun 26;19(1):44. doi: 10.1186/s12959-021-00297-4. PMID: 34174899.
21. Tetteh M, **Addai-Mensah O**, Siedu Z, Kyei-Baafour E, Lamptey H, Williams J, Kupeh E, Egbi G, Kwayie AB, Abbam G, Afrifah DA, Debrah AY, Ofori MF. Acute Phase Responses Vary Between Children of HbAS and HbAA Genotypes During *Plasmodium falciparum* Infection. *J Inflamm Res.* 2021 Apr 14;14:1415-1426. doi: 10.2147/JIR.S301465. PMID: 33889007; PMCID: PMC8055362.
22. Nkansah C, **Addai-Mensah O**, Mensah K, Owusu M, Ephraim RKD, Adu P, Osei-Boakye F, Appiah SK, Serwaa D, Derigubah CA, Debrah AY. 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.* 2021 Apr 15;16(4):e0250090. doi: 10.1371/journal.pone.0250090. PMID: 33857223.

23. Tetteh M, **Addai-Mensah O**, Siedu Z, Kyei-Baafour E, Lamptey H, Williams J, Kupeh E, Egbi G, Kwayie AB, Abbam G, Afrifah DA, Debrah AY, Ofori MF. Acute Phase Responses Vary Between Children of HbAS and HbAA Genotypes During Plasmodium Falciparum Infection. *J Inflamm Res.* 2021;14:1415-1426 <https://doi.org/10.2147/JIR.S301465>
24. Abbam G, Tandoh S, Tetteh M, Afrifah DA, Annani-Akollor ME, Owiredo EW, Gyasi C, Adu-Gyamfi C, Sackey B, Debrah AY, **Addai-Mensah O**. Reference intervals for selected haematological and biochemical parameters among apparently healthy adults in different eco-geographical zones in Ghana. *PLoS One.* 2021 Jan 20;16(1): e0245585. doi: 10.1371/journal.pone.0245585. PMID: 33471853
25. Seidel-Greven M, **Addai-Mensah O**, Spiegel H, Chiegoua Dipah GN, Schmitz S, Breuer G, Frempong M, Reimann A, Klockenbring T, Fischer R, Barth S, Fendel R. Isolation and light chain shuffling of a Plasmodium falciparum AMA1-specific human monoclonal antibody with growth inhibitory activity. *Malar J.* 2021 Jan 11;20(1):37. doi: 10.1186/s12936-020-03548-3. PMID: 33430886; PMCID: PMC7798374.
26. Anto EO, Coall DA, **Addai-Mensah O**, Wiafe YA, Owiredo WKBA, Obirikorang C, Annani-Akollor ME, Adua E, Tawiah A, Acheampong E, Asamoah EA, Wang X, Opoku S, Boakye DK, Hou H, Wang Y, Wang W; Suboptimal Health Study Consortium (SHSC). Early gestational profiling of oxidative stress and angiogenic growth mediators as predictive, preventive and personalised (3P) medical approach to identify suboptimal health pregnant mothers likely to develop preeclampsia. *EPMA J.* 2021 Oct 21;12(4):517-534. doi: 10.1007/s13167-021-00258-x. PMID: 34956424; PMCID: PMC8648887.

2020

27. **Addai-Mensah O**, Afriyie EY, Sakyi SA, Obirikorang C, Annani-Akollor ME, Owiredo EW, Amponsah FA, Duneeh RV, Asamoah Adu E. Fetal Rhesus D Genotyping and Sex Determination from Maternal Plasma of Rhesus D-Negative Antenatal Population: The Usefulness of Conventional Polymerase Chain Reaction in Resource-limited Settings. *Obstet Gynecol Int.* 2020 Oct 16;2020:4913793. doi: 10.1155/2020/4913793. PMID: 33123201; PMCID: PMC7585667.
28. Morhe EKS, Anto EO, Coall DA, Adua E, Debrah AY, **Addai-Mensah O**, Owusu M, Owiredo WK, Obirikorang C, Asiamah EA, Acheampong E, Asamoah EA, Abradu L, Anto AO, Wang Y, Hou H, Wang W. SARS-CoV-2 updates in a West African population and precautionary measures for sustaining quality antenatal care delivery. *J*

- Glob Health. 2020 Dec;10(2):020365. doi: 10.7189/jogh.10.020365. PMID: 33110560; PMCID: PMC7567409.
29. Kyeremeh R, Antwi-Baffour S, Annani-Akollor M, Adjei JK, **Addai-Mensah O**, Frempong M. Comediation of Erythrocyte Haemolysis by Erythrocyte-Derived Microparticles and Complement during Malaria Infection. *Adv Hematol*. 2020 Aug 24;2020:1640480. doi: 10.1155/2020/1640480. PMID: 32908515; PMCID: PMC7463348.
 30. Fondjo LA, **Addai-Mensah O**, Annani-Akollor ME, Quarshie JT, Boateng AA, Assafuah SE, Owiredo EW. A multicenter study of the prevalence and risk factors of malaria and anemia among pregnant women at first antenatal care visit in Ghana. *PLoS One*. 2020 Aug 21;15(8):e0238077. doi: 10.1371/journal.pone.0238077. PMID: 32822409; PMCID: PMC7444479.
 31. Annani-Akollor ME, Laing EF, **Addai-Mensah O**, Fondjo LA, Adu EA, Owiredo EW. Population-derived cut-off for HbA1c could enhance the identification of metabolic syndrome among non-diabetic population. *Heliyon*. 2020 Aug 1;6(8):e04583. doi: 10.1016/j.heliyon.2020.e04583. PMID: 32775749; PMCID: PMC7396902.
 32. Danquah KO, Mensah K, Nkansah C, Appiah SK, Noagbe M, Hardy Y, Ntiamoah DO, Boateng LA, Annani-Akollor ME, Owiredo EW, Debrah AY, **Addai-Mensah O**. Molecular Characterization of Glucose-6-Phosphate Dehydrogenase: Do Single Nucleotide Polymorphisms Affect Hematological Parameters in HIV-Positive Patients? *J Trop Med*. 2020 Aug 1;2020:5194287. doi: 10.1155/2020/5194287. PMID: 32802082; PMCID: PMC7416277.
 33. **Addai-Mensah O**, Dinko B, Noagbe M, Ameke SL, Annani-Akollor ME, Owiredo EW, Mensah K, Tackie R, Togbe E, Agyare-Kwabi C, Gyasi C, Adu-Gyamfi C, Debrah AY. Plasmodium falciparum histidine-rich protein 2 diversity in Ghana. *Malar J*. 2020 Jul 16;19(1):256. doi: 10.1186/s12936-020-03328-z. PMID: 32678034; PMCID: PMC7364488.
 34. **Addai-Mensah O**, Dinko B, Noagbe M, Ameke SL, Annani-Akollor ME, Owiredo EW, Mensah K, Tackie R, Togbe E, Agyare-Kwabi C, Gyasi C, Adu-Gyamfi C, Debrah AY. Plasmodium falciparum histidine-rich protein 2 diversity in Ghana. *Malar J*. 2020 Jul 16;19(1):256. doi: 10.1186/s12936-020-03328-z. PMID: 32678034; PMCID: PMC7364488.
 35. Asare R, Opoku-Okrah C, Danquah KO, Opare-Sem O, **Addai-Mensah O**, Gyamfi D, Amponsah FA, Afriyie EY, Duneeh RV, Ofosu DN, Frimpong M. Assessment of platelet indices and platelet activation markers in children with Plasmodium falciparum

malaria. Malar J. 2020 Apr 8;19(1):143. doi: 10.1186/s12936-020-03218-4. PMID: 32268918; PMCID: PMC7140500.

36. Morhe EKS, Anto EO, Coall DA, Adua E, Debrah AY, **Addai-Mensah O**, Owusu M, Owiredu WK, Obirikorang C, Asiamah EA, Acheampong E, Asamoah EA, Abradu L, Anto AO, Wang Y, Hou H, Wang W. SARS-CoV-2 updates in a West African population and precautionary measures for sustaining quality antenatal care delivery. J Glob Health. 2020 Dec;10(2):020365. doi: 10.7189/jogh.10.020365. PMID: 33110560; PMCID: PMC7567409.
37. Amidu, Nafiu & Antuamwine, Benedict & Awe Akilla, Martin & Kwame, William & Owiredu, Boakye & **Addai-Mensah, Otchere** & Dapare, Peter Paul & Mishio Bawa, Eric & Boakye, William & Owiredu, Ansah & Mishio, Eric. (2020). Leucocyte Differential Count and Pregnancy Induced Hypertension: Implication for Risk and Disease Assessment. American Journal of Laboratory Medicine. 5. 10.11648/j.ajlm.20200501.15.

2019

38. Kaminski LC, Riehn M, Abel A, Steeg C, Yar DD, **Addai-Mensah O**, Aminkiah F, Owusu Dabo E, Jacobs T, Mackroth MS. Cytotoxic T Cell-Derived Granzyme B Is Increased in Severe *Plasmodium Falciparum* Malaria. Front Immunol. 2019 Dec 11;10:2917. doi: 10.3389/fimmu.2019.02917. PMID: 31921176; PMCID: PMC6918797.
39. **Addai-Mensah O**, Annani-Akollor ME, Nsafoah FO, Fondjo LA, Owiredu EW, Danquah KO, Duneeh RV, Amponsah FA. Effect of poor glycaemic control on plasma levels and activity of protein C, protein S, and antithrombin III in type 2 diabetes mellitus. PLoS One. 2019 Sep 27;14(9):e0223171. doi: 10.1371/journal.pone.0223171. PMID: 31560710; PMCID: PMC6764655.
40. **Addai-Mensah O**, Annani-Akollor ME, Fondjo LA, Anto EO, Gyamfi D, Sallah L, Agama D, Djabatey R, Owiredu EW. High-Sensitivity C-Reactive Protein: A Potential Ancillary Biomarker for Malaria Diagnosis and Morbidity. Dis Markers. 2019 Apr 4;2019:1408031. doi: 10.1155/2019/1408031. PMID: 31089391; PMCID: PMC6476067.
41. Amidu N, Antuamwine BB, **Addai-Mensah O**, Abdul-Karim A, Stebleson A, Abubakari BB, Abenyeri J, Opoku AS, Nkukah JE, Najibullah AS. Diagnosis of bacterial meningitis in Ghana: Polymerase chain reaction versus latex agglutination methods. PLoS One. 2019 Jan 17;14(1):e0210812. doi: 10.1371/journal.pone.0210812. PMID: 30653582; PMCID: PMC6336253.

42. **Addai-Mensah O**, Gyamfi D, Amponsah FA, Annani-Akollor ME, Danquah KO, Boateng L, Owiredu EW, Afriyie EY, Duneeh RV, Asare R, Ofosu Ntiamoah D, Boateng R. Antierythropoietin Antibody Production Is Not Associated with Malaria and Malaria-Related Anaemia in Humans. *ScientificWorldJournal*. 2019 Feb 14;2019:5398732. doi: 10.1155/2019/5398732. PMID: 30894794; PMCID: PMC6393884.
43. **Addai-Mensah O**, Gyamfi D, Duneeh RV, Danquah KO, Annani-Akollor ME, Boateng L, Owiredu EW, Amponsah FA, Afriyie EY, Asare R, Ofosu DN. Determination of Haematological Reference Ranges in Healthy Adults in Three Regions in Ghana. *Biomed Res Int*. 2019 Feb 5;2019:7467512. doi: 10.1155/2019/7467512. PMID: 30868073; PMCID: PMC6379879.
44. **Addai-Mensah O**, Annani-Akollor ME, Fondjo LA, Anto EO, Gyamfi D, Sallah L, Agama D, Djabatey R, Owiredu EW. High-Sensitivity C-Reactive Protein: A Potential Ancillary Biomarker for Malaria Diagnosis and Morbidity. *Dis Markers*. 2019 Apr 4;2019:1408031. doi: 10.1155/2019/1408031. PMID: 31089391; PMCID: PMC6476067.
45. Frempong, Margaret & Ntiamoah, Paul & Annani-akollor, Max & Owiredu, William & **Addai-Mensah, Otchere** & Owiredu, Eddie-Williams & Adu-Gyasi, Dennis & Agyapong, Evans & Sallah, Lorraine. (2019). Hepatitis B and C infections in HIV-1 and non-HIV infected pregnant women in the Brong-Ahafo Region, Ghana. *PLOS ONE*. 14. e0219922. 10.1371/journal.pone.0219922.
46. Asare, Renate & Opoku-Okrah, C. & Danquah, Kwabena & Nana, Opare & **Addai-Mensah, Otchere** & Gyamfi, Daniel & Amponsah, Francis & Afriyie, Edward & Duneeh, Richard & Ofosu, David & Frimpong, Michael. (2019). Expression of platelet parameters and platelet membrane glycoproteins in childhood Burkitt lymphoma. *Leukemia Research*. 84. 106189. 10.1016/j.leukres.2019.106189.
47. Ofosu, David & Addai-Mensah, Otchere & Boateng, Lilian & Anane, Kwabena & Owiredu, Eddie-Williams. (2019). Reference Intervals of Prothrombin Time and Activated Partial Thromboplastin Time and Their Association with Age among Healthy Adults in Kumasi, Ghana. 1. 1-8. 10.9734/AHRJ/2018/v1i430093.

2018

48. Abel A, Steeg C, Aminkiah F, **Addai-Mensah O**, Addo M, Gagliani N, Casar C, Yar DD, Owusu-Dabo E, Jacobs T, Mackroth MS. Differential expression pattern of co-inhibitory molecules on CD4⁺ T cells in uncomplicated versus complicated malaria. *Sci Rep*. 2018 Mar 19;8(1):4789. doi: 10.1038/s41598-018-22659-1. Erratum in: *Sci Rep*.

2018 Nov 29;8(1):17587. doi: 10.1038/s41598-018-36410-3. PMID: 29555909; PMCID: PMC5859076.

49. **Addai-Mensah O**, Annani-Akollor ME, Fondjo LA, Sarbeng K, Anto EO, Owiredun EW, Arthur SN. Regular Antenatal Attendance and Education Influence the Uptake of Intermittent Preventive Treatment of Malaria in Pregnancy: A Cross-Sectional Study at the University Hospital, Kumasi, Ghana. *J Trop Med*. 2018 Dec 4;2018:5019215. doi: 10.1155/2018/5019215. PMID: 30631370; PMCID: PMC6304560

2016

50. **Addai-Mensah O**, Seidel M, Amidu N, Maskus DJ, Kapelski S, Breuer G, Franken C, Owusu-Dabo E, Frempong M, Rakotozandrindrainy R, Schinkel H, Reimann A, Klockenbring T, Barth S, Fischer R, Fendel R. Acquired immune responses to three malaria vaccine candidates and their relationship to invasion inhibition in two populations naturally exposed to malaria. *Malar J*. 2016 Feb 5;15:65. doi: 10.1186/s12936-016-1112-1. PMID: 26850066; PMCID: PMC4743426.
51. Maskus DJ, Królik M, Bethke S, Spiegel H, Kapelski S, Seidel M, **Addai-Mensah O**, Reimann A, Klockenbring T, Barth S, Fischer R, Fendel R. Characterization of a novel inhibitory human monoclonal antibody directed against Plasmodium falciparum Apical Membrane Antigen 1. *Sci Rep*. 2016 Dec 21;6:39462. doi: 10.1038/srep39462. PMID: 28000709; PMCID: PMC5175200.

2015

52. Maskus DJ, Bethke S, Seidel M, Kapelski S, **Addai-Mensah O**, Boes A, Edgü G, Spiegel H, Reimann A, Fischer R, Barth S, Klockenbring T, Fendel R. Isolation, production and characterization of fully human monoclonal antibodies directed to Plasmodium falciparum MSP10. *Malar J*. 2015 Jul 16;14:276. doi: 10.1186/s12936-015-0797-x. PMID: 26174014; PMCID: PMC4502606.
53. Safety of family replacement donors vs. voluntary non-remunerated donors in Komfo Anokye teaching Hospital, Ghana: A comparative Study. **Otchere Addai-Mensah**, Prince Abu Bashiru, Elliot Dogbe *Journal of Medical and Biomedical Sciences* (2015) 4(1): 11-16

2013

54. Feller T, Thom P, Koch N, Spiegel H, **Addai-Mensah O**, Fischer R, Reimann A, Pradel G, Fendel R, Schillberg S, Scheuermayer M, Schinkel H. Plant-based production of recombinant Plasmodium surface protein pf38 and evaluation of its potential as a vaccine candidate. *PLoS One*. 2013 Nov 21;8(11):e79920. doi: 10.1371/journal.pone.0079920. PMID: 24278216; PMCID: PMC3836784.

55. Owiredun WK, Quayee L, Amidu N, Addai-Mensah O. Renal insufficiency in Ghanaian HIV infected patients: need for dose adjustment. *Afr Health Sci.* 2013 Mar;13(1):101-11. doi: 10.4314/ahs.v13i1.14. PMID: 23658575; PMCID: PMC3645095.

2011

56. Owiredun WK, Quayee L, Amidu N, Addai-Mensah O. Prevalence of anaemia and immunological markers among Ghanaian HAART-naïve HIV-patients and those on HAART. *Afr Health Sci.* 2011 Mar;11(1):2-15. PMID: 21572851; PMCID: PMC3092327.
57. W.K.B.A. Owiredun , N.K. Takyi , L.K.N. Okine , A.A. Sittie , N. Amidu , K.A. Boateng S. Antwi , K. Donkor **O. Addai-Mensah** Safety Evaluation of BF001, an Anti-diabetic Herbal Preparation in Sprague-Dawley Rats : *West African Journal of Pharmacy* (2011) 22 (1) 49 - 57

2010

58. Amidu N, Owiredun WK, Woode E, Addai-Mensah O, Gyasi-Sarpong KC, Alhassan A. Prevalence of male sexual dysfunction among Ghanaian populace: myth or reality? *Int J Impot Res.* 2010 Nov-Dec;22(6):337-42. doi: 10.1038/ijir.2010.24. Epub 2010 Oct 7. PMID: 20927122.
59. Amidu N, Owiredun WK, Woode E, Addai-Mensah O, Quayee L, Alhassan A, Tagoe EA. Incidence of sexual dysfunction: a prospective survey in Ghanaian females. *Reprod Biol Endocrinol.* 2010 Sep 1;8:106. doi: 10.1186/1477-7827-8-106. PMID: 20809943; PMCID: PMC2936896.
60. N Amidu, WBKA Owiredun, **O Addai-Mensah**, A Alhassan, L Quayee, B Batong Seroprevalence and Risk Factors for Human Immunodeficiency Virus, Hepatitis B and C Viruses Infections among Blood Donors at the Bolgatanga Regional Hospital in Bolgatanga, Ghana *Journal of the Ghana Science Association* Vol 12, No 1 (2010)

Conferences/Seminars and Workshops At Which Papers Were Read

1. Fendel R, Kapelski S, Maskus D, Seidel M, **Addai-Mensah O**, Reimann A, Fischer R, Klockenbring T, Barth S. Recombinant human anti- malarial monoclonal antibodies– a technology platform. In: 11th Malaria Meeting. Aachen, 08-09.11.2013. Düsseldorf: German Medical Science GMS Publishing House; 2013. Doc13mal02
2. Boes A, Spiegel H, Beiss V, Edgü G, Schinkel H, Houdelet M, Schillberg S, Sack M, Rademacher T, Dahm P, Kastilan R, Buyel J, Holland T, Blessing D, Vöpel N, Hellwig S, Drossard J, Fendel R, Kapelski S, Maskus D, **Addai-Mensah O**, Seidel M, Barth S,

- Geese M, Reiss K, Wenzel C, Hügel C, Scholz O, Kostka G, Benz M, Haßlmeyer E, Münzenmayer C, Weigand C, Scheuermayer M, Pradel G, Remarque E, Faber B, Horstmann R, Tannich E, Fischer R, Reimann. **A Holistic approach to malaria elimination.** In: 11th Malaria Meeting. Aachen, 08.-09.11.2013. Düsseldorf: German Medical Science GMS Publishing House; 2013. Doc13mal01
3. Fendel Rolf, Klockenbring Torsten, Maskus Dominika, kapelski Stephanie, **Addai-Mensah, Otchere**, Seidel, Melanie, Reimann Andreas, Barth Stefan, Fischer Rainer. A technology platform to isolate, produce, and characterize recombinant human monoclonal antibodies. In: Molecular Parasitology Meeting XXV, Woods Hole, Massachusetts, 14-18.09.2014
 4. MS Mackroth, A Abel, C Steeg, D Yar, **O Addai-Mensah**, EO Dabo, Distinct Expression pattern of Inhibitory Molecules on CD4⁺ T cells is associated with uncomplicated versus complicated Malaria. American Journal of Tropical Medicine and Hygiene 95 (5), 507-507
 5. Distinct Expression Pattern of Inhibitory molecules on CD4⁺ cells is associated with uncomplicated versus complicated malaria. Maria S Mackroth, Annemieke Abel, Christiane Steeg, Denis Yar, **Otchere Addai-Mensah**, Ellis Owusu Dabo, Thomas Jacobs- American Society of Tropical Medicine and Hygiene (ASTMH), Atlanta, USA, November 2017.
 6. Co-mediation of Erythrocyte Haemolysis by Plasma Membrane-Derived Extracellular Vesicles and Complement during Malaria Infection. R. Kyeremeh, S. Antwi-Baffour, M. E. Annani-Akollor, J. K Adjei, **O. Addai-Mensah**, M.T Frempong. The 8th College of Health Sciences and 12th Convention of Biomedical Research Kumasi, Ghana, July 2019.
 7. Plasma Membrane-Derived Extracellular Vesicles from Malaria Infected Mice Induce Increased RBC Haemolysis in Non-Malaria Mice R. Kyeremeh, S. Antwi-Baffour, M. E. Annani-Akollor, J. K Adjei, **O. Addai-Mensah**, M.T Frempong. The 8th College of Health Sciences and 12th Convention of Biomedical Research Kumasi, Ghana, July 2019.
 8. Effect of poor glycaemic control on plasma levels and activity of protein C, protein S, and antithrombin III in type 2 diabetes mellitus **O. Addai-Mensah**, M. E. Annani-Akollor, F. O. Nsafoah, L. A. Fondjo, E-W.Owiredo, K.O. Danquah, R.V. Duneeh, F. A. Amponsah. The 8th College of Health Sciences and 12th Convention of Biomedical Research Kumasi, Ghana, July 2019.
 9. Potential Fertility abilities of *Khaya senegalensis* stem bark extract on male wistar rats

- L. Sallah M. E. Annani-Akollor, L. A. Fondjo, **O. Addai-Mensah**, B.M.Wireko. The 8th College of Health Sciences and 12th Convention of Biomedical Research Kumasi, Ghana, July 2019.
10. Long-Term Effect of Antihypertensive Medication on Bone Mineral Density among Ghanaian Adults at Komfo Anokye Teaching Hospital. L. Sallah, M. E. Annani-Akollor, B. M. Duduyemi, N. A. Titiloye, **O. Addai-Mensah**, I. Boateng. The 8th College of Health Sciences and 12th Convention of Biomedical Research Kumasi, Ghana, July 2019.
 11. Sero-Prevalence of Hepatitis B and C Virus Co-Infections and Their Effect on Immuno-Virological Profile in Hiv-1 Positive Pregnant Women in the Brong-Ahafo Region, Ghana. M. T. Frempong, P. Ntiamoah, M. E. Annani-Akollor, W. K. B. A. Owiredo, **O. Addai-Mensah**, E.W. Owiredo, D. Adu-Gyasi, E. O. Agyapong, L. Sallah. The 8th College of Health Sciences and 12th Convention of Biomedical Research Kumasi, Ghana, July 2019.
 12. Duku-Takyi R., Owusu M.1, **Addai-Mensah O.**, Paintsil V., Opare-Sem O., Anto E.O., Epstein Barr-virus and Associated Haematological Changes in Lymphoma: A Case-control Study at the Komfo-Anokye Teaching Hospital. 9th Biennial Scientific Conference, Ghana; 29-30 September, 2021 [Abstract No. 9]. Parallel Session B1-Clinical Research.
 13. Owusu-Poku A.G., **Addai-Mensah O.**, Gyamfi D., Togbe E., Ephraim R.K.D., Asibey J.G., Sackey B., Anto E.O. Interplay of Foetal Haemoglobin, Micronutrients and Oxidative Stress Markers in Sickle Cell Anaemia. 9th Biennial Scientific Conference, Ghana; 29-30 September, 2021 [Abstract No. 10]. Parallel Session B1-Clinical Research.
 14. Kporha I., Opoku S., Kutu B., Togbe E, Anto E.O., Annani-Akollor M.E., Debrah A.Y., Wiafe Y.A., **Addai-Mensah O.** Oxidative Stress Markers as Predictors of Disease Severity in Sickle Cell Disease Children in Ghana. 9th Biennial Scientific Conference, Ghana; 29-30 September, 2021 [Abstract No. 37]. Parallel Session D2-Clinical Research and Public Health.
 15. **Addai-Mensah O.**, Ofosu D.N., Anto E.O., Abban E. Prevalence of Bleeding Episodes and Von Willebrand Disease among Female Students in the Kumasi Metropolis, Ghana. 9th Biennial Scientific Conference, Ghana; 29-30 September,2021 [Poster No. 026].
 16. Oduro, M. D., **Addai-Mensah, O.**, Togbe, E., Anto E.O. Haemostatic findings among Hormonal Contraceptive users in a Ghanaian Population. 9th Biennial Scientific Conference, Ghana; 29-30 September,2021 [Poster No. 030].

17. Asare G.A., Debrah A.Y., **Addai-Mensah O.**, Anto E.O., Opoku S., Boakye D.K., Owusu W.O., Ganiu A., Darko G.K., Eshun H., Wemegah I.S., Dzokoto M. Seasonal variation in Haematobiochemical Reference Ranges among Healthy adults in three Geographical Regions in Ghana. 9th Biennial Scientific Conference, Ghana; 29-30 September, 2021 [Poster No. 032].

Resource Mobilisation

1. Raised **\$18,000** for multiheaded microscope with an ELISA Reader, 2 microscopes and a spectrophotometer for the Department of Medical Diagnostics. This has made student instruction in microscopy more engaging and some laboratory tests which hitherto couldn't be done in the department are now done.
2. Raised **~\$4million** for the Heal Komfo Anokye Project (**HEKAP**), a project aimed at renovating the 70-year-old Komfo Anokye Teaching Hospital blocks which had never seen any major renovation. The Komfo Anokye Teaching Hospital is the primary site for the training of medical students in their clinical years, Pharmacy students, nursing students and medical laboratory students from the KNUST

Referees

Prof Tsiri Agbenyega, email; tsiri@gmail.com

Former Provost, College of Health Sciences

Department of Physiology, School of Medical Sciences, KNUST

Tel: 0208113848

Prof Yaw Adu-Sarkodie, email; yasax@hotmail.co.gh

Former Provost College of Health Sciences

Department of Microbiology, School of Medical Sciences, KNUST

Tel: 0244925452

Prof Mark Adom Asamoah

Former Provost, College of Engineering

Department of Civil Engineering, KNUST