# CURRICULUM VITAE

## 1. BIO DATA

NAME: Edward Tsiri Agbenyega

**ADDRESS:** *Office*: Department of Physiology

School of Medical Sciences

KNUST

Kumasi, Ghana

Phone +233 3220 64411

*Permanent:* P.O. Box 446

University of Science and Technology

Post Office

Kumasi, Ghana

Phone +233 20 8113848

*E mail* tsiri@g[hana.com, ccm200](mailto:hana.com,%20ccm200)0a@yahoo.com

**DATE AND PLACE OF BIRTH:** 15th May 1958. Agormanya, Ghana

**MARITAL STATUS:** Married with three children

**NATIONALITY:** Ghanaian

|  |
| --- |
| I received my BSc in Human Biology from Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, and obtained a Bachelor of Medicine, Bachelor of Surgery (MB.ChB) at the same University in 1982. I did PhD training in physiology at the University of Manchester (UK) from October 1987 - February 1991.  I am currently a Professor in the Department of Physiology in the School of Medical Sciences (SMS) and a Principal Medical Officer at the Department of Child Health, Komfo Anokye Teaching Hospital (KATH) Kumasi, Ghana. I am a seasoned researcher who currently heads the malaria research group in the Department of Child Health at KATH. Funding for my research has come from the National Institutes of Health (NIH) USA, the Welcome Trust, the World Health Organization, GlaxoSmithKline (GSK), PATH-Malaria Vaccine Initiative (MVI) and the Gates Institute.  I have served on many committees and boards of the University. The highlight of my service has been as Dean of the School of Medical Sciences (KNUST) from April 2002 to September 2008 and as a member of the Council of the Kwame Nkrumah University of Science and Technology for four years, from January 2006 – December 2009 and Provost, College of Health Science. 1st August 2011 – 31st September 2017 |

## 2. EDUCATIONAL BACKGROUND

### 

### 2A. ACADEMIC QUALIFICATIONS

1. Certificate in Strategic Leadership, July 2006
2. PhD (Physiology), February 1991
3. MB ChB., December 1982
4. BSc. (Human Biology), June1979
5. General Certificate of Education (West Africa): Advanced Level, June 1976
6. General Certificate of Education (West Africa): Ordinary Level, June 1974
7. Common Entrance Examination, June 1969

### 

### 2B. INSTITUTIONS ATTENDED

1. Gates Institute, Johns Hopkins University, USA, July 2006
2. University of Manchester, UK, November 1987 - February 1991
3. Kwame Nkrumah University of Science and Technology, September 1979 - December 1982
4. Kwame Nkrumah University of Science and Technology, September 1976 - June 1979
5. Mfantsipim School, Cape-Coast, Ghana. September 1974 - June 1976
6. Prempeh College, Kumasi, Ghana. September 1969 - June1974
7. Accra New Town Experimental Primary School 1963 - June 1969

## 3. ADMINISTRATIVE EXPERIENCE

|  |
| --- |
| I have acquired a lot of experience by serving on several committees and boards within and outside the University (both National and International). My service also includes administrative positions such as the head of the department of Physiology in the School of Medical Sciences and the Dean of the same School. The highlights of some of my services are indicated below. |

### 

### 3A KNUST

1. Provost, College of Health Sciences, KNUST, 1st August 2011 – 31st September 2017
2. **Member**, Special Academic Board Committee to review the Act and Statutes of KNUST 2010 – 2017
3. **Member (Professorial) of the Council** of the Kwame Nkrumah University of Science and Technology: January 2006 - December 2009
4. **Dean,** SMS, KNUST, April 2002 - Sept 2008
5. **Member** of the National Accreditation Board inspection team to University of Cape Coast School of Medical Sciences. September, 2010
6. **Chair**, Medical and Dental Council of Ghana Inspection Team to University of Cape Coast School of Medical Sciences. November, 2010

###### **Deputy Vice Dean,** SMS, KNUST, 1997 - 2001

1. **Member,** SMS, KNUST Board, 1991 - date
2. **Member,** Board of the School of Graduate Studies, KNUST, 1999-2002
3. **Member,** Executive Committee, KNUST, 2002-2004
4. **Member**, Academic Board, KNUST, 1991 - date
5. **Member,** Ghana Universities Superannuation Scheme (GUSS) Management Board, KNUST, January 2006 - December 2009
6. **Head,** Department of Physiology, SMS, October, 1992 – 2001 and October 2009 - date
7. **Co-ordinator**, Pre-clinical Programme, SMS, October, 1992-2001
8. **Examinations** **Officer**, Department of Physiology, SMS, 1992-1997
9. **Member**, Committee on Human Research, Publications and Ethics of SMS, KNUST, 1997 – 2002
10. **Chairman**, SMS Welfare Management Committee, 2000 - 2002
11. **Member**, SMS Scientific Working Group, 2000 - 2002
12. **Chairman**, SMS Guesthouse Management Committee, 1998 - 2002
13. **Member**, Inter Faculty Committee of the Academic Board to study and make recommendation on a proposal for the establishment of a department of Optometry and Visual Science.
14. **Member**, Advisory Board, Kumasi Centre for Collaborative Research into Tropical Medicine, 2002 – 2008
15. **Chairman,** Committee to review the application of *Narh-Bita* Hospital for affiliation of the Physician Assistant Programme, 2009
16. **Chairman**, Committee that drafted the Veterinary Medicine programme for the School of Veterinary Medicine, KNUST, 2008
17. **Chairman,** Vice-Chancellor’s Task Force on upgrading of KNUST Hospital, 2004

### 3B. NATIONAL

###### **Member,** Komfo Anokye Teaching Hospital Board, 2002 – 2008

1. **Member**, Medical and Dental Council of Ghana, 2002 - 2008
2. **Member,** Curriculum Development Sub-committee that prepared a blueprint for the establishment of a School of Medical and Health Sciences at The University for Development Studies Tamale, 1994

#### **Membe**r, Editorial Board of the Ghana Medical Journal,1998 – 2006

1. **Membe**r, Financial, Technical and Human Resource Committees of the Komfo Anokye Teaching Hospital Board, 2002 – 2008
2. **Member,** Educational sub-committee of the Ghana Medical and Dental Council 2002 - 2008
3. **Member,** Panel of the National Accreditation Board which reviewed the Medical Programme of the School of Medical Sciences, University of Cape Coast, July 2007
4. **Chairman,** Panel of the National Accreditation Board which reviewed the Medical Programme of the proposed St. Luke’s Medical School in Accra, November 2007
5. **Member,** Ghana Medical and Dental Council team to review the programme for the School of Medicine and Health Sciences, UDS, Tamale, 2008
6. **Chairman**, Advisory Board, Kintampo Rural Training School, Ghana, 2010 – 2017
7. **Medical Director,** Hope Exchange medical Centre Santasi, Kumasi 2017-date
8. **Member of Governing Council.** National Council for Tertiary Education 2017-2020.
9. **Member**, Board of the Ensign College of Public Health. 2013-date

### 3C. INTERNATIONAL

#### **Membe**r, Editorial Board, Croatian Medical Journal, 1997 - 2012

1. **Member**, Steering and Planning Committee for the DCA/MALA clinical trial. An NIH funded clinical trial involving the National Institute of Allergy and Infectious Diseases (NIAID), St. George’s Hospital Medical School, UK and University of Florida at Gainesville, USA, 1997 – 2001
2. **Member**, Planning group of a multi-centre Network in five sites in Africa, Gabon, Gambia, Ghana, Kenya and Malawi, 1997
3. **Member**, WHO Endpoint Review Committee on Study 13 (Pre-referral rectal artesunate to prevent death and disability in severe malaria: placebo-controlled trial), 2004
4. WHO **Temporary Expert Advisor** on the use of Rectal Artesunate in the treatment of childhood malaria, 2005
5. **Member,** Project Management Committee, *MalariaGEN* consortium, 2006 – 2010
6. **Member,** Clinical Trials Partnership Committee (CTPC) of the RTSS malaria vaccine trial 2007 - date
7. **Co-Chair,** Clinical Trials Partnership Committee (CTPC) of the RTSS malaria vaccine trial, 2009 - date
8. **Member,** Data and Safety Monitoring Board (DSMB) for the Rotavirus Vaccine “Rotateq”, 2007 - 2009.
9. **Member**, Data and Safety Monitoring Committee (DSMC) International Medica Foundation, 2009 - date
10. **Member**, WHO-Ghana Technical Advisory Group (TAG) for the malaria candidate vaccine, “RTS,S” introduction in Ghana, 2009 - date.
11. **Member**, DSMB of The Oxytocin Initiative, Ghana, 2010 – date
12. Member, DSMB of the DNDi Efficacy, Safety and Population-Pharmacokinetics of AS-MQ combination for the Treatment of Uncomplicated Falciparum Malaria in African children versus Artemether-Lumefantrine
13. Member, IDMC of the Janssen Study, A Randomized, Observer-blind, Placebo-controlled, Phase 2 Study to Evaluate the Safety, Tolerability and Immunogenicity of Different Prime-boost Regimens of the Candidate Prophylactic Vaccines for Ebola Ad26.ZEBOV and MVA-BN-Filo in Healthy Adults, Including Elderly Subjects, HIV-infected Subjects, and Healthy Children in Two Age Strata in Africa-2017

## 

## 4. UNIVERSITY TEACHING AND RESEARCH EXPERIENCE

### 4A. ACADEMIC RANKS HELD

1. **Professor**, Department of Physiology, SMS, KNUST. October 2005 - date
2. **Associate Professor**, Department of Physiology, SMS, KNUST. October 2000 -September 2005
3. **Senior Lecturer**, Department of Physiology, SMS, KNUST. October 1995 -September 2000
4. **Head,** Department of Physiology, SMS, KNUST. October 1992 - September 2001 and October 2009 – July 2011
5. **Lecturer,** Department of Physiology, SMS, KNUST. April 1991 - September 1995
6. **Coordinator**: Basic Science Programme, SMS, KNUST, October 1992 - September 2001

### 4B. TEACHING

|  |
| --- |
| My contribution to teaching in the University, in the Department of Physiology at SMS, KNUST, has been exemplary. As the first physiologist to take up a full time appointment in the department, I was instrumental in its development. As head for about ten years, I was able to direct the development of the department to an acceptable international standard. I have always attended all my lectures, tutorials and practicals punctually. I hardly missed lectures in-spite of my busy schedule as the head of department for ten years, Deputy-Vice Dean of the School of Medical Sciences for four and Dean for six and a half years. I taught and gave guidance to postgraduate students. These students included students on the reproductive biology programme, doctors on the West African College programmes and other foreign & local masters students. I have never been on leave since my appointment as lecturer. This sacrifice has been necessitated by the fact that our department has never had the full complement of academic staff. Below is an itemised list of the contributions I have made as a teacher in the University. |

1. **Teaching first and second-year pre-clinical medical students**

*Topics taught in the past include*:

* General Physiology
* Respiratory Physiology
* Endocrine Physiology
* Cardiovascular Physiology
* Renal Physiology
* Gastrointestinal Physiology
* Reproductive Physiology
* Neuro Physiology

1. **Teaching postgraduate students on the inter-departmental Reproductive Biology programme**

*Topics taught include:*

* *Some aspects of Endocrine Physiology*
* *Human Reproductive Physiology*

1. ***Teaching postgraduate students in Medicine, Paediatrics, Obstetrics & Gynaecology, Surgery, Ophthalmology, Ear Nose & Throat on the West Africa College programme***

*Topics taught:*

* *General Physiology*
* *Cardiovascular Physiology*
* *Some Aspects of Neurophysiology*

1. ***Teaching physiology to first and second year Laboratory Technology students.***

*Topics taught:*

* *General physiology*
* *Cardiovascular physiology*

1. ***Part time lecturer in Clinical Trials in Practice, on the MSc Clinical Trials programme at the School of Public Health, University of Ghana, 2010.***

### 4C. SUPERVISION OF STUDENT PROJECTS

#### *Supervision of a MSc. project on the inter-departmental Reproductive Biology programme, 1995 - 1997*

* + *Topic: The return to fertility following the cessation of some hormonal contraceptives in Ghanaian women.*

##### *Co-Supervision of a German medical student. This project was in collaboration with the Kumasi Centre for Collaborative Research (KCCR), May – August 2000*

* + *Topic: A prospective study of bacteraemia in the context of severe malaria.*

##### *Co-Supervision of a research project as part of requirements for an MPhil degree, 2004 – 2005*

* + *Topic: The role of zinc deficiency in bacterial meningitis.*

1. *Co-Supervision of a PhD Student in the department of Community Health, SMS, on the Malaria Capacity Development Consortium a new PhD fellowship programme for African scientists, funded by the Wellcome Trust, 2009 - 2013*

##### *Topic: Mapping malaria epidemiology, interventions and transmission in a rural district in Ghana.*

1. *Co-Supervision of a Phd Student in a Split-Site programme with the University of Westminster, UK*

* *Topic: Microcytic hypochromic red blood cells confer protection from severe Plasmodium falciparum malarial parasitaemia in both α+ thalassaemias and non thalassaemia individuals 2009 – 2014*

1. *Supervision of MPhil Student in The Department of Physiology KNUST*

* *Topic: -2011Determination of Safe Apnoea Period in Relation to Haemoglobin Concentration at the Komfo Anokye Teaching Hospital*

1. *Supervision of MPhil Student in The Department of Physiology KNUST*

* *Topic: Iron Stores, Hematology and Red Cell Indices Recovery Rate in Ghanaian Blood Donors*

1. *Supervision of MPhil Student in The Department of Physiology KNUST*

* *Topic**Hematology Reference Ranges For Young Healthy Ghanaian Adults: A Study Among Ghanaian Cohort In KNUST Kumasi*

### 4D. EXTERNAL EXAMINER

1. School of Medical and Health Sciences, UDS, Tamale, 2000 - 2003
2. School of Medical Sciences, University of Cape-Coast, 2009 - 2015
3. Post Graduate College, University of Ghana, Legon, 2008 – 2010

### 4E. EXTERNAL ASSESSOR FOR PROMOTIONS

1. School of Medicine, University of Utah, USA
2. University of Ghana Medical School, Ghana
3. Liverpool School of Tropical Medicine, Liverpool University UK
4. University of Education Winneba, Ghana
5. University Of Lagos, Nigeria

***4F. MEMBER, INTEVIEW PANEL FOR THE SCHOOL OF ALLIED HEALTH SCIENCES, VR***

### 4G. RESEARCH EXPERIENCE

|  |
| --- |
| Although I started my research career in muscle physiology, I have developed a keen interest in the patho-physiology of malaria and have been involved in malaria research since 1993. I currently head the clinical malaria research group in the Department of Child Health at KATH. As the leader of the research group, I have mentored and actively sourced funding for training colleagues I work with. Research projects I have been involved in are listed below in this section. |

1. ***Malaria Associated Lactic Acidosis Clinical Trial*:** NIH funded Clinical trial to investigate the effect of “Dichloracetate (DCA) on Mortality in Severe Malaria in African children”. A randomized, placebo-controlled, double-blind, Phase II clinical trial to test the hypotheses that intravenous DCA is safe and improves morbidity in young African children with lactic acidosis due to severe *P. falciparum* malaria. We also determined the population plasma pharmacokinetics of DCA and the effect of the drug on the plasma kinetics of intramuscular quinine **(1999 - 2001**)

**Role: Principle Investigator (PI)**

1. ***Evaluating the prognostic importance of lactic acidosis in malaria and in other severe non-malarial illness by comparison of prognostic variables to identify potentially treatable patho-physiological processes associated specifically with malari****a****:*** A NIH funded project. A multi-centre prospective observational study of intraleukocytic and intraerythrocytic pigment as prognostic features in African children with falciparum malaria. As a member of the Severe Malaria in African Children Network, I have been involved in the evaluation of intraleukocytic and intraerythrocytic malaria pigment as indicators of poor prognosis in African children hospitalized with severe malaria. **(2001 - 2004)**

**Role:PI**

1. ***Malaria/Genetics Study:*** A study to investigate human genetic variants influencing susceptibility and resistance to severe and complicated malaria. In collaboration with the KCCR **(2001 - 2006)**

**Role: PI**

1. ***Malaria Bacteremia Study*:** A SMS/KCCR funded project to determine the role of bacteremia in children with clinical signs and symptoms of severe malaria. In collaboration with the KCCR **(2000-2002)**

**Role: Co-PI**

1. ***Sickle Cell Immunology Study:***An open labelled randomised trial investigating the immunogenicity of pneumococcal and *Hemophilus influenza* type b conjugate vaccine in children with sickle cell disease **(1998 - 2003)**

**Role: Co-PI**

1. ***WHO funded Study 15:*** A randomised controlled study to obtain safety and efficacy data on the use of a rectal formulation of artesunate as a treatment for acute “*non-per-os”* malaria. **(2004 - date)**

**Role: PI**

1. ***Febrile Convulsion Stud*y***:*  SMS funded project. The role of lumbar puncture in the management of children with febrile convulsion **(2000 - 2001)**

**Role: Co-PI**

1. *Incidence of Acute Infection in Young Children with Sickle Cell Disease (SCD) in Africa:* A NIH funded project. In which, a cohort of young children with SCD diagnosed from birth were monitored closely to collect prospective data to determine the incidence of bacterial and malarial infection. (2003 - 2005)

Role: Co-PI

1. ***Rapid Assessment of Blood Lactate:*** A NIH/SMAC funded study to evaluate the “Lactate Pro” portable lactate analyser as an instrument to measure blood lactate concentration in patients enrolled in SMAC-sponsored clinical studies **(2001 - 2002)**

**Role: PI**

1. ***The Ocular Fundus In Cerebral Malaria:*** A NIH funded study in which the SMAC network proposed to test the hypothesis that the clinical diagnosis of cerebral malaria can be significantly improved by a bedside examination of the ocular fundus. NIAID/SMAC sponsored **(2006 - date)**

**Role: PI**

1. ***The KNUST – JHU Gates linkage programme:*** Funded by the Gates Foundation through the Gates Institute at Johns Hopkins University. Theaim was to build long-term sustainable capacity in Population and Reproductive Health in order to provide leadership and expertise to address the priority population and reproductive health problems of Ghana and the rest of the world. The 1st phase was extended by another five years **(2003 - 2013)**

**Role: PI**

1. ***Malaria/Genetics as part of the Grand Challenges in Global Health:*** Funded by the Gates Foundation it is a collaborative project with the Wellcome Trust Centre for Human Genetics, University of Oxford. Its aim was to learn from the Human Genome how protective immunity against malaria works **(2005 - 2009)**

**Role: PI and Member of the Programme Management Committee**

1. ***Phase II, Pre Phase III and Phase III Clinical Trial of the Malaria Vaccine candidate RTS’S:***  A Gates Foundation/Malaria Vaccine Initiative and GSK Biologicals is a multi-centre study to evaluate, in infants and children, the efficacy of the RTS,S/AS01E candidate vaccine against malaria disease caused by *P. falciparum* infection, across diverse malaria transmission settings in Africa **(2006 – 2014)**

**Role: PI**

1. ***Malaria Transmission Intensity***. An epidemiology study to assess Plasmodium falciparum parasite prevalence and serological conversion rates in catchment areas of a Phase III trial of the candidate malaria vaccine RTS,S/AS01E in sub-Saharan Africa **(2010 – 2014)**

**Role: PI**

1. **MAL063 Phase III** Randomized, Open, Controlled Study to Evaluate the Immune Response to the Hepatitis B Antigen of the RTS,S/AS01E Candidate Vaccine, when Administered as Primary Vaccination Integrated into an EPI regimen to Infants Living in Sub-Saharan Africa (MAL063) (**2012-2016). Role: PI**
2. **SMAC Artesunate study**: Follow Up Study Comparative, Open Label, Dose and Regimen Optimization Follow-up Study of Intravenous and Intramuscular Artesunate in African Children with Severe Malaria. (**2012-2014). Role: PI**
3. **TADO Study:** Randomized, Efficacy and Safety Comparison of Prasugrel and Placebo in Pediatric Patients with Sickle Cell Disease - TADO (**2014-2016)**. **Role: PI**
4. Phase IIIb Randomized, Open, Controlled, Multi-Center Study to Evaluate the Immunogenicity and Safety of the RTS,S/AS01E Candidate Malaria Vaccine, when Administered as Primary Vaccination at 6,7.5 and 9 Months of Age with or without Co-Administration of Measles, Rubella and Yellow Fever Vaccines followed by RTS,S/AS01E Booster Vaccination 18 Months Post Dose 3, to Children Living in Sub-Saharan (MAL073) (2016-2019)
5. Phase IIb randomized, open-label, controlled, multicenter study of the efficacy, safety and immunogenicity of GSK Biologicals’ candidate malaria vaccine RTS,S/AS01E evaluating schedules with or without fractional doses, early Dose 4 and yearly doses, in children 5-17 months of age living in sub-Saharan Africa (MAL094). (2017-2022)

## 5. OTHER PROFESSIONALLY RELATED EXPERIENCE

1. **Principal Medical Officer.** Department of Child Health, KATH, Kumasi, Ghana. **April 1999 - date**
2. **PhD Student.** University of Manchester, UK. **October 1987 - January 1991**
3. **Senior Medical Officer**. Department of Child Health, KATH, **March - September 1987**
4. **Medical Officer.** Department of Child Health, KATH, **April 1985 - September 1987**
5. **Medical Officer**. Department of Medicine, KATH, **September 1984 - March 1985**
6. **Medical Officer.** Department of Obstetrics and Gynaecology, KATH, **March 1984 - August 1984**
7. **House Officer**. Department of Medicine, KATH, **February - August 1983**
8. **Demonstrator**. Department of Physiology and in Clinical Methods, School of Medical Sciences and KATH, **April 1983 – March 1984**

## 6. AWARDS/FELLOWSHIPS/HONOURS

1. Dean’s Award for Best Worker, Senior Member category, in the SMS, KNUST, December 1998.
2. Leverhulme Trust award as a visiting Research Fellow (Post Doc Position) in the Division of Neurosciences, School of Biological Sciences, and University of Manchester Medical, School, UK. February - May 1993, March - June 1994, April - July, 1995
3. Overseas Research Studentship (ORS) Award (UK) tenable at the University of Manchester, 1988 - 1990
4. University of Manchester Graduate Studentship, 1987-1990
5. Best Junior Doctor of KATH, 1986
6. Captain, School of Medical Sciences Football Team, 1978 - 1981
7. Captain, School of Medical Sciences Table Tennis Team, 1978-1981
8. Best Student in Biology and Chemistry: Mfantsipim School, Lower Sixth Form, 1975

## FUND RAISING ACTIVITIES/RESEARCH GRANTS

|  |
| --- |
| Research is a vital tool for development, and the ability to source for research funds is vital in the growth of any university. My ability to help source for funding to enhance both the development of physical infrastructure and human resource capacity is evidenced by the level of funding which I have been able to attract over the years. The list below is testament to my success at attracting funding both to conduct research and to improve physical infrastructure. |

|  |  |  |
| --- | --- | --- |
|  | **FUNDING AGENCY** | **AMOUNT** |
| a. | **National Institutes of Health (NIH) sponsored Projects. Funding for collaborative research in the patho-physiology of malaria and infrastructure support** |  |
|  | * Malaria Associated Lactic Acidosis Clinical trial: between 3 sites * The Severe Malaria in African Children network: to Kumasi * The Ocular Fundus in Malaria Study: (for 3 sites) | $5,000,000  $ 255,000  $2,491,532 |
| b. | **MalariaGEN Consortium Genetic study. Funding from the Gates Foundation through collaboration with Oxford University to study the genetics of malaria immunity** | $ 261,265 |
| c. | **Gates Reproductive Health Project. Funding from the Gates Foundation through The Gates Institute at Johns Hopkins University** | $1,100,000 |
| d. | **MVI GSK Malaria Vaccine Study. The following amounts for the various phases of the study** |  |
|  | * MAL 047. Phase II * MAL 055 pre-Phase III * MAL 55 Phase III * Malaria transmission Intensity * MAL 063 Phase III | $1,827,690  $ 450,782  $5,911,553  $ 47,153  $2,500,000 |
| e. | **Malaria Clinical Trials Alliance (MCTA)*.*  Funding for lab Equipment and a building to serve as a research centre** | $ 524,000 |
| f. | **World Health Organization Study 15. To research the effect of rectal artesunate on childhood malaria*.*** | $ 285,000 |
| g. | **Teaching and Learning Innovative Fund (TALIF), to improve ICT infrastructure SMS, to enhance teaching and learning.** | $ 197,000 |
| h. | **Netherlands Organization for internal Cooperation in Higher Education (NUFFIC) NPT Grant for a programme in disability** | ∈1,976,000 |
| i. | **EDCTP Clinical Trials Grant for “Artesunate for severe malaria in African Children”** | ∈ 590,000 |
| j. | **Ghana Re-Insurance: Support for SMS** (Annual support) | GH¢ 8000 |
|  |  |  |
|  | **INFRASTRUCTURE DEVELOPMENT** |  |
| a. | **Three Computer labs for SMS** |  |
| b. | **“GET fund” funded Hostel for Clinical Students in KATH** |  |
| c. | **3 buses for SMS** |  |
| d. | **A Hostel at Juaben, Ashanti, for use by Department of Community Post Graduate Students** |  |
| e. | **A Clinical Research Centre at Agogo, Ashanti** |  |
| f. | **A Clinical Laboratory at Department of Child Health, KATH** |  |

## 8. MEETINGS/WORKSHOPS/SEMINARS ATTENDED

|  |
| --- |
| In order to be abreast with current trends in education, research and teaching, it is imperative that a leader should be able to dialogue at various times with his peers. To be able to attract funding for teaching and research, it is also very important to be part of various academic networks. This is made possible largely through participation in various national and international meetings, workshops and seminars. The following, which I have attended over the years, have contributed to my having contacts the in Ghana and abroad, that are needed to source for funding. |

1. MalariGEN Consortium meeting UK on the 5-8th June 2013. in Hinxton, Cambridgeshire
2. MVI Financial Workshop planned for Tuesday and Wednesday, May 19th to May 25th 2013. Cape Town
3. EDCTP sponsored Artesunate Study and a MMV organized Expert Group Meeting 18-19 March 2013, Vienna
4. Building Stronger Universities, partners meeting. 4th -7th of March 2013, Copenhagen.
5. 61st Annual meeting of the American Society for Tropical Medicine and Hygiene. 11th - 16th of November 2012. Atlanta,
6. Building Stronger Universities, partners meeting 26th Of August -1st September 2012 in Copenhagen
7. Malaria Capacity Development Consortium (MCDC) at the Emory Conference Centre Hotel, from on the 9th - 10th of November 2012. Atlanta
8. Bill & Melinda Gates Foundation cordially invites you to attend the Global Health Product Development Forum 2012, May 1-3 at the Grand Hyatt in Seattle
9. European Parliament World Malaria Day Working Lunch, Sustain the Gains, Save Lives, April 25 Brussels Belgium
10. 60th Annual meeting of the American Society for Tropical Medicine and Hygiene. 4th to the 9th of December 2011 Philadelphia, USA.
11. WHO MALVAC and JTEG meetings on malaria vaccine development. I will be away from the 21-22 201 Geneva.
12. MalariaGEN Network Governance Committee Meeting, 10-11 June 2011 Hinxton UK
13. Medicines in Malaria Ventures (MMV) Pediatric Clinical Strategy Discussion – 1st June 2011 - Dar Es Salaam.
14. Meeting on the EDCTP "Artesunate for severe malaria in African children" trial, April 19-20 April 2011  in the Vienna School of Clinical Research
15. 9th Annual African Healthcare Summit: April 15-17 2011, Atlanta, Georgia
16. Investigators meeting for the RTS,S MAL-055, March 15-17, 2011, Nairobi, Kenya
17. Malaria Clinical Trial Alliance (MCTA) Annual General Meeting, January 2011, Golden Tulip Hotel, Accra, Ghana
18. Meeting of the Malaria Capacity Development Consortium of the London School of Hygiene & Tropical Medicine and Partners, January 2011, Mensvic Grand Hotel, Accra, Ghana
19. 59th Annual Meeting of the American Society of Tropical Medicine and Hygiene, November 2010, Atlanta Marriot Marquis, USA
20. Briefings on Capitol Hill, to highlight the progress of the RTS,S malaria vaccine candidate October, 2010, Washington DC, USA
21. 2nd International Malaria Vaccines for the World Conference, October 2010, Kellog Conference Centre, Gallaudet University, Washington DC, USA
22. The 26th International Paediatric Association Congress of Pediatricians, August 2010 Sandton, South Africa
23. RTSS MVI/GSK Steering Committee Meeting. July 8 2010, PATH Office, Ferney-Voltaire, France
24. Update meeting on RTS,S/AS01 Malaria Vaccine, July 2010, WHO Headquarters Geneva, Switzerland
25. Ghana-Michigan CHARTER Research Proposal Writing Workshop June 2010, Elmina Beach Hotel, Tulip Hotel, Kumasi, Ghana
26. Post Approval Program meeting for the RTS, S malaria vaccine candidate, March, 2010, PATH Office, Ferney-Voltaire, France
27. Malaria Clinical Trials Alliance (MCTA) Annual General Meeting, January 2010, Holiday Resort Maputo, Mozambique
28. Clinical Trials Partnership Committee (CTPC) Meeting of the RTSS vaccine group, November 2009, Sarova Panafric Hotel, Nairobi, Kenya
29. Ghana-Michigan CHARTER Research Proposal Writing Workshop August 2009 Golden Tulip Hotel, Kumasi, Ghana
30. European Developing Countries Clinical Trials Partnership (EDCTP) "Artesunate for severe malaria in African children" trial, May 2009, Vienna School of Clinical Research, Vienna, Austria
31. Malaria Clinical Trials Alliance (MCTA) Annual General Meeting, January 2009, Holiday Resort Bagamoyo, Tanzania
32. Gates Institute Global Partners Meeting. October 2008, Nanjing, China
33. Investigator Meeting sponsored by the PATH Malaria Vaccine Initiative (MVI) in collaboration with GlaxoSmithKline Biologicals of Rixensart, September - October 2008, Bedford Hotel Brussels, Belgium
34. 57th Annual Meeting of the American Society for Tropical Medicine and Hygiene. December 2008, Sheraton New Orleans, Louisiana, USA
35. Data and Safety Monitoring Board (DSMB) for the Rotavirus Vaccine, November 2008. Philadelphia Marriott West, USA
36. Investigators’ Meeting sponsored by the PATH Malaria Vaccine Initiative (MVI) in collaboration with GlaxoSmithKline Biologicals of Rixensart, Belgium, June 2008, Holiday Inn Central Brussels, Belgium
37. 36th Annual Conference of American Association of Physician Assistants, May 2008. San Antonio, Texas, USA
38. Data and Safety Monitoring Board (DSMB) for the Rotavirus Vaccine Meeting. April 2008. Grand Hyatt Seattle, Seattle, Washington, USA
39. Data and Safety Monitoring Board (DSMB) for the Rotavirus Vaccine Meeting. October 2007. Hilton Arc de Triomphe, Paris, France
40. Clinical Trials Partnership Committee (CTPC) Meeting of the RTSS vaccine trial,October 2008. Holiday Inn, Accra, Ghana
41. Malaria Clinical Trials Alliance (MCTA) Annual General Meeting for `site leaders meeting, January 2008 in Bagamoyo, Tanzania
42. Clinical Trials Partnership Committee (CTPC) Meeting of the RTSS Vaccine Trial, January, 2008, Sheraton Brussels Hotel, Brussels, Belgium
43. Welcome Trust conference on Genomic Epidemiology of Malaria, June 2008. Welcome Trust Conference Centre, Hinxton, Cambridgeshire, UK
44. 2nd MalariaGEN Network Meeting, June 2007, Welcome Trust Conference Centre, Hinxton, Cambridgeshire, UK
45. A member of a site visit team to the Faculty of Medicine, Addis Ababa University as part of a Gates Institute for Population and Reproductive Health Programme, December 2007
46. Scientific Session and the General Assembly of the African Malaria Network Trust (AMANET), February - March 2007
47. WHO Artesunate Review Panel Meeting. March 2006. WHO, Geneva, Switzerland
48. The 4th International Public Health Workshop organized by the Department of Health, Taiwan, October 2004, Taipei, Taiwan
49. Meeting of the WHO Endpoint Review Committee on Study 13. A randomised, placebo controlled study in Ghana, Tanzania & Bangladesh in which non-per-os patients have been given a single suppository and referred to the nearest hospital, April 2004. Oxford University, Oxford, UK
50. 3rd Annual Partners Meeting, Gates Institute, March 29 - April 4 2004, Boston, MA, USA Leadership forum
51. Workshop on human genome technologies for clinical and epidemiological research on malaria, January 2004. Noguchi Memorial Institute for Medical Research, Legon, Accra, Ghana
52. 2nd Annual Partners Meeting, Gates Institute,December 2003, Baltimore, MD, USA. Leadership Forum: Developing the Next Generation of Family Planning and Reproductive Health Service Providers: Trends and Issues in Workforce Development
53. 1st Annual Partners Meeting, Gates Institute, December 2002, Baltimore, MD, USA Leadership Forum. Building Leading Science and Training Programmes in Population and Reproductive Health
54. Workshop on Health Writing, May 2001. ENT Auditorium. KATH. Convened by BMJ West African edition, UG College of Health Sciences, KNUST School of Medical Sciences
55. Ethical aspects of clinical research in developing countries”, March 2001. Mt. Soche Hotel in Blantyre, Malawi. Sponsored by the NIAID Parasitology and International Programmes Branch and the NIH Bio-ethics Department
56. Ethical Issues in International Health Research, July 2000. Zimbali Lodge, Kwazulu Natal. South Africa. An interactive seminar designed to explore the ethical dimensions of international health research. Co-sponsored by the African Centre for Population Studies and Reproductive Health, Harvard School of Public Health, South African Medical Research Council, Tuft University School of Medicine and the University of Natal, South Africa
57. Meeting of the SMAC Network, March 1999. Durban, South Africa (Third Meeting)
58. Workshop on “Research on tropical Diseases and their Control: From fundamental research to the planning of malaria control trials”, April 1999. Universita Degli Studi di Camerino, Italy
59. Meeting of the Network for Study of Severe Malaria in African Children (SMAC), December 1997. Miami Beach, Florida USA (First Meeting).
60. National Consultative Meeting: Strengthening research in support of Health reforms in Ghana, October 1998. North Ridge Hotel, Accra, Ghana
61. Seventh annual meeting of the NIAID, Centres for Tropical Disease Research. May 1998. Lister Hill Auditorium, Bethesda Maryland, USA
62. Workshop on ‘Problem Solving for Better Health, February 1997, Kumasi. Organized by the Dreyfus Health Foundation
63. Workshop and Training Course, Teaching Physiology, July 1997. St. Petersburg-Repino, Russia. Organized by the Commission on Teaching of Physiology, International Union of Physiological Sciences
64. Sixth Annual Meeting of the National Institute of Allergy & Infectious Disease (NIAID) Centres for Tropical Disease Research, May 1997. Lister Hill Auditorium, Bethesda Maryland, USA
65. Workshop on Strengthening Research in Support of Changes in the Health Sector, November 1997. Novotel, Accra, Ghana
66. Steering and Planning Committee of the DCA/MALA clinical trial meeting.

* First Meeting- January 1997. Solar Building, NIAID, Maryland, USA
* Second Meeting, July 1997. Royal College of Medicine, Building, London, UK
* Third meeting, July 1998. Solar Building, NIAID Maryland, USA

## 9. UNIVERSITIES WHERE I HAVE HELPED ESTABLISH LINKS FOR SMS.

|  |
| --- |
| My association with collaborators in sister universities helped in the enrichment of programmes at SMS. These associations have yielded research grant partnerships, support for our research programmes at the masters and PhD level and support for teaching of under graduate and postgraduate programmes. The collaborations have also encouraged student and faculty exchange. |

1. **University of Utah School of Medicine, Utah USA**: Research, Teaching undergraduate and post graduate students, External Examiners, Sociology and Social Work Programme, Water and Sanitation Programme with College of Engineering
2. **Morehouse School of Medicine, Atlanta GA, USA:** Teaching and Research Support in SMS and other faculties in KNUST, Student exchange programme
3. **Michigan State University, Lansing MI, USA:** Research
4. **University of Michigan, Ann Arbor MI, USA:** Research and Human Resource Development
5. **University of Virginia Medical School, Charlottesville VA, USA**: Research Fellowship Programme to train masters students
6. **Gates Institute, Johns Hopkins University, Baltimore, MD, USA**: Support to establish Reproductive Health Masters Programme. Student and Faculty Research, ICT, Infrastructural Support, Exchange Programmes, Collaborative Research
7. **University of Alabama in Birmingham, AL, USA**: Research, Support for Nursing Programme and mentoring students
8. **Liverpool School of Hygiene and Tropical Medicine, UK:** Support for the Diploma in Project Management and Design programme of KATH
9. **Oxford University, UK:** Research and Scholarship for Student Electives
10. **University of Westminster, UK**: Support for a PhD programme
11. **London School of Hygiene & Tropical Medicine: Malaria Capacity Development Consortium.** Support for PhD programme and Research
12. **HogeSchool Leiden, Netherland**s Disability Project

**10. PUBLICATIONS**

### 10A. JOURNAL PUBLICATIONS

1. Thye T, Evans JA, Ruge G, Loag W, Ansong D, **Agbenyega T**, Horstmann RD, May J, Schuldt K. (2021) Human genetic variant E756del in the ion channel PIEZO1 not associated with protection from severe malaria in a large Ghanaian study. J Hum Genet. 2021 Jul 7. doi: 10.1038/s10038-021-00958-2. Online ahead of print. PMID: 34230590
2. Ackermn H, Ayestaran A, Olola CHO, Jallow M, **Agbenyega T**, Bojang K, Roberts DJ, Krishna S, Kremsner PG, Newton CR, Taylor T, Valim C, Casals-Pascual C. (2020). The effect of blood transfusion on outcomes among African children admitted to hospital with Plasmodium falciparum malaria: a prospective, multicentre observational study. Lancet Haematol. 2020 Nov;7(11):e789-e797. doi: 10.1016/S2352-3026(20)30288-X. PMID: 33091354
3. Postels DG, Osei-Tutu L, Seydel KB, Xu Q, Li C, Taylor TE, John CC, Mallewa M, Solomon T, Agbenyega T, Ansong D, Opoka RO, Khan LM, Leon KE, DeRisi JL, Langelier C, Wilson MR (2020). . Central Nervous System Virus Infection in African Children with Cerebral Malaria. Am J Trop Med Hyg. Apr 27. doi: 10.4269/ajtmh.19-0962. Online ahead of print.PMID: 32342847
4. Asante KP, Ansong D, Kaali S, Adjei S, Lievens M, Nana Badu L, Agyapong Darko P, Boakye Yiadom Buabeng P, Boahen O, Maria Rettig T, Agutu C, Benard Ekow Harrison S, Ntiamoah Y, Adomako Anim J, Adeniji E, Agordo Dornudo A, Gvozdenovic E, Dosoo D, Sambian D, Owusu-Boateng H, Ato Wilson E, Prempeh F, Vandoolaeghe P, Schuerman L, Owusu-Agyei S, **Agbenyega** T, Ofori-Anyinam O (2020). Immunogenicity and safety of the RTS,S/AS01 malaria vaccine co-administered with measles, rubella and yellow fever vaccines in Ghanaian children: A phase IIIb, multi-center, non-inferiority, randomized, open, controlled trial. Vaccine. Apr 16;38 (18):3411-3421.
5. Valéa I, Adjei S, Usuf E, Traore O, Ansong D, Tinto H, Owusu Boateng H, Some AM, Buabeng P, Vekemans J, Kotey A, Vandoolaeghe P, Cullinane M, Traskine M, Ouedraogo F, Sambian D, Lievens M, Tahita MC, Jongert E, Lompo P, Idriss A, Borys D, Ouedraogo S, Prempeh F, Schuerman L, Sorgho H, **Agbenyega T** (2020). Long-term immunogenicity and immune memory response to the hepatitis B antigen in the RTS,S/AS01<sub>E</sub> malaria vaccine in African children: a randomized trial. Hum Vaccin Immunother. 2020 Jan 17:1-7
6. Otieno L, Guerra Mendoza Y, Adjei S, **Agbenyega T**, Agnandji ST, Aide P, Akoo P, Ansong D, Asante KP, Berkley JA, Gesase S, Hamel MJ, Hoffman I, Kaali S, Kamthunzi P, Kariuki S, Kremsner P, Lanaspa M, Lell B, Lievens M, Lusingu J, Malabeja A, Masoud NS, Mtoro AT, Njuguna P, Ofori-Anyinam O, Otieno GA, Otieno W, Owusu-Agyei S, Schuerman L, Sorgho H, Tanner M, Tinto H, Valea I, Vandoolaeghe P, Sacarlal J, Oneko M. (2020) Safety and immunogenicity of the RTS,S/AS01 malaria vaccine in infants and children identified as HIV-infected during a randomized trial in sub-Saharan Africa. Vaccine. Volume 38, Issue 4, 22 January 2020, Pages 897-906
7. **Malaria Genomic Epidemiology Network**. (2019). Insights into malaria susceptibility using genome-wide data on 17,000 individuals from Africa, Asia and Oceania. Nat Commun. Dec 16;10(1):5732.
8. Scheu K, Adegnika AA, Addo MM, Ansong D, Cramer JP, Fürst S, Kremsner PG, Kurth F, Jacobs T, May J, Ramharter M, Sylverken J, Vinnemeier CD, **Agbenyega T**, Rolling T. (2019) Determinants of post-malarial anemia in African children treated with parenteral artesunate. Sci Rep. Dec 2;9(1):18134
9. Velavan TP, Nderu D, **Agbenyega T**, Ntoumi F, Kremsner PG. (2019) An alternative dogma on reduced artemisinin susceptibility: A new shadow from east to west. Proc Natl Acad Sci U S A. Jun 25;116(26):12611-12612.

# [Yolanda Guerra Mendoza](https://www.tandfonline.com/author/Guerra+Mendoza%2C+Yolanda),  [Elodie Garric](https://www.tandfonline.com/author/Garric%2C+Elodie), [Amanda Leach](https://www.tandfonline.com/author/Leach%2C+Amanda), [Marc Lievens](https://www.tandfonline.com/author/Lievens%2C+Marc), [Opokua Ofori-Anyinam](https://www.tandfonline.com/author/Ofori-Anyinam%2C+Opokua), [Jean-Yves Pirçon](https://www.tandfonline.com/author/Pir%C3%A7on%2C+Jean-Yves), [Jens-Ulrich Stegmann](https://www.tandfonline.com/author/Stegmann%2C+Jens-Ulrich), [Pascale Vandoolaeghe](https://www.tandfonline.com/author/Vandoolaeghe%2C+Pascale), [Lucas Otieno](https://www.tandfonline.com/author/Otieno%2C+Lucas), [Walter Otieno](https://www.tandfonline.com/author/Otieno%2C+Walter), [Seth Owusu-Agyei](https://www.tandfonline.com/author/Owusu-Agyei%2C+Seth), [Jahit Sacarlal](https://www.tandfonline.com/author/Sacarlal%2C+Jahit)  [Nahya Salim Masoud](https://www.tandfonline.com/author/Masoud%2C+Nahya+Salim)  [Hermann Sorgho](https://www.tandfonline.com/author/Sorgho%2C+Hermann), [Marcel Tanner](https://www.tandfonline.com/author/Tanner%2C+Marcel), [Halidou Tinto](https://www.tandfonline.com/author/Tinto%2C+Halidou), [Innocent Valea](https://www.tandfonline.com/author/Valea%2C+Innocent), [Ali Takadir Mtoro](https://www.tandfonline.com/author/Mtoro%2C+Ali+Takadir), [Patricia Njuguna](https://www.tandfonline.com/author/Njuguna%2C+Patricia), [Martina Oneko](https://www.tandfonline.com/author/Oneko%2C+Martina) , [Godfrey Allan Otieno](https://www.tandfonline.com/author/Otieno%2C+Godfrey+Allan), [Kephas Otieno](https://www.tandfonline.com/author/Otieno%2C+Kephas), [Samwel Gesase](https://www.tandfonline.com/author/Gesase%2C+Samwel), [Mary J Hamel](https://www.tandfonline.com/author/Hamel%2C+Mary+J), [Irving Hoffman](https://www.tandfonline.com/author/Hoffman%2C+Irving), [Seyram Kaali](https://www.tandfonline.com/author/Kaali%2C+Seyram) , [Portia Kamthunzi](https://www.tandfonline.com/author/Kamthunzi%2C+Portia), [Peter Kremsner](https://www.tandfonline.com/author/Kremsner%2C+Peter), [Miguel Lanaspa](https://www.tandfonline.com/author/Lanaspa%2C+Miguel), [Bertrand Lell](https://www.tandfonline.com/author/Lell%2C+Bertrand), [John Lusingu](https://www.tandfonline.com/author/Lusingu%2C+John) , [Anangisye Malabeja](https://www.tandfonline.com/author/Malabeja%2C+Anangisye), [Pedro Aide](https://www.tandfonline.com/author/Aide%2C+Pedro) , [Pauline Akoo](https://www.tandfonline.com/author/Akoo%2C+Pauline), [Daniel Ansong](https://www.tandfonline.com/author/Ansong%2C+Daniel), [Kwaku Poku Asante](https://www.tandfonline.com/author/Asante%2C+Kwaku+Poku), [James A Berkley](https://www.tandfonline.com/author/Berkley%2C+James+A), [Samuel Adjei](https://www.tandfonline.com/author/Adjei%2C+Samuel), [Tsiri Agbenyega](https://www.tandfonline.com/author/Agbenyega%2C+Tsiri), [Selidji Todagbe Agnandji](https://www.tandfonline.com/author/Agnandji%2C+Selidji+Todagbe) & [Lode Schuerman](https://www.tandfonline.com/author/Schuerman%2C+Lode) (2019). Safety profile of the RTS,S/AS01 malaria vaccine in infants and children: additional data from a phase III randomized controlled trial in sub-Saharan Africa. Hum Vaccin Immunother. Apr 23:1-13

1. Ndila CM, Uyoga S, Macharia AW, Nyutu G, Peshu N, Ojal J, Shebe M, Awuondo KO, Mturi N, Tsofa B, Sepúlveda N, Clark TG, Band G, Clarke G, Rowlands K, Hubbart C, Jeffreys A, Kariuki S, Marsh K, Mackinnon M, Maitland K, Kwiatkowski DP, Rockett KA, Williams TN; **MalariaGEN Consortium**. (2018). Human candidate gene polymorphisms and risk of severe malaria in children in Kilifi, Kenya: a case-control association study. Lancet Haematol. Aug;5(8):e333-e345.
2. Kanter J, Heath LE, Knorr J, **Agbenyega ET**, Colombatti R, Dampier C, Hassab H, Manwani D, Robitaille N, Brown PB, Jakubowski JA, Yao S, Hoppe C. (2018). Novel findings from the multinational DOVE study on geographic and age-related differences in pain perception and analgesic usage in children with sickle cell anaemia. Br J Haematol. 2019 Mar;184(6):1058-1061
3. Early AM, Lievens M, MacInnis BL, Ockenhouse CF, Volkman SK, Adjei S, **Agbenyega T**, Ansong D, Gondi S, Greenwood B, Hamel M, Odero C, Otieno K, Otieno W, Owusu-Agyei S, Asante KP, Sorgho H, Tina L, Tinto H, Valea I, Wirth DF, Neafsey DE. Host-mediated selection impacts the diversity of Plasmodium falciparum antigens within infections. Nat Commun. 2018 Apr 11;9 (1):1381
4. Valéa I, Adjei S, Usuf E, Traore O, Ansong D, Tinto H, Owusu Boateng H, Leach A, Mwinessobaonfou Some A, Buabeng P, Vekemans J, Nana LA, Kotey A, Vandoolaeghe P, Ouedraogo F, Sambian D, Lievens M, Tahita MC, Rettig T, Jongert E, Lompo P, Idriss A, Borys D, Ouedraogo S, Prempeh F, Habib MA, Schuerman L, Sorgho H, **Agbenyega T** (2018). Immune T.response to the hepatitis B antigen in the RTS,S/AS01 malaria vaccine, and co-administration with pneumococcal conjugate and rotavirus vaccines in African children: A randomized controlled trial. Hum Vaccin Immunother. 2018 Jun 3;14(6):1489-1500.
5. Drakeley C, Abdulla S, Agnandji ST, Fernandes JF, Kremsner P, Lell B, Mewono L, Bache BE, Mihayo MG, Juma O, Tanner M, Tahita MC, Tinto H, Diallo S, Lompo P, D'Alessandro U, Ogutu B, Otieno L, Otieno S, Otieno W, Oyieko J, Asante KP, Dery DB, Adjei G, Adeniji E, Atibilla D, Owusu-Agyei S, Greenwood B, Gesase S, Lusingu J, Mahende C, Mongi R, Segeja M, Adjei S, **Agbenyega T**, Agyekum A, Ansong D, Bawa JT, Boateng HO, Dandalo L, Escamilla V, Hoffman I, Maenje P, Martinson F, Carter T, Leboulleux D, Kaslow DC, Usuf E, Pirçon JY, Bahmanyar ER.(2017). Longitudinal estimation of Plasmodium falciparum prevalence in relation to malaria prevention measures in six sub-Saharan African countries. Malar J. Oct 27;16(1):433.
6. Dejaco D, Aregger FC, Hurth HV, Kegele J, Muigg V, Oberhammer L, Bunk S, Fischer N, Pinggera L, Riedl D, Otieno A, **Agbenyega T**, Adegnika AA, Riechelmann H, Lackner P, Zorowka P, Kremsner P, Schmutzhard J. (2017). Evaluation of transient-evoked otoacoustic emissions in a healthy 1 to 10 year pediatric cohort in Sub-Saharan Africa. Int J Pediatr Otorhinolaryngol. Oct;101:65-69.
7. Heath LE, Heeney MM, Hoppe CC, Adjei S, **Agbenyega T**, Badr M, Masera N, Zhou C, Brown PB, Jakubowski JA, Dampier C. (2017) Successful utilization of an electronic pain diary in a multinational phase 3 interventional study of pediatric sickle cell anemia. Clin Trials. Dec;14(6):563-571
8. Nguetse CN, Adegnika AA, **Agbenyega T**, Ogutu BR, Krishna S, Kremsner PG, Velavan TP. (2017). Molecular markers of anti-malarial drug resistance in Central, West and East African children with severe malaria. Malar J. 2017 May 23;16(1):217.
9. Schuldt K, Ehmen C, Sievertsen J, Evans J, May J, Ansong D, Muntau B, Ruge G, Timmann C, **Agbenyega T**, Horstmann RD, Thye T. (2017) Lack of Association of CD55 Receptor Genetic Variants and Severe Malaria in Ghanaian Children. G3 (Bethesda). Mar 10;7(3):859-864.
10. Clarke GM, Rockett K, Kivinen K, Hubbart C, Jeffreys AE, Rowlands K, Jallow M, Conway DJ, Bojang KA, Pinder M, Usen S, Sisay-Joof F, Sirugo G, Toure O, Thera MA, Konate S, Sissoko S, Niangaly A, Poudiougou B, Mangano VD, Bougouma EC, Sirima SB, Modiano D, Amenga-Etego LN, Ghansah A, Koram KA, Wilson MD, Enimil A, Evans J, Amodu OK, Olaniyan S, Apinjoh T, Mugri R, Ndi A, Ndila CM, Uyoga S, Macharia A, Peshu N, Williams TN, Manjurano A, Sepúlveda N, Clark TG, Riley E, Drakeley C, Reyburn H, Nyirongo V, Kachala D, Molyneux M, Dunstan SJ, Phu NH, Quyen NN, Thai CQ, Hien TT, Manning L, Laman M, Siba P, Karunajeewa H, Allen S, Allen A, Davis TM, Michon P, Mueller I, Molloy SF, Campino S, Kerasidou A, Cornelius VJ, Hart L, Shah SS, Band G, Spencer CC, **Agbenyega T**, Achidi E, Doumbo OK, Farrar J, Marsh K, Taylor T, Kwiatkowski DP; MalariaGEN Consortium.(2017) Characterisation of the opposing effects of G6PD deficiency on cerebral malaria and severe malarial anaemia. Elife. Jan 9;6. pii: e15085. doi: 10.7554/eLife.15085.
11. Nguetse CN, Meyer CG, Adegnika AA, **Agbenyega T**, Ogutu BR, Kremsner PG, Velavan TP2016 Glucose-6-phosphate dehydrogenase deficiency and reduced haemoglobin levels in African children with severe malaria. . Malar J. Jul 7;15(1):346. doi: 10.1186/s12936-016-1396-1.
12. Busby GB, Band G, Si Le Q, Jallow M, Bougama E, Mangano VD, Amenga-Etego LN, Enimil A, Apinjoh T, Ndila CM, Manjurano A, Nyirongo V, Doumba O, Rockett KA, Kwiatkowski DP, Spencer CC; **Malaria Genomic Epidemiology Network**. (2016) [Admixture into and within sub-Saharan Africa.](https://www.ncbi.nlm.nih.gov/pubmed/27324836) Elife. Jun 21;5. pii: e15266. doi: 10.7554/eLife.15266.
13. Agyekum A, Fajardo-Lubián A, Ansong D, Partridge SR, **Agbenyega T**, Iredell JR. (2016) blaCTX-M-15 carried by IncF-type plasmids is the dominant ESBL gene in Escherichia coli and Klebsiella pneumoniae at a hospital in Ghana. Diagn Microbiol Infect Dis. Apr; 84(4):328-33.
14. Kremsner PG, Adegnika AA, Hounkpatin AB, Zinsou JF, Taylor TE, Chimalizeni Y, Liomba A, Kombila M, Bouyou-Akotet MK, Mawili Mboumba DP, **Agbenyega T**, Ansong D, Sylverken J, Ogutu BR, Otieno GA, Wangwe A, Bojang KA, Okomo U, Sanya-Isijola F, Newton CR, Njuguna P, Kazungu M, Kerb R, Geditz M, Schwab M, Velavan TP, Nguetse C, Köhler C, Issifou S, Bolte S, Engleitner T, Mordmüller B, Krishna S. (2016). Intramuscular Artesunate for Severe Malaria in African Children: A Multicenter Randomized Controlled Trial. PLoS Med. 2016 Jan 12;13(1):e1001938. doi: 10.1371/journal.pmed.1001938
15. Heeney MM, Hoppe CC, Abboud MR, Inusa B, Kanter J, Ogutu B, Brown PB, Heath LE, Jakubowski JA, Zhou C, Zamoryakhin D, **Agbenyega T**, Colombatti R, Hassab HM, Nduba VN, Oyieko JN, Robitaille N, Segbefia CI, Rees DC; DOVE Investigators (2016). A Multinational Trial of Prasugrel for Sickle Cell Vaso-Occlusive Events. N Engl J Med. 2016 Feb 18;374(7):625-35
16. Neafsey DE, Juraska M, Bedford T, Benkeser D, Valim C, Griggs A, Lievens M, Abdulla S, Adjei S, **Agbenyega T**, Agnandji ST, Aide P, Anderson S, Ansong D, Aponte JJ, Asante KP, Bejon P, Birkett AJ, Bruls M, Connolly KM, D'Alessandro U, Dobaño C, Gesase S, Greenwood B, Grimsby J, Tinto H, Hamel MJ, Hoffman I, Kamthunzi P, Kariuki S, Kremsner PG, Leach A, Lell B, Lennon NJ, Lusingu J, Marsh K, Martinson F, Molel JT, Moss EL, Njuguna P, Ockenhouse CF, Ragama Ogutu B, Otieno W, Otieno L, Otieno K, Owusu-Agyei S, Park DJ, Pellé K, Robbins D, Russ C, Ryan EM, Sacarlal J, Sogoloff B, Sorgho H, Tanner M, Theander T, Valea I, Volkman SK, Yu Q, Lapierre D, Birren BW, Gilbert PB, Wirth DF (2015) Genetic Diversity and Protective Efficacy of the RTS,S/AS01 Malaria Vaccine. N Engl J Med. 2015 Oct 21
17. **Malaria Genomic Epidemiology Network**; Writing group; Data analysis; Project management; Study site lead investigators; Clinical data and sample collection; Sample processing, genotyping, data management and project coordination; Sample processing genotyping data management and project coordination. A novel locus of resistance to severe malaria in a region of ancient balancing selection. Nature. 2015 Sep 30. doi: 10.1038/nature15390. [Epub ahead of print]
18. White MT, Verity R, Griffin JT, Asante KP, Owusu-Agyei S, Greenwood B, Drakeley C, Gesase S, Lusingu J, Ansong D, Adjei S, **Agbenyega T**, Ogutu B, Otieno L, Otieno W, Agnandji ST, Lell B, Kremsner P, Hoffman I, Martinson F, Kamthunzu P, Tinto H, Valea I, Sorgho H, Oneko M, Otieno K, Hamel MJ, Salim N, Mtoro A, Abdulla S, Aide P, Sacarlal J, Aponte JJ, Njuguna P, Marsh K, Bejon P, Riley EM, Ghani AC. (2015) Immunogenicity of the RTS,S/AS01 malaria vaccine and implications for duration of vaccine efficacy: secondary analysis of data from a phase 3 randomised controlled trial.Lancet Infect Dis. 2015 Sep 2. pii: S1473-3099(15)00239-X. doi: 10.1016/S1473-3099(15)00239-X. [Epub ahead of print]
19. RTS,S Clinical Trials Partnership. Efficacy and safety of RTS,S/AS01 malaria vaccine with or without a booster dose in infants and children in Africa: final results of a phase 3, individually randomised, controlled trial. (2015) Lancet. 2015 Jul 4;386(9988):31-45. doi: 10.1016/S0140-6736(15)60721-8. Epub 2015 Apr 23.
20. Schmutzhard J, Lackner P, Helbok R, Hurth HV, Aregger FC, Muigg V, Kegele J, Bunk S, Oberhammer L, Fischer N, Pinggera L, Otieno A, Ogutu B, **Agbenyega T**, Ansong D, Adegnika AA, Issifou S, Zorowka P, Krishna S, Mordmüller B, Schmutzhard E, Kremsner P. Severe malaria in children leads to a significant impairment of transitory otoacoustic emissions--a prospective multicenter cohort study. BMC Med. 2015 May 28;13:125.
21. Kegele J, Hurth H, Lackner P, Enimil A, Sylverkin J, Ansong D, Nkyi C, Bonsu B, **Agbenyega T,** Schartinger VH, Schmutzhard E, Zorowka P, Kremsner P, Schmutzhard J. Otoacoustic emission testing in Ghanaian children with sickle-cell disease. Trop Med Int Health. 2015 May 5. doi: 10.1111/tmi.12533. [Epub ahead of print]
22. Rolling T, **Agbenyega T**, Krishna S, Kremsner PG, Cramer JP. (2015) Delayed haemolysis after artesunate treatment of severe malaria - Review of the literature and perspective Travel Med Infect Dis. 2015 Mar-Apr;13 (2):143-149
23. Kathrin Schuldt, Christa Ehmen, Jennifer Evans, Juergen May, Daniel Ansong, Juergen Sievertsen, Birgit Muntau, Gerd Ruge, **Tsiri Agbenyega**, Rolf D. Horstmann (2014). Endothelial protein C receptor gene variants not associated with severe malaria in Ghanaian children. PLoS One. 2014 Dec 26;9 (12):e115770.
24. Malaria Genomic Epidemiology Network. Reappraisal of known malaria resistance loci in a large multicenter study. Nat Genet. 2014 Nov;46 (11):1197-204. Sep 28.
25. RTS,S Clinical Trials Partnership (2014) Efficacy and safety of the RTS,S/AS01 malaria vaccine during 18 months after vaccination: a phase 3 randomized, controlled trial in children and young infants at 11 African sites. PLoS Med. Jul 29;11 (7): e1001685. doi: 10.1371/journal.pmed.
26. White MT, Bejon P, Olotu A, Griffin JT, Bojang K, Lusingu J, Salim N, Abdulla S, Otsyula N, Agnandji ST, Lell B, Asante K, Owusu-Agyei S, Mahama E, **Agbenyega T**, Ansong D, Sacarlal J, Aponte JJ, Ghani AC. (2014). A combined analysis of immunogenicity, antibody kinetics and vaccine efficacy from phase 2 trials of the RTS,S malaria vaccine. BMC Med. Jul 10;12(1):117.
27. [Thierry Rolling](https://www.researchgate.net/researcher/35533120_Thierry_Rolling/), [**Tsiri Agbenyega**](https://www.researchgate.net/researcher/50669387_Tsiri_Agbenyega/), [Saadou Issifou](https://www.researchgate.net/researcher/38264406_Saadou_Issifou/), [Ayola Akim Adegnika](https://www.researchgate.net/researcher/2040930302_Ayola_Akim_Adegnika/), [Justice Sylverken](https://www.researchgate.net/researcher/39463753_Justice_Sylverken/), [Dorothee Spahlinger](https://www.researchgate.net/researcher/2034619997_Dorothee_Spahlinger/), [Daniel Ansong](https://www.researchgate.net/researcher/38121473_Daniel_Ansong/), [Sascha JZ Löhr](https://www.researchgate.net/researcher/2040932851_Sascha_JZ_Loehr/), [Gerd D Burchard](https://www.researchgate.net/researcher/2040930936_Gerd_D_Burchard/), [Jürgen May](https://www.researchgate.net/researcher/63759749_Juergen_May/), [Benjamin Mordmüller](https://www.researchgate.net/researcher/53795574_Benjamin_Mordmueller/), [Saneev Krishna](https://www.researchgate.net/researcher/2040934052_Saneev_Krishna/), [Peter G Kremsner](https://www.researchgate.net/researcher/38125778_Peter_G_Kremsner/), [Jakob P Cramer](https://www.researchgate.net/researcher/38673386_Jakob_P_Cramer/) Delayed hemolysis after treatment with parenteral artesunate in African children with severe malaria – a double-center prospective study. (2014) The Journal of Infectious Diseases (Impact Factor: J Infect Dis. Jan 29
28. C. Opoku-Okrah, M. Gordge2, E. Kweku Nakua, **T. Agbenyega**, M. Parry, C. Robertson, C. L. Smith, An investigation of the protective effect of alpha+-thalassaemia against severe Plasmodium falciparum amongst children in Kumasi, Ghana, Int J Lab Hematol. 2013 Jul 10. doi: 10.1111/ijlh.12122. [Epub ahead of print]
29. Schwandt HM, Creanga AA, Adanu RM, Danso KA, **Agbenyega T**, Hindin MJ. Contraception. Pathways to unsafe abortion in Ghana: the role of male partners, women and health care providers (2013) Mar 22. Contraception. 2013 Oct;88(4):509-17.
30. Schwandt HM, Creanga AA, Danso KA, Adanu RM, **Agbenyega T**, Hindin MJ.Contraception. Group versus individual family planning counseling in Ghana: a randomized, noninferiority trial. (2013) Mar 22. doi:pii: Contraception. 2013 Aug;88(2):281-8
31. Kariuki SM, Rockett K, Clark TG, Reyburn H, **Agbenyega T,** Taylor TE, Birbeck GL, Williams TN, Newton CR. Epilepsia. The genetic risk of acute seizures in African children with falciparum malaria (2013) Jun;54(6):990-1001. doi: 10.1111/epi.12173
32. Kendjo E, **Agbenyega T,** Bojang K, Newton CR, Bouyou-Akotet M, Pedross F, Kombila M, Helbok R, Kremsner PG. Mortality patterns and site heterogeneity of severe malaria in African children. (2013).PLoS One.;8(3):e58686. doi:
33. Idoko OT, Kochhar S, **Agbenyega TE**, Ogutu B, Ota MO. Impact, challenges, and future projections of vaccine trials in Africa. Am J Trop Med Hyg. 2013 Mar;88(3):414-9.
34. RTS,S Clinical Trials Partnership, Agnandji ST, Lell B, Fernandes JF, Abossolo BP, Methogo BG, Kabwende AL, Adegnika AA, Mordmüller B, Issifou S, Kremsner PG, Sacarlal J, Aide P, Lanaspa M, Aponte JJ, Machevo S, Acacio S, Bulo H, Sigauque B, Macete E, Alonso P, Abdulla S, Salim N, Minja R, Mpina M, Ahmed S, Ali AM, Mtoro AT, Hamad AS, Mutani P, Tanner M, Tinto H, D'Alessandro U, Sorgho H, Valea I, Bihoun B, Guiraud I, Kaboré B, Sombié O, Guiguemdé RT, Ouédraogo JB, Hamel MJ, Kariuki S, Oneko M, Odero C, Otieno K, Awino N, McMorrow M, Muturi-Kioi V, Laserson KF, Slutsker L, Otieno W, Otieno L, Otsyula N, Gondi S, Otieno A, Owira V, Oguk E, Odongo G, Woods JB, Ogutu B, Njuguna P, Chilengi R, Akoo P, Kerubo C, Maingi C, Lang T, Olotu A, Bejon P, Marsh K, Mwambingu G, Owusu-Agyei S, Asante KP, Osei-Kwakye K, Boahen O, Dosoo D, Asante I, Adjei G, Kwara E, Chandramohan D, Greenwood B, Lusingu J, Gesase S, Malabeja A, Abdul O, Mahende C, Liheluka E, Malle L, Lemnge M, Theander TG, Drakeley C, Ansong D, **Agbenyega T**, Adjei S, Boateng HO, Rettig T, Bawa J, Sylverken J, Sambian D, Sarfo A, Agyekum A, Martinson F, Hoffman I, Mvalo T, Kamthunzi P, Nkomo R, Tembo T, Tegha G, Tsidya M, Kilembe J, Chawinga C, Ballou WR, Cohen J, Guerra Y, Jongert E, Lapierre D, Leach A, Lievens M, Ofori-Anyinam O, Olivier A, Vekemans J, Carter T, Kaslow D, Leboulleux D, Loucq C, Radford A, Savarese B, Schellenberg D, Sillman M, Vansadia P. A phase 3 trial of RTS,S/AS01 malaria vaccine in African infants. N Engl J Med. 2012 Dec 13; 367 (24):2284-95.
35. Timmann C, Thye T, Vens M, Evans J, May J, Ehmen C, Sievertsen J, Muntau B, Ruge G, Loag W, Ansong D, Antwi S, Asafo-Adjei E, Nguah SB, Kwakye KO, Akoto AO, Sylverken J, Brendel M, Schuldt K, Loley C, Franke A, Meyer CG, **Agbenyega T**, Ziegler A, Horstmann RD. (2012) Genome-wide association study indicates two novel resistance loci for severe malaria. Nature. Aug 15. doi: 10.1038/nature11334
36. von Seidlein L, Olaosebikan R, Hendriksen IC, Lee SJ, Adedoyin OT, **Agbenyega T**, Nguah SB, BojangK, Deen JL, Evans J, Fanello CI, Gomes E, Pedro AJ, Kahabuka C, Karema C, Kivaya E, Maitland K, Mokuolu OA, Mtove G, Mwanga-Amumpaire J, Nadjm B, Nansumba M, Ngum WP, Onyamboko MA, Reyburn H, Sakulthaew T, Silamut K, Tshefu AK, Umulisa N, Gesase S, Day NP, White NJ, Dondorp AM. (2012). Predicting the Clinical Outcome of Severe Falciparum Malaria in African Children: Findings From a Large Randomized Trial. Clin Infect Dis. 2012 Mar 12. Clin Infect Dis. 2012 Apr; 54(8):1080-90.
37. Agnandji ST, Lell B, Soulanoudjingar SS, Fernandes JF, Abossolo BP, Conzelmann C, Methogo BG, Doucka Y, Flamen A, Mordmüller B, Issifou S, Kremsner PG, Sacarlal J, Aide P, Lanaspa M, Aponte JJ, Nhamuave A, Quelhas D, Bassat Q, Mandjate S, Macete E, Alonso P, Abdulla S, Salim N, Juma O, Shomari M, Shubis K, Machera F, Hamad AS, Minja R, Mtoro A, Sykes A, Ahmed S, Urassa AM, Ali AM, Mwangoka G, Tanner M, Tinto H, D'Alessandro U, Sorgho H, Valea I, Tahita MC, Kaboré W, Ouédraogo S, Sandrine Y, Guiguemdé RT, Ouédraogo JB, Hamel MJ, Kariuki S, Odero C, Oneko M, Otieno K, Awino N, Omoto J, Williamson J, Muturi-Kioi V, Laserson KF, Slutsker L, Otieno W, Otieno L, Nekoye O, Gondi S, Otieno A, Ogutu B, Wasuna R, Owira V, Jones D, Onyango AA, Njuguna P, Chilengi R, Akoo P, Kerubo C, Gitaka J, Maingi C, Lang T, Olotu A, Tsofa B, Bejon P, Peshu N, Marsh K, Owusu-Agyei S, Asante KP, Osei-Kwakye K, Boahen O, Ayamba S, Kayan K, Owusu-Ofori R, Dosoo D, Asante I, Adjei G, Adjei G, Chandramohan D, Greenwood B, Lusingu J, Gesase S, Malabeja A, Abdul O, Kilavo H, Mahende C, Liheluka E, Lemnge M, Theander T, Drakeley C, Ansong D, **Agbenyega T**, Adjei S, Boateng HO, Rettig T, Bawa J, Sylverken J, Sambian D, Agyekum A, Owusu L, Martinson F, Hoffman I, Mvalo T, Kamthunzi P, Nkomo R, Msika A, Jumbe A, Chome N, Nyakuipa D, Chintedza J, Ballou WR, Bruls M, Cohen J, Guerra Y, Jongert E, Lapierre D, Leach A, Lievens M, Ofori-Anyinam O, Vekemans J, Carter T, Leboulleux D, Loucq C, Radford A, Savarese B, Schellenberg D, Sillman M, Vansadia P; RTS,S Clinical Trials Partnership. First results of phase 3 trial of RTS,S/AS01 malaria vaccine in African children. N Engl J Med. 2011 Nov 17;365 (20): 1863-75.
38. Swysen C, Vekemans J, Bruls M, Oyakhirome S, Drakeley C, Kremsner P, Greenwood B, Ofori-Anyinam O, Okech B, Villafana T, Carter T, Savarese B, Duse A, Reijman A, Ingram C, Frean J, Ogutu B; for Clinical Trials Partnership Committee. Development of standardized laboratory methods and quality processes for a phase III study of the RTS, S/AS01 candidate malaria vaccine Malar J. 2011 Aug 4;10:223.
39. Schwandt HM, [Creanga AA](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Creanga%20AA%22%5BAuthor%5D), [Danso KA](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Danso%20KA%22%5BAuthor%5D), [Adanu RM](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Adanu%20RM%22%5BAuthor%5D), [**Agbenyega T**](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Agbenyega%20T%22%5BAuthor%5D), [Hindin MJ](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Hindin%20MJ%22%5BAuthor%5D)., A comparison of women with induced abortion, spontaneous abortion and ectopic pregnancy in Ghana. Contraception. 2011 Jul; 84(1):87-93.
40. Schuldt K, Kretz CC, Timmann C, Sievertsen J, Ehmen C, Esser C, Loag W, Ansong D, Dering C, Evans J, Ziegler A, May J, Krammer PH, **Agbenyega T**, Horstmann RD. (2011) A -436C>A Polymorphism in the Human FAS Gene Promoter Associated with Severe Childhood Malaria. PLoS Genet. May;7(5):e1002066. Epub 2011 May 19.
41. Ansong D, Asante KP, Vekemans J, Owusu SK, Owusu R, Brobby NA, Dosoo D, Osei-Akoto A, Osei-Kwakye K, Asafo-Adjei E, Boahen KO, Sylverken J, Adjei G, Sambian D, Apanga S, Kayan K, Janssens MH, Lievens MJ, Olivier AC, Jongert E, Dubois P, Savarese BM, Cohen J, Antwi S, Greenwood BM, Evans JA, **Agbenyega T**, Moris PJ, Owusu-Agyei S. 2011 [T Cell Responses to the RTS,S/AS01(E) and RTS,S/AS02(D) Malaria Candidate Vaccines Administered According to Different Schedules to Ghanaian Children.](http://www.ncbi.nlm.nih.gov/pubmed/21556142) PLoS One. Apr 27;6(4):e18891.
42. Dondorp AM, Fanello CI, Hendriksen IC, Gomes E, Seni A, Chhaganlal KD, Bojang K, Olaosebikan R, Anunobi N, Maitland K, Kivaya E, **Agbenyega T**, Nguah SB, Evans J, Gesase S, Kahabuka C, Mtove G, Nadjm B, Deen J, Mwanga-Amumpaire J, Nansumba M, Karema C, Umulisa N, Uwimana A, Mokuolu OA, Adedoyin OT, Johnson WB, Tshefu AK, Onyamboko MA, Sakulthaew T, Ngum WP, Silamut K, Stepniewska K, Woodrow CJ, Bethell D, Wills B, Oneko M, Peto TE, von Seidlein L, Day NP, White NJ; AQUAMAT group (2010). Artesunate versus quinine in the treatment of severe falciparum malaria in African children (AQUAMAT): an open-label, randomised trial. Lancet. Nov 13; 376 (9753) :1647-57. Erratum in: Lancet. Jan 8; 377 (9760): 126
43. Oni G, Fatusi A, Tsui A, Enquselassie F, Ojengbede O, **Agbenyega T**, Ojofeitimi E, Taulo F, Quakyi I. (2010) Strengthening public health education in population and reproductive health through an innovative academic partnership in Africa: The Gates partners experience Glob Public Health, 6(2): 193-209
44. Yatich, N., Funkhouser, E., Ehiri, J., **Agbenyega, T**., Stiles, J.K., Rayner, J., Turpin, A., Ellis, W.O., Jiang, Y., Williams, J.H., Afriyie-Gwayu, E. and Phillips, T.D. and Jolly, P.E.. (2010) Malaria and intestinal helminths and other risk factors for stillbirth in Ghana, , Infect Dis Obstet Gynecol. 2010:350763.
45. Yatich NJ, [Jolly PE](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Jolly%20PE%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract), Funkhouser E, **Agbenyega T**, Rayner JC, Ehiri JE, Turpin A, Stiles JK, Ellis WO, Jiang Y, Williams JH. (2010). The effect of malaria and intestinal helminth co-infection on birth outcomes in Kumasi, Ghana. Am J Trop Med Hyg. Jan;82(1): 28-34
46. Tiono AB, Dicko A, Ndububa DA, **Agbenyega T**, Pitmang S, Awobusuyi J, Pamba A, Duparc S, Goh LE, Harrell E, Carter N, Ward SA, Greenwood B, Winstanley PA. (2009). Chlorproguanil-dapsone-artesunate versus chlorproguanil-dapsone: a randomized, double blind, phase III trial in African children, adolescents, and adults with uncomplicated Plasmodium falciparum malaria. Am J Trop Med Hyg. 81(6): 969-78
47. Schuldt K, Esser C, Evans J, May J, Timmann C, Ehmen C, Loag W, Ansong D, Ziegler A, **Agbenyega T**, Meyer CG, Horstmann RD. FCGR2A functional genetic variant associated with susceptibility to severe malarial anemia in Ghanaian children. J Med Genet. 2009 Dec 3
48. Parker M, Bull SJ, de Vries J, **Agbenyega T**, Doumbo OK, Kwiatkowski DP (2009) [Ethical data release in genome-wide association studies in developing countries.](http://www.ncbi.nlm.nih.gov/pubmed/19956792?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=3) PLoS Med. 2009 Nov;6 (11):e1000143. Epub Nov 24
49. Helbok R, Kendjo E, Issifou S, Lackner P, Newton CR, Kombila M, **Agbenyega T**, Bojang K, Dietz K, Schmutzhard E, Kremsner PG (2009). [The Lambaréné Organ Dysfunction Score (LODS) is a simple clinical predictor of fatal malaria in African children.](http://www.ncbi.nlm.nih.gov/pubmed/19911989?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=4) J Infect Dis. 200 (12):1834-41
50. Owusu-Agyei S, Ansong D, Asante K, Kwarteng Owusu S, Owusu R, Wireko Brobby NA, Dosoo D, Osei Akoto A, Osei-Kwakye K, Adjei EA, Boahen KO, Sylverken J, Adjei G, Sambian D, Apanga S, Kayan K, Vekemans J, Ofori-Anyinam O, Leach A, Lievens M, Demoitie MA, Dubois MC, Cohen J, Ballou WR, Savarese B, Chandramohan D, Gyapong JO, Milligan P, Antwi S, **Agbenyega T**, Greenwood B, Evans J. (2009). [Randomized controlled trial of RTS,S/AS02D and RTS,S/AS01E malaria candidate vaccines given according to different schedules in Ghanaian children.](http://www.ncbi.nlm.nih.gov/pubmed/19806184?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=5) PLoS One. 2009 Oct 2;4(10):e7302
51. Yatich NJ, Yi J, **Agbenyega T**, Turpin A, Rayner JC, Stiles JK, Ellis WO, Funkhouser E, Ehiri JE, Williams JH, Jolly PE (2009) [Malaria and intestinal helminth co-infection among pregnant women in Ghana: prevalence and risk factors.](http://www.ncbi.nlm.nih.gov/pubmed/19478245?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=6) Am J Trop Med Hyg. 2009 Jun; 80( 6):896-901
52. Jallow M, Teo YY, Small KS, Rockett KA, Deloukas P, Clark TG, Kivinen K, Bojang KA, Conway DJ, Pinder M, Sirugo G, Sisay-Joof F, Usen S, Auburn S, Bumpstead SJ, Campino S, Coffey A, Dunham A, Fry AE, Green A, Gwilliam R, Hunt SE, Inouye M, Jeffreys AE, Mendy A, Palotie A, Potter S, Ragoussis J, Rogers J, Rowlands K, Somaskantharajah E, Whittaker P, Widden C, Donnelly P, Howie B, Marchini J, Morris A, Sanjoaquin M, Achidi EA, **Agbenyega T,** Allen A, Amodu O, Corran P, Djimde A, Dolo A, Doumbo OK, Drakeley C, Dunstan S, Evans J, Farrar J, Fernando D, Hien TT, Horstmann RD, Ibrahim M, Karunaweera N, Kokwaro G, Koram KA, Lemnge M, Makani J, Marsh K, Michon P, Modiano D, Molyneux ME, Mueller I, Parker M, Peshu N, Plowe CV, Puijalon O, Reeder J, Reyburn H, Riley EM, Sakuntabhai A, Singhasivanon P, Sirima S, Tall A, Taylor TE, Thera M, Troye-Blomberg M, Williams TN, Wilson M, Kwiatkowski DP; Wellcome Trust Case Control Consortium; Malaria Genomic Epidemiology Network. (2009).[Genome-wide and fine-resolution association analysis of malaria in West Africa.](http://www.ncbi.nlm.nih.gov/pubmed/19465909?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=7) Nat Genet. 2009 May 24. [Epub ahead of print]
53. Kremsner PG, Valim C, Missinou MA, Olola C, Krishna S, Issifou S, Kombila M, Bwanaisa L, Mithwani S, Newton CR, **Agbenyega T**, Pinder M, Bojang K, Wypij D, Taylor T (2009). [Prognostic value of circulating pigmented cells in African children with malaria.](http://www.ncbi.nlm.nih.gov/pubmed/19086817?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=8). J Infect Dis. 2009 Jan 1;199(1): 142-50
54. A global network for investigating the genomic epidemiology of malaria: The Malaria Genomic Epidemiology Network\*. (2008) Nature; 456(7223): 732-7. \*Members of the Network listed on the last pages of the paper
55. Gomes M, Faiz M, Gyapong J, Warsame M, **Agbenyega T**, Babiker A, Baiden F, Yunus E, Binka F, Clerk C, Folb P, Hassan R, Hossain M, Kimbute O, Kitua A, Krishna S, Makasi C, Mensah N, Mrango Z, Olliaro P, Peto R, Peto T, Rahman M, Ribeiro I, Samad R, White Nfor the Study 13 Research Group. (2009). Pre-referral rectal artesunate to prevent death and disability in severe malaria: a placebo –controlled trial. Lancet. 2009 Feb 14; 373 (9663): 557-66. Epub 2008 Dec 5
56. Bates I, Ansong D, Bedu-Addo G, **Agbenyega T**, Akoto AY, Nsiah-Asare A, Karikari P. (2007). Evaluation of a learner-designed course for teaching health research skills in Ghana. BMC Med Educ. 27. 7:18
57. May J, Evans JA, Timmann C, Ehmen C, Busch W, Thye T, **Agbenyega T**, Horstmann RD. (2007). Hemoglobin variants and disease manifestations in severe falciparum malaria. JAMA. 23; 297(20): 2220-6
58. Simpson JA, **Agbenyega T**, Barnes KI, Di Perri G, Folb P, Gomes M, Krishna S, Krudsood S, Looareesuwan S, Mansor S, McIlleron H, Miller R, Molyneux M, Mwenechanya J, Navaratnam V, Nosten F, Olliaro P, Pang L, Ribeiro I, Tembo M, van Vugt M, Ward S, Weerasuriya K, Win K, White NJ. (2006) Population pharmacokinetics of artesunate and dihydroartemisinin following intra-rectal dosing of artesunate in malaria patients. Med. 2006 Nov; 3(11): e444
59. Evans JA, May J, Ansong D, Antwi S, Asafo-Adjei E, Nguah SB, Osei-Kwakye K, Akoto AO, Ofori AO, Sambian D, Sylverken J, Busch W, Timmann C, **Agbenyega T**, Horstmann RD. (2006) Capillary refill time as an independent prognostic indicator in severe and complicated malaria. J Pediatr. 149(5): 676-81
60. Olola CH, Missinou MA, Issifou S, Anane-Sarpong E, Abubakar I, Gandi JN, Chagomerana M, Pinder M, **Agbenyega T**, Kremsner PG, Newton CR, Wypij D, Taylor TE; (2006). Medical informatics in medical research - the Severe Malaria in African Children (SMAC) Network's experience. Methods Inf Med.; 45 (5): 483-91
61. [Bates I, Akoto AY, Ansong D, Karikari P, Bedu-Addo G, Critchley J, **Agbenyega T**, Nsiah Asare A. (2006). Evaluating health research capacity building: an evidence-based tool. PLoS Med. Aug; 3(8): e299](http://www.ncbi.nlm.nih.gov/pubmed/16942394?ordinalpos=7&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)
62. Taylor T, Olola C, Valim C, **Agbenyega T**, Kremsner P, Krishna S, Kwiatkowski D, Newton C, Missinou M, Pinder Wypij D. Standardized data collection for multi-center clinical studies of severe malaria in African children: establishing the SMAC network. 2006 Trans R Soc Trop Med Hyg. 100 (7): 615-22
63. Newton CR, Valim C, Krishna S, Wypij D, Olola C, **Agbenyega T**, Taylor TE. Severe Malaria in African Children Network (2005). The prognostic value of measures of acid/base balance in pediatric falciparum malaria compared with other clinical and laboratory parameters. Clinical Infectious Disease. 41 (7) 948-57
64. Evans JA, May J. Tominski D, Eggelte T, Marks F, Abruquah HH, Meyer CG, Timmann C, **Agbenyega T**, Hortsmann RD. (2005). Pre-Treatment with chloroquine and parasite chloroquine resistance in Ghanaian children with severe malaria. Quart J. Medicine Sept 26
65. Alex Owusu-Ofori, **Tsiri Agbenyega**, Daniel Ansong, W Michael Scheld (2004). Routine Lumbar puncture in children with febrile seizures in Ghana: should it continue? Int. Journal of Infectious disease. 8(6) 353-61. 19
66. J Evans, A. Adusei, C Timmann, J. May, D, Mack, T**. Agbenyega**, RD Horstmann, Frimpong E (2004). High mortality of infant bacteraemia clinically indistinguishable from severe malaria. Quarterly Journal of Medicine (9) 591-7
67. Tim Planche, **Tsiri Agbenyega**, George Bedu-Addo Daniel Ansong, Alex Owusu-Ofori, Frank Micah, Cyclopea Anakwa, Emmanuel Asafo-Adjei, Alan Hutson, Peter W. Stacpoole, Sanjeev Krishna (2003). A prospective comparison of malaria with other severe diseases in African children: prognosis and optimization of management. Clinical infectious disease 37(7) 890-7
68. **Tsiri Agbenyega**, Tim Planche, George Bedu-Addo, Daniel Ansong, Alex Owusu-Ofori, Venkatesh A Bhattaram, Nelamangala V Nagaraja, Albert L Shroads, George N Henderson, Alan D Hutson, Hartmut Derendorf, Sanjeev Krishna, Peter W Stacpoole. (2003). Population kinetics, efficacy, and safety of dichloroacetate for lactic acidosis due to severe malaria in children. J. Clin Pharmacol 2003 Apr; 43(4): 386-96
69. Participants (including **Agbenyega T**) in the 2001 Conference on Ethical Aspects of research in developing countries. (2004). Moral Standards for research in Developing Countries. From "Reasonable Availability" to "Fair benefits". The Hastings Center Reports Vol. 3 No. 3
70. Participants (including **Agbenyega T**) (2002). Ethics. Fair benefits for research in developing countries. in the 2001 Conference on ethical aspects of research in developing countries. Science 298 (5601) 2133-4
71. Sanjeev Krishna, Tim Planche, **Tsiri Agbenyega**. Charles Woodrow, Dan Agranoff, G Bedu-Addo. Alex K Owusu-Ofori, Adabie Appiah. Surash Ramanathan, Sharif M Mansur, Viswe Navaratnam. (2001). Bioavailability and preliminary clinical efficacy of intra-rectal artesunate in Ghanaian children with moderate malaria. Antimicrobial Agents & Chemotherapy 45 (6) 1803-9
72. Sanjeev Krishna, Nelemangala V Nagaraja, Tim Planche, **Tsiri Agbenyega**, George Bedo-Addo, Daniel Ansong, Alex Owusu-Ofori, Albert L Shroads, George Henderson, Alan Hutson, Hartmut Derendorf, Peter W Stacpoole (2001). Population pharmacokinetics of intra-muscular quinine in children with severe malaria. Antimicrobial Agents & Chemotherapy 45 (2) 509-516
73. **Tsiri Agbenyega,** Brian J., Angus, George Bedu-Addo, Benjamin Baffoe-Bonnie B., O'Rahilly S, Tom Guyton, Peter W. Stacpoole & Sanjeev Krishna S. (2000). Glucose and lactate kinetics in children with severe Malaria. Journal of Clinical Endocrinology & Metabolism. Vol 85 No.4.1569-576
74. Cowan G., Planche T., **Agbenyega T**., Bedu-Addo G., Owusu-Ofori A., Adabie Appiah J., Agranoff D., Woodrow C., Castell L., Krishna S. (1999). Plasma glutamine levels and falciparum malaria. Trans. of the Royal Soc. of Trop. Medicine and Hygiene.93, 616-618
75. **Agbenyega T**., Angus B.J., Bedu-Addo G., Baffoe-Bonnie B., Griffin G., Vallance P. & Krishna S. (1997). Plasma nitrogen oxides and blood lactate concentration in Ghanaian children with malaria. Trans. of the Royal Soc. of Trop. Med and Hygiene, 91 298-302
76. Daya H., Amedofu G., Woodrow C.J., Brobby G., **Agbenyega T**. & Krishna S. (1997). Assessment of Cochlear damage after pneumococcal meningitis using oto-acoustic emissions. Trans. of the Royal Soc. of Trop. Medicine and Hygiene 91, 248-249. Med. 88; 341-349
77. **Agbenyega E.T.,** Morton R.H., Hatton P.A. & Wareham A.C. (1995). Effects of the B2 adrenergic agonist clenbuterol on the growth of fast and slow twitch muscles of the dystrophic (C57BL6J dy2j/dy2j) mouse. Comp. Biochem. and Physiol. 111C; 397-403
78. Morton R.H., **Agbenyega E.T**., Hatton P.A. & Wareham A.C. (1995). Effects of clenbuterol and ICI 118551, a selective B2-antagonist on growth of skeletal muscle of suckling rats. Pfluggers Arch. Eur. J. Physiol; 431; 237-243
79. Krishna S., **Agbenyega T**., Angus B.J., Bedu-Addo G., Ofori-Amanfo G., Henderson G., Szwandt I.S.F., O.Brien R & Stacpoole P. (1995). Pharmacokinetic and pharmacodynamics of dichloroacetate in children with lactic acidosis due to cerebral malaria. Quart. J. Med. 88; 341-349
80. **Agbenyega E.T.** & Wareham A.C. (1992). Direct effects of the B2 agonist clenbuterol on contractions of mouse skeletal muscle. J. of Physiology. 142; 142P
81. **Agbenyega E.T.** & Wareham A.C. (1992). Effect of clenbuterol on skeletal muscle atrophy induced by immobilisation and then glucocorticoid treatment. J of. Physiology. 142; 141P
82. **Agbenyega E.T**. & Wareham A.C. (1992). Effect of clenbuterol on skeletal muscle atrophy induced by the glucocorticoid dexamethazone. Comp. Biochem. and Physiol. 102A; No. 1 141-145
83. **Agbenyega E.T.** (1991). Morphological and Physiological effects of growth promoting agents on skeletal muscle. PhD thesis, Manchester University
84. **Agbenyega E.T**. & Wareham A.C. Effect of clenbuterol on muscle growth and contractility. Muscle and Nerve, 13; 199-203. 1990

### 10B. CONFERENCE ABSTRACTS

1. Pedro Aide on behalf of RTS,S Clinical Trials Partnership. Effect of transmission intensity on vaccine efficacy during a phase III trial of vaccine candidate against malaria RTS,S/AS01 in Africa. ASTMH 62nd Annual Meeting, Marriott Wardman Park, Washington DC, USA, November 13-17, 2013ASTMH 2013
2. *The Malaria Transmission Intensity Study Team Plasmodium falciparum* parasite prevalence over 2 years in 8 areas of Sub-Saharan Africa. 6th Multilateral Initiative on Malaria (MIM) Pan-Africa Malaria Conference Durban, South Africa, 6-11 October 2013
3. Daniel Ansong, Sue Purnell, George Bedu-Addo, Alex Yaw Osei-Akoto, Patrick Karikari, **Tsiri Agbenyega**, Imelda Bates Strengthening Research Capacity within a Ghanaian Teaching Hospital: Ten Year Prospective Study. ASTMH 2012 Atlanta, USA
4. Anthony Enimil, Daniel Ansong, **Tsiri Agbenyega.**  Evidence for a Protective role of rs4986790 (in TLR4) in Malaria and Septicaemia Co-infection: Extra Lessons from MalariaGEN studies in Kumasi, Ashanti Region of Ghana, West Africa. GEM Conference Hinxton, Cambridge, UK.June 2010
5. Anthony Enimil, Daniel Ansong, **Tsiri Agbenyega**, and the MalariaGEN Consortium. Challenges in recruitment for genetic association study in Ghana. The 5th MIM Pan-African Malaria Conference at the Kenyatta International Conference Centre (KICC), Nairobi Kenya, Nov 2009
6. Raimund Helbok, Eric Kendjo, Saadou Issifou, Peter Lackner, Charles R. Newton, Maryvonne Kombilas, **Tsiri Agbenyega** Klaus Dietz, Kalifa Bojang, Erich Schmutzhard, Peter G. Kremsner The Lambarene-Organ-Dysfunction Score (LODS) is a simple clinical predictor for fatal malaria in African children. American Journal of Tropical Medical Medicine Hygiene Supplement. Abstract book of the 7th Annual Meeting. Sheraton New Orleans, New Orleans Louisiana, USA, Dec 2008
7. Chidi Nwizu, **Tsiri Agbenyega,** Daniel Ansong, Maurine R. Hobbs, Benjamin Crookston, Stephen Alder, DeVon Hale Asymptomatic Parasitemia And Complex Species Associations In Malaria Endemic Sub-Saharan Africa. The American Journal of Tropical Medical Medicine Hygiene Supplement. Abstract book of the 57th Annual Meeting. Sheraton New Orleans, New Orleans Louisiana, USA, Dec 2008
8. Seth Owusu-Agyei, D. Ansong, K. P. Asante, S. Owusu Kwarteng, R. Owusu, NA Wireko Brobby, D. Dosoo, A. Y. Osei Akoto, K. Osei-Kwakye, E. Asafo Adjei, K. Owusu Boahen, J. Sylverken, G. Adjei, D. Sambian, J. Vekemans, O. OforiAnyinam', M. Lievens, M. Demoitie, J. Cohen, W. R. Ballou, B. Savarese, B. Greenwood, J Bawa, J. Evans, **T Agbenyega** (2008). Phase II, randomized trial to assess the safety and immunogenicity of the candidate malaria vaccines RTS,S/ASO2 and RTS,S/ASO1 when given according to different vaccination schedules in children in Ghana. The American Journal of Tropical Medical Medicine Hygiene Supplement. Abstract book of the 57th Annual Meeting. Sheraton New Orleans, New Orleans Louisiana, USA, Dec 2008
9. Alfred TIano, Alassane Dicko, Dennis A. Ndububa, **Tsiri Agbenyega**, Simon Pitmang, Jacob Awobusuyi, Allan Pamba, Stephan Duparc, Li-Ean Goh, Emma Harrell, Nick Carter, Stephen A. Ward, Brian Greenwood, Peter A. Winstanley. (2008). Chlorproguanil-Dapsone-Artesunate Vs. Chlorproguanil-Dapsone: A randomised. doubleblind phase III trial for the treatment of acute uncomplicated plasmodium falciparum malaria. The American Journal of Tropical Medical Medicine Hygiene Supplement. Abstract book of the 57th Annual Meeting. Sheraton New Orleans, New Orleans Louisiana USA, Dec 2008
10. Acquaah Christie and **Agbenyega T.** The return to fertility following the cessation of some hormonal contraceptives in Ghanaian women. Annual Partners Meeting, Gates Institute. Baltimore, MD USA, Dec 2002
11. Olola CHO, Missinou M, Kremsner PG, Wypij D, Taylor TE, **Agbenyega T**, Pinder M, Newton CRJC (on behalf of the SMAC network Multi-Center Clinical Research in Malaria): Establishing the Severe Malaria in African Children (SMAC) Network. 3rd MIM Pan-African Conference, Arusha, Tanzania, Nov 2002
12. Tim Planche, **Tsiri Agbenyega**, George Bedo-Addo, Daniel Ansong, Alex Owusu-Ofori2, Frank Micah, Cyclopea Anakwa, Emmanuel Asafo-Adjei, Alan Hutson, Peter W. Stacpoole, Sanjeev Krishna. - Malaria and other severe diseases in African children: Prognosis and management**.** 3rd MIM Pan-African Conference Arusha, Tanzania, Nov 2002
13. Ofori AK, Ansong D, **Agbenyega ET**, Scheld WM (2001). Routine Lumbar Puncture in Children with Febrile Seizures: Is it justified? (Abstract number 2111). Presented at the annual meeting of the American Society of Tropical Medicine and Hygiene, Atlanta, Georgia, Nov 2001
14. **Agbenyega T.**, Angus B.J., Bedu-Addo G., Baffoe-Bonnie B., O'Rahilly S, Guyton T., Stacpoole P.W. & Krishna S. Glucose and lactate kinetics in children with severe lactic acidosis. Meeting of the American Society of Tropical Medicine and Hygiene. Orlando Florida, Dec 1997
15. Hatton P.A., **Agbenyega E.T.**, & Wareham A.C. The selective B-adrenoceptor antagonist does not completely prevent clenbuterol-induced hypertrophy in rat muscle of mixed and fast fibre type. 15th Alternate Muscle club conference, University of Leeds UK, Dec 1994
16. Hatton P.A., Morton R.H., **Agbenyega E.T.**, & Wareham A.C. The effect of administration of the B2 agonist clenbuterol on the whole body and skeletal muscle growth during gestation and lactation. 14th Alternate Muscle club conference, 19th-21st December. University of Newcastle-upon-Tyne, UK, Dec 1993

## 11. MISCELLANEOUS

1. Computer Literate (advanced).