

July 2017

## Curriculum Vitae

### **TERRIE ELLEN TAYLOR, B.A., D.O., M. Tropical Medicine**

Office: Dept. of Osteopathic Medical Specialties Blantyre Malaria Project  
Address: Michigan State University Box 32256, Chichiri  
909 Fee Road, B309-B W. Fee Hall Blantyre 3  
East Lansing, MI 48824 Malawi  
USA Central Africa

Telephone: 517/353-3211 265/1-675-021, (land)  
265/999 969 220 (cell)  
Fax: 517/432-1062 265/1-670-542  
E-mail: ttmalawi@msu.edu ttmalawi@msu.edu

Date and Place of Birth: February 6, 1955, Traverse City, Michigan

Citizenship: United States

#### **Education and Employment:**

Sept. 1973 - May 1977 SWARTHMORE COLLEGE, Swarthmore, Pennsylvania.  
B.A. degree, with distinction, major in biology.

Sept. 1977 - June 1981 CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE,  
Chicago, Illinois. D.O. degree, salutatorian.

July 1981 - July 1982 RIVERSIDE OSTEOPATHIC HOSPITAL, Trenton,  
Michigan. Internship.

July 1982 - July 1983 NIH/SUDAN MEDICAL PARASITOLOGY RESEARCH  
PROJECT, Khartoum, Sudan. Department of Community  
Health Science, College of Osteopathic Medicine,  
Michigan  
State University. Instructor.

Sept. 1983 - Sept. 1985 DETROIT OSTEOPATHIC HOSPITAL, Detroit,  
Michigan.  
General internal medicine residency.

Sept. 1985 - Sept. 1986 LIVERPOOL SCHOOL OF TROPICAL MEDICINE,  
Liverpool, U.K. Masters in Tropical Medicine degree.

Sept. 1986 - June 1993 MICHIGAN STATE UNIVERSITY, College of  
Osteopathic Medicine, Department of Community Health  
Science. Assistant Professor.

July 2017

Sept. 1986 - July 2000	MALARIA RESEARCH PROJECT, Queen Elizabeth Central Hospital, Blantyre, Malawi. Co-director.
Sept. 1986 - present	MICHIGAN STATE UNIVERSITY, African Studies Center. Core Faculty.
June 1993 - Dec. 1999	MICHIGAN STATE UNIVERSITY, College of Osteopathic Medicine, Department of Internal Medicine. Associate Professor with tenure.
January 2000 - present	MICHIGAN STATE UNIVERSITY, College of Osteopathic Medicine, Department of Internal Medicine. Professor with tenure.
July 2000 - present	BLANTYRE MALARIA PROJECT, Queen Elizabeth Central Hospital, Blantyre, Malawi. Director.

**Honors:**

Sigma Xi, Swarthmore College, 1976  
Phi Beta Kappa, Swarthmore College, 1977  
Sigma Sigma Phi, Chicago College of Osteopathic Medicine, 1981  
Glyn Williams Prize, Liverpool School of Tropical Medicine, 1986  
Honorary Lecturer, Department of Tropical Medicine and Infectious Diseases, Liverpool School of Tropical Medicine, 1986-present  
Young Investigator Award, American Society of Tropical Medicine, 1987  
Fellow, American College of Osteopathic Internists, 1996  
Ralph Smuckler Award, Michigan State University, 1996  
Researcher of the Year, American College of Osteopathic Internists, 1998  
International Health Award, Michigan State University, 2000  
Gutensohn-Denslow Award, American Osteopathic Association Bureau of Research, 2000  
Bailey K. Ashford Medal, American Society of Tropical Medicine and Hygiene, 2000  
University Distinguished Professor, Michigan State University, 2003  
Traverse City Central High School Hall of Fame Inaugural Class, 2004  
Distinguished Alumni Award, Chicago College of Osteopathic Medicine, 2006  
Presidential Citation, American Osteopathic Association, 2008  
Osteopathic Pioneer Award, American Osteopathic Association, 2008  
Spirit of Humanism Award, Michigan State University College of Osteopathic Medicine, 2008  
Dr. Nathan Davis International Award in Medicine, AMA Foundation, 2011  
Craig Lecturer, American Society of Tropical Medicine and Hygiene, November, 2014  
Ben Kean Award, American Society of Tropical Medicine and Hygiene, November 2016

**Societies:**

American Osteopathic Association  
Michigan Association of Osteopathic Physicians and Surgeons  
American Society of Tropical Medicine and Hygiene  
American College of Osteopathic Internists

July 2017

Medical Association of Malawi

**Licensure:**

State of Michigan, July 1, 1982

Medical Council of Malawi, November 1991

**Medical Board Status:**

Board Certified -- American College of Osteopathic Internists, September 1987

**Current Grants (PI):**

“Vascular Dysfunction in the Pathogenesis of Severe Malaria”, National Institutes of Health, National Heart, Lung and Blood Institute (1R01HL130624), September 2015 – June 2019

“Treating Brain Swelling in Pediatric Cerebral Malaria”, National Institutes of Health, National Institute of Allergy and Infectious Disease (1U01AI126610-01), December 2016 – November 2023

“The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures. National Institutes of Health, National Institute of Allergy and Infectious Disease (2U19AI089683-08), July 2017 – March 2024.

**Previous Grants (PI):**

“Determinants of Malaria Disease in Malawi”, National Institutes of Health, Institute of Allergy and Infectious Diseases (U19 AI089683-01) July 2010 – June 2017

“From Training and Research to Best Practice: The Malaria Partnership for Excellence”, National Institutes of Health, Fogarty International Center, D71 TW007998-01. July 2009 – June 2014.

"Severe Malaria in African Children: A Clinical Network", National Institute of Allergy and Infectious Disease. (U19 AI45955) September 1999 - August 2011.

"Clinicopathological Correlates of Cerebral Malaria", National Institutes of Health, Institute of Allergy and Infectious Diseases. (2 RO1 AI34969) June 2001 - April 2012.

“Training Med School Faculty to Tackle Malaria in Malawi”, National Institutes of Health, Fogarty International Center. (5 D43 TW00908) September 1997 - July 2004.

"Immunotherapy in Pediatric Cerebral Malaria". National Institutes of Health, Institute of Allergy and Infectious Diseases. (RO1-AI 25568) May 1988 - May 1991.

"Quinine Kinetics in Children with *P. falciparum* Malaria". The Burroughs-Wellcome Fund. October 1988 - November 1989.

"Appropriate Use of Quinine in the Immediate Management of Severe Malaria in the African Primary Health Care Setting". UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases. January 1990 - December 1993.

"Open, Randomized Trial Comparing Artemether with Quinine in the Treatment of Cerebral Malaria in Malawian Children" UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases. January 1992 - December 1994.

"Clinicopathological Correlates of Cerebral Malaria". The Burroughs-Wellcome Fund and UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases. January 1993 - December 1994.

"Comparison of the Efficacy of Artemether versus Quinine in Children with Cerebral Malaria." UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases. January 1995 - June 1997.

"Clinicopathological Correlates of Cerebral Malaria," National Institutes of Health, Institute of Allergy and Infectious Diseases. (RO1 AI34969) September 1996 - August 2000. Supplement: "Network for the Study of Severe Malaria in African Children".

"Malaria Partnership for Excellence", National Institutes of Health, Fogarty International Center (D71 TW007998-01) September 07 – August 08

### **Professional Committees/Appointments:**

Member, Committee for the Study on Malaria Prevention and Control: Status Review and Alternate Strategies, Institute of Medicine, National Academy of Sciences (1989-1991)

Member, Steering Committee of the Scientific Working Group on the Chemotherapy of Malaria (CHEMAL), World Health Organization (1990-1997)

Consultant: Malaria Branch, Division of Parasitic Diseases, Center for Infectious Diseases, National Centers for Disease Control and Prevention (October - December 1992)

Chairman, Task Force on the Clinical Development of Arteether, UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR) (1994-1998)

Member, Editorial Board, American Journal of Tropical Medicine and Hygiene (1996-present)

Councillor, American Society of Tropical Medicine and Hygiene (1997-2003)

Member, Parasitic and Tropical Disease Expert Committee, U.S. Pharmacopeia (2000-2004)

Member, Scientific Advisory Committee, Malaria Research & Reference Reagent Resource Center, American Type Culture Collection (1998-2003)

Chair, ASTMH-BWF Postdoctoral Fellowship in Tropical Infectious Disease Research Committee, Burroughs Wellcome Fund/American Society of Tropical Medicine and Hygiene (2001-2016)

Member, Global Diagnostics Forum (RAND Corporation, Bill and Melinda Gates Foundation) (2004-2006)

Member, Microbiology and Infectious Diseases Research Committee of the National Institute of Allergy and Infectious Diseases (2004-2008).

Member, Expert Scientific Advisory Committee, Medicines for Malaria Venture (2008-2014)

Member, Host-Pathogen Working Group, Malaria Host-Pathogen Interaction Center (2014-present)

**Publications:**

1. Taylor TE, Molyneux ME, Wirima JJ, Fletcher KA, Morris K. Blood glucose levels in Malawian children before and during the administration of intravenous quinine for severe falciparum malaria. *N Engl J Med* 1988;319:1040-47. PMID:3050516
2. Grau GE, Taylor TE, Molyneux ME, Wirima JJ, Vassalli P, Hommel M, Lambert PH. Tumor necrosis factor and disease severity in children with falciparum malaria. *N Engl J Med* 1989;320:1586-91.
3. Molyneux ME, Taylor TE, Wirima JJ, Borgstein A. Clinical features and prognostic indicators in paediatric cerebral malaria: A study of 131 comatose Malawian children. *Q J Med.* 1989;265:441-59.
4. Molyneux ME, Taylor TE, Wirima JJ, Harper G. Effect of rate of infusion of quinine on insulin and glucose response in Malawian children with falciparum malaria. *BMJ* 1989;299:602-03.
5. Mansor SM, Taylor TE, McGrath CS, Edwards G, Ward SA, Wirima JJ, Molyneux ME. The safety and kinetics of intramuscular quinine in Malawian children with moderately severe falciparum malaria. *Trans Roy Soc Trop Med Hyg* 1990;84:482-87.
6. Taylor TE, Wirima JJ, Molyneux ME. Hypoglycaemia and cerebral malaria (letter). *Lancet* 1990;336:950-51.
7. Molyneux ME, Taylor TE, Wirima JJ, Grau GE. Tumour necrosis factor, interleukin-6 and malaria (letter). *Lancet* 1991;337:1098.
8. Kwiatkowski D, Molyneux ME, Taylor TE, Klein N, Curtis N, Smit M. Cerebral malaria (letter). *Lancet* 1991;337:1281-82.
9. Molyneux ME, Taylor TE, Thomas CG, Mansor S, Wirima JJ. Efficacy of quinine for falciparum malaria according to previous chloroquine exposure. *Lancet* 1991;337:1379-80.
10. Mansor SM, Molyneux ME, Taylor TE, Ward SA, Wirima JJ, Edwards G. Effect of *Plasmodium falciparum* malaria infection on the plasma concentration of alpha-1 acid of glycoprotein and the binding of quinine in Malawian children. *Brit J Clin Pharmacol* 1991;32:317-21.
11. Hill AVS, Allsopp CEM, Kwiatkowski D, Taylor TE, Yates SNR, Anstey NM, Wirima JJ, Brewster DR, McMichael AJ, Molyneux ME, Greenwood BM. Extensive genetic diversity in the HLA class II region of Africans, with a focally predominant allele, DRB1\*1304. *Proc Natl Acad Sci., USA* 1992;89:2277-81.
12. Goldring JD, Molyneux ME, Taylor T, Wirima J, Hommel M. *Plasmodium falciparum*: diversity of isolates from Malawi in their cytoadherence to melanoma cells and monocytes in vitro. *Br J Haem* 1992;81:413-18.
13. Taylor TE, Molyneux ME, Wirima JJ, Borgstein A, Goldring JD, Hommel M. Intravenous immunoglobulin in the treatment of paediatric cerebral malaria. *Clin Exp Immunol* 1992;90:357-62.

14. Taylor TE. Malaria. *Medicine International*. 1992;107:4502-08.
15. Taylor TE, Borgstein A, Molyneux ME. Acid-base status in paediatric *Plasmodium falciparum* malaria. *Q J Med* 1993;86:99-109.
16. Taylor TE, Wills BA, Kazembe P, Chisale MCP, Wirima JJ, Ratsma YEC, Molyneux ME. Rapid coma resolution with artemether in Malawian children with cerebral malaria. *Lancet* 1993;341:661-62.
17. Molyneux ME, Engelmann H, Taylor TE, Wirima JJ, Aderka D, Wallach D, Grau GE. Circulating plasma receptors for tumor necrosis factor in Malawian children with severe falciparum malaria. *Cytokine* 1993;5:604-09.
18. Lewallen S, Taylor TE, Molyneux ME, Wills BA, Courtright P. Ocular fundus findings in Malawian children with cerebral malaria. *Ophthalmology* 1993; 100(6):857-61.
19. Taylor, T. Guidelines on the rational use of drugs in basic health services. Complicated malaria in children. *The Prescriber* 1993;5:13. UNICEF: New York.
20. Taylor T, Wills B, Wirima J. Artemether in cerebral malaria (letter). *Lancet* 1993;341:1604.
21. Taylor T, Molyneux ME. Folate deficiency to protect against malaria (letter). *N Engl J Med* 1993;328:1127.
22. Vadas P, Taylor TE, Chimsuku L, Golding D, Stefanski E, Pruzanski W, Molyneux ME. Increased serum phospholipase A<sub>2</sub> activity in Malawian children with falciparum malaria. *Am J Trop Med Hyg* 1993;49(4):455-59.
23. Slutsker L, Taylor TE, Wirima, JJ, Steketee RW. In-hospital morbidity and mortality due to malaria-associated severe anemia in two areas in Malawi with different patterns of malaria infection. *Trans Roy Soc Trop Med Hyg* 1994;88:548-51.
24. Taylor TE. Malaria: Epidemiology, infections in pregnancy, and pediatric infections. *Current Opinions in Infectious Disease* 1994;7:536-41.
25. Jonkman A, Chibwe RE, Khoromana CO, Liabunya UL, Chaponda ME, Kandiero, GE, Molyneux ME, Taylor TE. Cost-saving of microscopy-based versus presumptive diagnosis of malaria in adult outpatients in Malawi. *Bulletin - W.H.O.* 1995;73:223-27.
26. Taylor TE, Molyneux ME. Something new out of Africa (editorial). *N Engl J Med*. 1995;332:1441-42.
27. Lewallen S, Bakker H, Taylor TE, Wills BA, Courtright P, Molyneux ME. Retinal findings predictive of outcome in cerebral malaria. *Trans Roy Soc Trop Med Hyg* 1996;90:144-46. PMID:8761574
28. Looareesuwan S, Wilairatana P, Vannaphan S, Gordeuk VR, Taylor TE, Meshnick SR, Brittenham GM. Co-administration of desferrioxamine B with artesunate in malaria: an assessment of safety and tolerance. *Ann Trop Med Parasitol* 1996;90:551-54.

29. Meshnick SR, Taylor TE, Kamchonwongpaisan S. Artemisinin and the antimalarial endoperoxides: from herbal remedy to targeted chemotherapy. *Microbiol Rev* 1996;60:301-15.
30. Lewallen S, Taylor TE, Molyneux ME, Semba RD, Wills BA, Courtright P. Association between measures of vitamin A. The ocular fundus findings in cerebral malaria. *Arch Ophthalmol* 1998;116(3):293-96.
31. Newton CRJC, Taylor TE, Whitten RO. Pathophysiology of fatal falciparum malaria in African children. *Am J Trop Med Hyg* 1998;58:673-83.
32. Taylor TE, Wills BA, Courval JM, Molyneux ME. Intramuscular artemether vs intravenous quinine: an open, randomized trial in Malawian children with cerebral malaria. *Trop Med Int Health* 1998;3(1):3-8.
33. Boeree MJ, Harries AD, Zijlstra EE, Taylor TE, and Molyneux ME. Co-trimoxazole in HIV-1 infection (correspondence). *Lancet* 1999;354:334.
34. Brown H, Turner G, Rogerson S, Tembo M, Mwenechanya J, Molyneux M, and Taylor T. Cytokine expression in the brain in human cerebral malaria. *J Infect Dis* 1999;180:1742-46.
35. Hoffman IF, Jere CS, Taylor TE, Munthali P, Dyer JR, Wirima JJ, Rogerson SJ, Kumwenda N, Eron JJ, Fiscus SA, Chakrabarty H, Taha TE, Cohen MS, Molyneux ME. The effect of *Plasmodium falciparum* malaria on HIV-1 RNA blood plasma concentration. *AIDS* 1999;13:487-94.
36. White NJ, Nosten F, Looareesuwan S, Watkins WM, Marsh K, Snow RW, Kokwaro G, Ouma J, Hien TT, Molyneux ME, Taylor TE, Newbold CI, Ruebush TK 2<sup>nd</sup>, Danis M, Greenwood BM, Anderson RM, Olliaro P. Averting a malaria disaster. *Lancet*. 1999 June 5;353(9168): 1965-7. PMID: 10371589.
37. Lewallen S, Harding SP, Ajewole J, Schulenberg WE, Molyneux ME, Marsh K, Usen S, White NJ, Taylor TE. A review of the spectrum of clinical ocular fundus findings in *P. falciparum* malaria in African children with a proposed classification and grading system. *Trans Roy Soc Trop Med Hyg* 1999;93:619-22.
38. Rogerson SJ, Tembenu R, Dobano C, Plitt S, Taylor TE, Molyneux ME. Cytoadherence characteristics of *Plasmodium falciparum*-infected erythrocytes from Malawian children with severe and uncomplicated malaria. *Am J Trop Med Hyg* 1999;61(3):467-72.
39. Sullivan AD, Nyirenda T, Cullinan T, Taylor T, Harlow SD, James SA, Meshnick SR. Malaria infection during pregnancy: intrauterine growth retardation and preterm delivery in Malawi. *J Infect Dis* 1999;179:1580-83.
40. Lewallen S, White VA, Whitten RO, Gardiner J, Hoar B, Lindley J, Lochhead J, McCormick A, Wade K, Tembo M, Mwenechanyanya J, Molyneux ME, Taylor TE. Clinico-histopathological correlation of the abnormal retinal vessels in cerebral malaria. *Arch Ophthalmol* 2000;118:924-28.
41. Sullivan AD, Nyirenda T, Cullinan T, Taylor T, Lau A, Meshnick SR. Placental haemozoin and malaria in pregnancy. *Placenta* 2000;21:417-21.

42. Taylor TE, Hoffman IF. Can HIV-1 infections in Africa provide insights into acquired immunity to malaria? (commentary). *Lancet* 2000;356:1046.
43. Taylor TE, Strickland GT. Malaria. In Hunter's Tropical Medicine and Emerging Infectious Diseases. Ed. Strickland GT. 8<sup>th</sup> ed. Philadelphia: W.B. Saunders Company, 2000;92:614-43.
44. Brown H, Rogerson S, Taylor T, Tembo M, Mwenechanya J, Molyneux M, Turner G. Blood-brain barrier function in cerebral malaria in Malawian children. *Am J Trop Med Hyg* 2001;64(3):207-13.
45. Clark I, Whitten R, Molyneux M, Taylor T. Salicylates, nitric oxide, malaria, and Reye's syndrome. *Lancet* 2001;357:625-27.
46. MacDonald SM, Bhisutthibhan J, Shapiro TA, Rogerson SJ, Taylor TE, Tembo M, Langdon JM, Meshnick SR. Immune mimicry in malaria: *Plasmodium falciparum* secretes a functional histamine-releasing factor homolog *in vitro* and *in vivo*. *Proc Natl Acad Sci USA* 2001;98(19):10829-32.
47. Richardson A, Sisay-Joof F, Ackerman H, Usen S, Katundu P, Taylor T, Molyneux M, Pinder M, Kwiatkowski D. Nucleotide diversity of the TNF gene region in an African village. *Genes and Immunity* 2001;2:343-48.
48. Rogerson S, Molyneux, Taylor T. A non-sense mutation and protection from severe malaria. [letter] *Lancet* 2001;358:928.
49. Taylor TE. Draft report by National Bioethics Advisory Commission raises new questions. *J Am Osteopath Assoc* 2001;101(4):217-18.
50. Taylor TE. Medical students can learn much from international health electives. *J Am Osteopath Assoc* 2001;101(7):372-73.
51. White VA, Lewallen S, Beare N, Kayira K, Carr RA, Taylor TE. Correlation of retinal haemorrhages with brain haemorrhages in children dying of cerebral malaria in Malawi. *Trans Roy Soc Trop Med Hyg* 2001;95:618-621.
52. The Artemether-Quinine Meta-analysis Study Group. A meta-analysis using individual patient data of trials comparing artemether with quinine in the treatment of severe falciparum malaria. *Trans Roy Soc Trop Med Hyg* 2001;95:637-50.
53. Kublin JG, Dzinjalama FK, Kamwendo, DD, Malkin EM, Cortese JF, Martino LM, Mukadam RAG, Rogerson SJ, Lescano AG, Molyneux ME, Winstanley PA, Chimpeni P, Taylor TE, Plowe CV. Molecular markers for failure of sulfadoxine-pyrimethamine and chlorproguanil-dapsone treatment of *Plasmodium falciparum* malaria. *J Infect Dis* 2002;185:380-88.
54. Rogers FJ, D'Alonzo GE Jr, Glover JC, Korr IM, Osborn GG, Patterson MM, Seffinger MA, Taylor TE, Willard F. Proposed tenets of osteopathic medicine and principles for patient care. *J Am Osteopath Assoc* 2002; 102(2):63-65.



55. Mfutso-Bengo JM, Taylor TE. Ethical jurisdictions in international biomedical research. *Trends in Parasitology* 2002;18(5):231-34.
56. Movaffaghy A, Lochhead J, Riva CE, Harding SP, Petrig BE, Molyneux ME, Taylor TE. Feasibility of LDF measurements of optic nerve head blood flow in children with cerebral malaria. *Microvascular Research* 2002; 64(2):247-253.
57. Taylor TE, Molyneux ME. Clinical features of malaria in children. In: *Essential Malariology*. Eds. Warrell DA, Gilles HM. 4<sup>th</sup> ed. London: Arnold, 2002; 8:206-218.
58. Sulo J, Chimpeni P, Hatcher J, Kublin JG, Plowe CV, Molyneux ME, Marsh K, Taylor TE, Watkins WM, Winstanley PA. Chlorproguanil-dapsone versus sulfadoxine-pyrimethamine for sequential episodes of uncomplicated falciparum malaria in Kenya and Malawi: a randomized clinical trial. *Lancet* 2002;360:1136-1143.
59. Grau GE, Mackenzie CD, Carr RA, Redard M, Pizzolato G, Allasia C, Cataldo C, Taylor TE, Molyneux ME. Platelet accumulation in brain microvessels in fatal paediatric cerebral malaria. *J Infect Dis* 2003;187:461-466.
60. Lochhead J, Movaffaghy A, Falsini B, Winstanley PA, Mberu EK, Riva CE, Molyneux ME, Taylor TE, Harding SP. The effect of quinine on the electroretinograms of children with pediatric cerebral malaria. *J Infect Dis* 2003;187(8):1342-5.
61. Clark IA, Awburn MM, Whitten RO, Harper CG, Liomba NG, Molyneux ME, Taylor TE. Tissue distribution of migration inhibitory factor and inducible nitric oxide synthase in falciparum malaria and sepsis in African children. *Malar J* 2003 Apr8;2(1):6.
62. Kublin JG, Cortese JF, Njunju EM, Mukadam RA, Wirima JJ, Kazembe PN, Djimde AA, Kouriba B, Taylor TE, Plowe CV. Reemergence of chloroquine-sensitive *Plasmodium falciparum* malaria after cessation of chloroquine use in Malawi. *J Infect Dis* 2003 ;187(12):1870-5.
63. Lyke KE, Diallo DA, Dicko A, Kone, A, Coulibaly D, Guindo A, Cissoko Y, Sangare L, Coulibaly S, Dakouo B, Taylor TE, Doumbo O, Plowe CV. Association of Intraleukocytic *Plasmodium Falciparum* Malaria Pigment with Disease Severity, Clinical Manifestations, and Prognosis in Severe Malaria *Am J Trop Med Hyg* 2003; 69(3):253-259.
64. Medana IM, Day NP, Salahifar-Sabet H, Stocker R, Smythe G, Bwanaisa L, Njobvu A, Kayira K, Turner G, Taylor T, Hunt N. Metabolites of the kynurenine pathway of tryptophan metabolism in the cerebrospinal fluid of Malawian children with malaria. *J Infect Dis* 2003:184-9.
65. Plowe CV, Kublin JG, Dzinjalama FK, Kamwendo DS, Mukadam RAG, Chimpeni P, Molyneux ME, Taylor TE. Sustained clinical efficacy of sulfadoxine-pyrimethamine for uncomplicated falciparum malaria in Malawi after 10 years as first line treatment: five year prospective study. *BMJ* 2004; 328:545-549.
66. Taylor TE, Fu W, Carr R, Whitten R, Mueller J, Fosiko N, Lewallen S, Liomba N, George, Molyneux M. Differentiating the pathologies of cerebral malaria by *postmortem* parasite counts. *Nature Medicine* 2004;10(2):143-145. PMID: 14745442

67. Beare N A V, Southern C, Kayira K, Taylor TE, Harding SP. Visual outcomes in children in Malawi following retinopathy of severe malaria. *Br J Ophthalmol* 2004; 88: 321-324.
68. Combes, V, Taylor TE, Juhan-Vague I, Mege JL, Mwenechanya J, Tembo M, Grau GE, Molyneux ME. Circulating endothelial microparticles in Malawian children with severe falciparum malaria complicated with coma. *JAMA* 2004;291(21):2542-4
69. Beare, NA, Southern C, Chalira C, Taylor TE, Molyneux M, Harding S. Prognostic significance and course of retinopathy in children with severe malaria. *Arch Ophthalmol* 2004;88:1141-1147.
70. Kublin JG, Patnaik P, Jere CS, Miller WC, Hoffman IF, Chimbiya N, Pendame R, Taylor TE, Molyneux ME. Effect of *Plasmodium falciparum* malaria on HIV-1 RNA blood concentration in a cohort of adults in rural Malawi. *Lancet* 2005;365:233-240.
71. Birbeck GL, Taylor TE. Severe malaria: still counting the costs (editorial). *J Neurol Neurosurg Psychiatry* 2005;76(4):467-8.
72. Milner DA, Dzamalala CP, Liomba NG, Molyneux ME, Taylor TE. Sampling of supraorbital brain tissue after death: improving on the clinical diagnosis of cerebral malaria. *J Infect Dis* 2005; 191: 805-808. PMID: 15688299
73. Dzinjalama FK, Macheso A, Kublin JG, Taylor TE, Barnes KI, Molyneux ME, Plowe CV. Blood folate concentrations and *in vivo* sulfadoxine-pyrimethamine failure. *Am J Trop Med Hyg* 2005; 72:267-272.
74. Patnaik P, Jere CS, Miller WC, Hoffman IF, Wirima JJ, Pendame R, Meshnick SR, Taylor TE, Molyneux ME, Kublin JG. Effects of HIV serostatus, HIV-1 RNA concentration, and CD4 count on incidence of malaria infection in a cohort of adults in rural Malawi. *J Infect Dis* 2005;192:984-991.
75. Missinou MA, Olola CHO, Issifou S, Matsiegui PB, Adegnika AA, Borrmann S, Wypij D, Taylor TE, Kremsner PG. Short Report: Piloting Paperless Data Entry for Clinical Research in Africa. *Am J Trop Med Hyg* 2005; 72:301-303.
76. van Oosterhout JJG, Laufer MK, Graham SM, Thumba F, Perez MA, Chimbiya N, Wilson L, Chagomerana M, Molyneux ME, Zijlstra EE, Taylor TE, Plowe CV. A community-based study of the incidence of trimethoprim-sulfamethoxazole-preventable infections in Malawian adults living with HIV. *J Acquir Immune Defic Syndr* 2005; 39:626-631.
77. Mathanga DP, Campbell DH, Taylor TE, Barlow R, Wilson M. Reduction of childhood malaria by social marketing of insecticide-treated nets: a case-control study of effectiveness in Malawi. *Am J Trop Med Hyg* 2005;73:622-625. PMID 16172493
78. Dzinjalama FK, Macheso A, Kublin JG, Taylor TE, Barnes KI, Molyneux ME, Plowe CV, Smith PJ. Association between the pharmacokinetics and *in vivo* therapeutic efficacy of sulfadoxine-pyrimethamine in Malawian children. *Antimicrob Agents Chemother* 2005;49(9):3601-6.

79. Lell B, Missinou MA, Issifou S, Matsiegui PB, Olola CH, Taylor TE, Kremsner PG. Assessment of a simplified method for counting leukocytic malaria pigment. *Am J Trop Med Hyg.* 2005 Sep;73(3):622-5.
80. Newton CRJC, Valim C, Krishna S, Wypij D, Olola C, Agbenyega T, Taylor TE. The prognostic value of measures of acid/base balance in pediatric falciparum malaria, compared with other clinical and laboratory parameters. *Clin Infect Dis* 2005; 41:948-957.
81. Taylor TE, Olola C, Valim C, Agbenyega T, Kremsner P, Krishna S, Kwiatkowski D, Missinou M, Newton C, Pinder M, Wypij D, Standardized data collection for multi-center clinical studies of severe malaria in African children: establishing the SMAC network. *Trans R Soc Trop Med Hyg* 2006; 100(7):615-22.
82. Laufer MK, van Oosterhout JG, Thesing PC, Thumba F, Zijlstra EE, Graham SM, Taylor TE, Plowe CV. Impact of HIV-associated immunosuppression on malaria infection and disease in Malawi. *J Infect Dis* 2006; 193:872-878.
83. Montgomery J, Milner DA, Tse MT, Njobvu A, Kayira K, Dzamalala F, Taylor TE, Rogerson SJ, Craig AG, Molyneux ME. Genetic analysis of circulating and sequestered populations of *Plasmodium falciparum* in fatal pediatric malaria. *J Infect Dis* 2006;194(1):115-122.
84. Seydel KB, Milner DA, Kamiza SB, Molyneux ME, Taylor TE. The distribution and intensity of parasite sequestration in comatose Malawian children. *J Infect Dis* 2006;194(2):208-15. PMID: 16779727
85. Mankhambo LA, Makwana NV, Carrol ED, Beare NA, Taylor T, Kampondeni S, Molyneux EM. Persistent visual loss as a complication of meningococcal meningitis. *Ped Infect Dis J* 2006;25(6):566-7.
86. Harding SP, Lewallen S, Beare NA, Smith A, Taylor TE, Molyneux ME. Classifying and grading retinal signs in severe malaria. *Trop Doct* 2006;36(Suppl 1):1-13.
87. Laufer MK, Oosterhout JGG, Perez MA, Kanyanganlika J, Taylor TE, Plowe CV, Graham SM. Observational cohort study of HIV-infected African children. *Ped Infect Dis* 2006;25;(7):623-27.
88. Olola CHO, Missinou MA, Issifou S, Anane-Sarpong E, Abubakar I, Gandi JN< Chagomerana M, Pinder M, Agbenyega T, Kremsner PG, Newton CRJC, Wypij D, Taylor TE. Medical informatics in medical research: The Severe Malaria in African Children (SMAC) Network's Experience. *Methods of Information in Medicine* 2006;45(5):483-91.
89. Laufer MK, Thesing PC, Eddington ND, Masonga R, Dzinjalama FK, Takala SL, Taylor TE, Plowe CV. Return of chloroquine antimalarial efficacy in Malawi. *N Engl J Med* 2006;355(19) 1955-66. PMID: 17093247
90. Beare NAV, Taylor TE, Harding SP, Lewallen S, Molyneux ME. Malarial retinopathy: a newly established diagnostic sign in severe malaria. *Am. J. Trop. Med. Hyg.* 2006;75(5):790-97.

91. Mathanga DP, Campbell CH, Taylor TE, Barlow R, Wilson ML. Socially marketed insecticide-treated nets effectively reduce Plasmodium infection and anaemia among children in urban Malawi. *Trop Med Int Health* 2006;11(9):1367-74. PMID 16930258
92. Beare NAV, Riva CE, Taylor TE, Molyneux ME, Kayira K, White VA, Lewallen S, Hardy SP. Changes in optic nerve head blood flow in children with cerebral malaria and acute papilloedema. *J Neurol Neurosurg Psychiatry* 2006;77(11):1288-90.
93. Haldar K, Murphy SC, Milner DA, Taylor TE. Malaria: Mechanisms of Erythrocytic Infection and Pathological Correlates of Severe Disease. *Annu Rev Pathol* 2007 Feb 28;2:217-249.
94. Bronzan RN, Taylor TE, Mwenechanya J, Tembo M, Kayira K, Bwanaisa L, Njobvu A, Kondowe W, Chalira C, Walsh AL, Phiri A, Wilson LK, Molyneux ME, Graham SM. Bacteremia in Malawian children with severe malaria: prevalence, etiology, HIV coinfection, and outcome. *J Infect Dis* 2007;195(6):895-904. PMID: 17299721
95. van Oosterhout JJ, Laufer MK, Perez MA, Graham SM, Chimbiya N, Thesing PC, Alvarez-Martinez MJ, Wilson PE, Chagomerana M, Zijlstra EE, Taylor TE, Plowe CV, Meshnick SR. Pneumocystis pneumonia in HIV-positive adults, Malawi. *Emerg Infect Dis* 2007;13(2):325-8.
96. Laufer MK, van Oosterhout JJ, Thesing PC, Dzinjalama FK, Hsi T, Beraho L, Graham SM, Taylor TE, Plowe CV. Malaria treatment efficacy among people living with HIV: the role of host and parasite factors. *Am J Trop Med Hyg* 2007 Oct;77(4):627-32.
97. Francischetti IM, Seydel KB, Monteiro RQ, Whitten RO, Erexson CR, Noronha AL, Ostera GR, Kamiza SB, Molyneux MB, Ward JM, Taylor TE. *Plasmodium falciparum*-infected erythrocytes induce tissue factor expression in endothelial cells and support the assembly of multimolecular coagulation complexes. *J Thromb Haemost* 2007;5(1)155-65.
98. Montgomery J, Mphande FA, Berriman M, Pain A, Rogerson SJ, Taylor TE, Molyneux ME, Craig A. Differential var gene expression in the organs of patients dying of falciparum malaria. *Mol Microbiol* 2007;65(4):959-67. PMID:17617167
99. Dobaño C, Rogerson, SJ, Taylor TE, McBride, JS, Molyneux, ME. Expression of merozoite surface protein markers by *Plasmodium falciparum* – infected erythrocytes in peripheral blood and tissues of children with fatal malaria. *Infection and Immunity* 2007;75(2):643-52.
100. Southern CL, Beare NA, Falsine B, Lochhead J, Molyneux ME, Taylor TE, Harding SP. Delayed Visual Evoked Potentials in Children with *P. falciparum* Malaria and Reduced Consciousness. *J Ped Neurol* 2008;122(8):1141-7.
101. Dobaño C, Rogerson SJ, Mackinnon MJ, Cavanagh DR, Taylor TE, Molyneux ME, McBride JS. Differential Antibody Responses to Plasmodium falciparum Merozoite Proteins in Malawian Children with Severe Malaria. *J Infect Dis* 2008;197(5):766-74.
102. Lewallen S, Bronzan RN, Beare NA, Harding SP, Molyneux ME, Taylor TE. Using malarial retinopathy to improve the classification of children with cerebral malaria. *Trans R Soc Trop Med Hyg* 2008;102(11):1089-94. PMID:18760435

103. Wassmer SC, Taylor T, Maclennan CA, Kanjala M, Mukaka M, Molyneux ME, Grau GE. Platelet-induced clumping of *Plasmodium falciparum*-infected erythrocytes from Malawian patients with cerebral malaria-possible modulation in vivo by thrombocytopenia. *J Infect Dis*. 2008; 197(1):72-8. PMID:18171288
104. Beare NA, Kampondeni S, Glover SJ, Molyneux E, Taylor TE, Harding SP, Molyneux ME. Detection of raised intracranial pressure by ultrasound measurement of optic nerve sheath diameter in African children. *Trop Med Int Health* 2009; 13(11):1400-4.
105. Beare NA, Harding SP, Taylor TE, Lewallen S, Molyneux ME. Perfusion abnormalities in children with cerebral malaria and malarial retinopathy. *J Infect Dis* 2008;199(2):263-71. PMID: 18999956
106. Kreamsner 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. Prognostic value of circulating pigmented cells in African children with malaria. *J Infect Dis* 2009;199(1):142-50. PMCID: PMC3755538
107. White VA, Lewallen S, Beare NA, Molyneux ME, Taylor TE. Retinal pathology of pediatric cerebral malaria in Malawi. *PLoS One* 2009;4(1):e4317.
108. Taylor TE. Caring for children with cerebral malaria: insights gleaned from 20 years on a research ward in Malawi. *Trans R Soc Trop Med Hyg* 2009;103 Suppl:S6-10.
109. Potchen MJ, Birbeck GL, Demarco JK, Kampondeni SD, Beare N, Molyneux ME, Taylor TE. Neuroimaging findings in children with retinopathy-confirmed cerebral malaria. *Eur J Radiol*.2010;74:262-8 PMID: 19345538
110. Birbeck GL, Beare N, Lewallen S, Glover SJ, Molyneux ME, Kaplan PW, Taylor TE. Identification of malaria retinopathy improves the specificity of the clinical diagnosis of cerebral malaria: findings from a prospective cohort study. *Am J Trop Med Hyg*. 2010 Feb;82(2):231-4. PMID: 20133998
111. Laufer MK, Takala-Harrison S, Dzinjalama FK, Stine OC, Taylor TE, Plowe CV. Return of chloroquine-susceptible falciparum malaria in Malawi was a re-expansion of diverse susceptible parasites. *J Infect Dis* 2010 Sep 1;202(5)801-8. PMID: 20662717.
112. Chimalizeni Y, Kawaza K, Taylor T, Molyneux M. The platelet count in cerebral malaria, is it useful to the clinician? *Am J Trop Med Hyg*. 2010 Jul;83(1):48-50.PMID: 20595476.
113. Glover SJ, Maude RJ, Taylor TE, Molyneux ME, Beare NA. Malarial retinopathy and fluorescein angiography findings in a Malawian child with cerebral malaria. *Lancet Infect Dis*. 2010 Jun;10(6):440. No abstract available.PMID: 20510284.
114. Birbeck GL, Molyneux ME, Kaplan PW, Seydel KB, Chimalizeni YF, Kawaza K, Taylor TE. Blantyre Malaria Project Epilepsy Study (BMPES) of neurological outcomes in retinopathy-positive paediatric cerebral malaria survivors: a prospective cohort study. *Lancet Neurol*. 2010 Dec;9(12):1173-81. Epub 2010 Nov 4.PMID: 21056005.

115. Wassmer SC, Moxon CA, Taylor T, Grau GE, Molyneux ME, Craig AG. Vascular endothelial cells cultured from patients with cerebral or uncomplicated malaria exhibit differential reactivity to TNF. *Cell Microbiol* 2011;13(2):198-20. PMID: 21029292.
116. Carroll RW, Wainwright MS, Kim KY, Kidambi T, Gómez ND, Taylor T, Haldar K. A rapid murine coma and behavior scale for quantitative assessment of murine cerebral malaria. *PLoS One*. 2010 Oct 1;5(10). pii: e13124. PMID: 20957049
117. Latourette MT, Siebert JE, Barto RJ Jr, Marable KL, Muyepa A, Hammond CA, Potchen MJ, Kampondeni SD, Taylor TE. Magnetic Resonance Imaging Research in Sub-Saharan Africa: Challenges and Satellite-Based Networking Implementation. *J Digit Imaging*. 2011;24(4): 729–738. PMID:20714916. PMCID:PMC3033988
118. Conroy AL, Phiri H, Hawkes M, Glover S, Mallewa M, Seydel KB, Taylor TE, Molyneux ME, Kain KC. Endothelium-based biomarkers are associated with cerebral malaria in Malawian children: a retrospective case-control study. *PLoS One* 2010;5(12):e15291. PMID 23209923
119. Lell B, Köhler C, Wamola B, Olola CH, Kivaya E, Kokwaro G, Wypij D, Mithwani S, Taylor TE, Kremsner PG, Newton CR. Pentoxifylline as an adjunct therapy in children with cerebral malaria. *Malar J*. 2010;9:368.PMID: 21176151
120. Lubell Y, Staedke SG, Greenwood BM, Kamya MR, Molyneux M, Newton PN, Reyburn H, Snow RW, D'Alessandro U, English M, Day N, Kremsner P, Dondorp A, Mbacham W, Dorsey G, Owusu-Agyei S, Maitland K, Krishna S, Newton C, Pasvol G, Taylor T, von Seidlein L, White NJ, Binka F, Mills A, Whitty CJ. Likely health outcomes for untreated acute febrile illness in the tropics in decision and economic models; a Delphi survey. *PLoS One*. 2011;6(2):e17439. PMID: 21390277
121. Herricks T, Seydel KB, Turner G, Molyneux M, Heyderman R, Taylor T, Rathod PK. A microfluidic system to study cytoadhesion of *Plasmodium falciparum* infected erythrocytes to primary brain microvascular endothelial cells. *Lab Chip*. 2011;11(17):2994-3000. PMID: 21743938
122. Mathanga DP, Walker ED, Wilson ML, Ali D, Taylor TE, Laufer MK. Malaria control in Malawi: Current status and directions for the future. *Acta Trop* 2012;121(3):212-7. PMID: 21763670
123. Beare NA, Lewallen S, Taylor TE, Molyneux ME. Redefining cerebral malaria by including malaria retinopathy. *Future Microbiol*. 2011;6(3):349-55. PMID: 21449844
124. Whitten R, Milner DA Jr, Yeh MM, Kamiza S, Molyneux ME, Taylor TE. Liver pathology in Malawian children with fatal encephalopathy. *Hum Pathol*. 2011;42(9):1230-9. PMID: 21396681
125. Boivin MJ, Gladstone MJ, Vokhiwa M, Birbeck GL, Magen JG, Page C, Semrud-Clikeman M, Kauye F, Taylor TE. Developmental outcomes in Malawian children with retinopathy-positive cerebral malaria. *Trop Med Int Health*. 2011;16(3):263-71 PMID: 21143354

126. Potchen MJ, Kampondeni S, Birbeck GL, Magnetic Resonance Imaging in Malawi: Contributions to Clinical Care, Medical Education and Biomedical Research. *Malawi Medical Journal* 2011; ePub 07 June.
127. Dorovini-Zis K, Schmidt K, Huynh H, Fue W, Whitten RO, Milner D, Kamiza S, Molyneux M, Taylor Terrie E. The neuropathology of fatal cerebral malaria in Malawian children. *Am J Path* 2011;178:2146-2158. PMID: 21514429
128. Phiri HT, Bridges DJ, Glover SJ, van Mourik JA, de Laat B, M'baya B, Taylor TE, Seydel KB, Molyneux ME, Faragher EB, Craig AG, Bunn JE. Elevated plasma von Willebrand factor and propeptide levels in Malawian children with malaria. *PLoS One*. 2011;6(11):e25626. Epub 2011 PMID: 22125593
129. Wilson ML, Walker ED, Mzilahowa T, Mathanga DP, Taylor TE. Malaria elimination in Malawi: Research needs in highly endemic, poverty-stricken contexts. *Acta Trop* 2012;121(3):218-26. PMID: 22100546
130. Kremsner PG, Taylor T, Issifou S, Kombila M, Chimalizeni Y, Kawaza K, Akotet MKB, Duscha M, Mordmuller B, Kosters K, Humberg A, Miller RS, Weina P, Duparc S, Mohrle J, Kun JFJ, Planche T, Teja-Isavadharm P, Simpson JA, Kohler C, Krishna S. A simplified intravenous artesunate regimen for severe malaria. *J Infect Dis*. 2012;205(2):312-9. Epub 2011 Dec 15. PMID: 22180622
131. Potchen MJ, Kampondeni SD, Birbeck GL, et al. Acute Brain MRI Findings in 120 Malawian Children with Cerebral Malaria: New Insights into an Ancient Disease. *AJNR Am J Neuroradiol*. 2012;9:1740-6. PMID: 22517285 PMID: PMC3779545
132. Seydel KB, Fox LL, Glover SJ, Reeves MJ, Pensulo P, Muiruri A, Mpakiza A, Molyneux ME, Taylor TE. Plasma Concentrations of Parasite Histidine-Rich Protein 2 Distinguish Between Retinopathy-Positive and Retinopathy-Negative Cerebral Malaria in Malawian Children. *J Infect Dis*. 2012 ;3:309-18. PMID: 22634877
133. Herricks T, Seydel KB, Molyneux M, Taylor T, Rathod PK. Estimating physical splenic filtration of Plasmodium falciparum-infected red blood cells in malaria patients. *Cell Microbiol*. 2012 Aug 15. doi: 10.1111/cmi.12007. PMID: 2289202
134. Beare NA, Glover SJ, Lewallen S, Taylor TE, Harding SP, Molyneux ME. Prevalence of raised intracranial pressure in cerebral malaria detected by optic nerve sheath ultrasound. *Am J Trop Med Hyg*. 2012;87(6):985-8. PMID: 23033398
135. Milner DA Jr, Vareta J, Valim C, Montgomery J, Daniels RF, Volkman SK, Neafsey DE, Park DJ, Schaffner SF, Mahesh NC, Barnes KG, Rosen DM, Lukens AK, Van Tyne D, Wiegand RC, Sabeti PC, Seydel KB, Glover SJ, Kamiza S, Molyneux ME, Taylor TE, Wirth DF. Human cerebral malaria and *Plasmodium falciparum* genotypes in Malawi. *Malar J*. 2012 ;11:35. PMID: 22314206
136. Milner DA Jr, Valim C, Luo R, Playforth KB, Kamiza S, Molyneux ME, Seydel KB, Taylor TE. Supraorbital postmortem brain sampling for definitive quantitative confirmation of cerebral sequestration of *Plasmodium falciparum* parasites. *J Infect Dis*. 2012;205(10):1601-6. PMID: 22291197

137. Conroy AL, Glover SJ, Hawkes M, Erdman LK, Seydel KB, Taylor TE, Molyneux ME, Kain KC. Angiopoietin-2 levels are associated with retinopathy and predict mortality in Malawian children with cerebral malaria: a retrospective case-control study. *Crit Care Med*. 2012;40(3):952-9. PMID: PMC3284252.
138. Latourette MT, Siebert JE, Barto RJ Jr, Marable KL, Muyepa A, Hammond CA, Potchen MJ, Kampondeni SD, Taylor TE. Magnetic Resonance Imaging Research in Sub-Saharan Africa: Challenges and Satellite-Based Networking Implementation. *J Digit Imaging* 2011;24(4): 729–738. PMID: 20714916
139. Kremsner PG, Taylor T, Issifou S, Kombila M, Chimalizeni Y, Kawaza K, Akotet MKB, Duscha M, Mordmuller B, Kosters K, Humberg A, Miller RS, Weina P, Duparc S, Mohrle J, Kun JFJ, Planche T, Teja-Isavadharm P, Simpson JA, Kohler C, Krishna S. A simplified intravenous artesunate regimen for severe malaria. *J Infect Dis*. 2012;205(2):312-9. PMID: 22180622
140. Herricks T, Seydel KB, Molyneux M, Taylor T, Rathod PK. Estimating physical splenic filtration of *Plasmodium falciparum*-infected red blood cells in malaria patients.. *Cell Microbiol*. 2012;149120;1880-91. PMID 22892025
141. Postels DG, Taylor TE, Molyneux M, Mannor K, Kaplan PW, Seydel KB, Chimalizeni YF, Kawaza K, Birbeck GL. Neurologic outcomes in retinopathy-negative cerebral malaria survivors. *Neurology*. 2012 Sep 18;79(12):1268-72. Epub 2012 Aug 22. PMID: 2291484
142. Laufer MK, Thesing PC, Dzinjalama FK, Nyirenda OM, Masonga R, Laurens MB, Stokes-Riner A, Taylor TE, Plowe CV. A longitudinal trial comparing chloroquine as monotherapy or in combination with artesunate, azithromycin or atovaquone-proguanil to treat malaria. *PLoS One* 2012;7(8):e42284. PMID 22912697.
143. Potchen MJ, Kampondeni SD, Seydel KB, Birbeck GL, Hammond CA, Bradley WG, Demarco JK, Glover SJ, Ugorji JO, Latourette MT, Siebert JE, Molyneux ME, Taylor TE. Acute Brain MRI Findings in 120 Malawian Children with Cerebral Malaria: New Insights into an Ancient Disease. *Am J Neuroradiol*. 2012;9:1740-6. PMID: 22517285
144. Potchen MJ, Kampondeni SD, Mallewa M, Taylor TE, Birbeck GL. Brain imaging in normal kids: a community-based MRI study in Malawian children. *Trop Med Int Health*. 2013 Jan 18. PMID: 23331928
145. Kampondeni SD, Potchen MJ, Beare NA, Seydel KB, Glover SJ, Taylor TE, Birbeck GL. MRI Findings in a Cohort of Brain Injured Survivors of Pediatric Cerebral Malaria. *Am J Trop Med Hyg*. 2013;88(3):542-6. PMID 2339204. PMID:PMC3592538
146. Postels DG, Birbeck GL, Valim C, Mannor KM, Taylor TE. Seasonal differences in retinopathy-negative versus retinopathy-positive cerebral malaria. *Am J Trop Med Hyg* 2013;88(2):315-8. PMID 23166194.
147. Fox LL, Taylor TE, Pensulo P, Liomba A, Mpakiza A, Varela A, Glover SJ, Reeves MJ, Seydel KB. Histidine-rich protein 2 levels predict progression to cerebral malaria in Malawian children with *Plasmodium falciparum* infection. *J Infect Dis* 2013; 208(3):500-3.



148. Moxon CA, Wassmer SC, Milner DA Jr, Chisala NV, Taylor TE, Seydel KB, Molyneux ME, Faragher B, Esmon CT, Downey C, Toh CH, Craig AG, Heyderman RS. Loss of endothelial protein C receptors links coagulation and inflammation to parasite sequestration in cerebral malaria in African children. *Blood* 2013;122(5):842-51. PMID: 23741007.
149. Milner DA Jr, Valim C, Carr RA, Chandak PB, Fosiko NG, Whitten R, Playforth KB, Seydel KB, Kamiza S, Molyneux ME, Taylor TE. A histological method for quantifying *Plasmodium falciparum* in the brain in fatal paediatric cerebral malaria. *Malar J* 2013;12(1):191. PMID: 23758807
150. Kariuki SM, Rockett K, Clark TG, Reyburn H, Agbenyega T, Taylor TE, Birbeck GL, Williams TN, Newton CR. The genetic risk of acute seizures in African children with falciparum malaria. *Epilepsia*. 2013 Jun;54(6):990-1001. doi: 10.1111/epi.12173. PMID: 23614351
151. Potchen MJ, Kampondeni SD, Ibrahim K, Bonner J, Seydel KB, Taylor TE, Birbeck GL. NeuroInterp: a method for facilitating neuroimaging research on cerebral malaria. *Neurology*. 2013 Aug 6;81(6):585-8. PMID:23918861
152. Moxon CA, Chisala NV, Wassmer SC, Taylor TE, Seydel KB, Molyneux ME, Faragher B, Kennedy N, Toh CH, Craig AG, Heyderman RS. Persistent Endothelial Activation and Inflammation After Plasmodium falciparum Infection in Malawian Children. *J Infect Dis*. 2013 Sep 17. PMID: 24048963
153. Kalilani-Phiri L, Thesing PC, Nyirenda OM, Mawindo P, Madanitsa M, Membe G, Wylie B, Masonbrink A, Makwakwa K, Kamiza S, Muehlenbachs A, Taylor TE, Laufer MK. Timing of malaria infection during pregnancy has characteristic maternal, infant and placental outcomes. *PLoS One*. 2013 Sep 18;8(9):e74643. PMID: 24058614
154. Milner D Jr, Factor R, Whitten R, Carr RA, Kamiza S, Pinkus G, Molyneux M, Taylor T. Pulmonary pathology in pediatric cerebral malaria. *Hum Pathol*. 2013 Dec;44(12):2719-26. PMID: 24074535
155. Tembo DL, Nyoni B, Murikoli RV, Mukaka M, Milner DA, Berriman M, Rogerson SJ, Taylor TE, Molyneux ME, Mandala WL, Craig AG, Montgomery J. Differential PfEMP1 expression is associated with cerebral malaria pathology. *PLoS Pathog* 2014;10(12):e1004537. PMID 25473835
156. Sisya TJ, Kamn'gona RM, Vareta JA, Fulakeza JM, Mukaka MF, Seydel KB, Laufer MK, Taylor TE, Nkhoma SC. Subtle changes in *Plasmodium falciparum* infection complexity following enhanced intervention in Malawi. *Acta Trop* 2014;142C:108-114. PMID 25460345
157. Postels DG, Li C, Birbeck GL, Taylor TE, Seydel KB, Kampondeni SD, Glover SJ, Potchen MJ. Brain MRI of children with retinopathy-negative cerebral malaria. *Am J Trop Med Hyg* 2013;91(5):943-9. PMID 25200262
158. Mohanty S, Taylor TE, Kampondeni S, Potchen MJ, Panda P, Janhi M, Mischra SK, Wassmer SC. Magnetic resonance imaging during life: the key to unlock cerebral malaria pathogenesis? *Malar J* 2014;13:276. PMID 25038815.

159. Mallewa M, Vallely P, Faragher B, Banda D, Klapper P, Mukaka M, Khofi H, Pensulo P, Taylor T, Molyneux M, Solomon T. Viral CNS infections in children from a malaria-endemic area of Malawi: a prospective cohort study. *Lancet Glob Health* 2013;1(3):e153-60. PMID 24748325
160. MacCormick IJ, Beare NA, Taylor TE, Barrera V, White VA, Hiscott P, Molyneux ME, Dhillon B, Harding SP. Cerebral malaria in children: using the retina to study the brain. *Brain* 2013;137:2119-42. PMID 24578549.
161. Boudová S, Cohee LM, Kalilani-Phiri L, Thesing PC, Kamiza S, Muehlenbachs A, Taylor TE, Laufer MK. Pregnant women are a reservoir of malaria transmission in Blantyre, Malawi. *Malar J*. 2014;13:506. PubMed PMID: 25520145; PubMed Central PMCID: PMC4301453.
162. MacCormick IJ, Beare NA, Taylor TE, Barrera V, White VA, Hiscott P, Molyneux ME, Dhillon B, Harding SP. Reply: Retinopathy, histidine-rich protein-2 and perfusion pressure in cerebral malaria. *Brain* 2013;137:e299.
163. Milner DA Jr., Whitten RO, Kamiza S, Carr R, Liomba G, Dzamalala C, Seydel KB, Molyneux ME, Taylor TE. The systemic pathology of cerebral malaria in African children. *Front Cell Infect Microbiol* 2014;4:104. PMID 25191643.
164. Joice R, Nilsson SK, Montgomery J, Dankwa S, Egan E, Morahan B, Seydel KB, Bertuccini L, Alano P, Williamson KC, Duraisingh MT, Taylor TE, Milner DA, Marti M. *Plasmodium falciparum* transmission stages accumulate in the human bone marrow. *Sci Transl Med* 2014;6(244):244re5. PMID 25009232.
165. Joice R, Narasimhan V, Montgomery J, Sidhu AB, Oh K, Meyer E, Pierre-Louis W, Seydel K, Milner D, Williamson K, Wiegand R, Ndiaye D, Daily J, Wirth D, Taylor T, Huttenhower C, Marti M. Inferring developmental stage composition from gene expression in human malaria. *PLoS Comput Biol* 2013;9(12):e1003392. PMID 24348235
166. Gilliams EA, Jumare J, Claassen CW, Thesing PC, Nyirenda OM, Dzinjalama FK, Taylor T, Plowe CV, Tracy LA, Laufer MK. Chloroquine-azithromycin combination antimalarial treatment decreases risk of respiratory-and gastrointestinal-tract infections in Malawian children. *J Infect Dis* 2014;210(4):585-92. PMID 24652498.
167. Cohee LM, Kalilani-Phiri L, Boudova S, Joshi S, Mukadam R, Seydel KB, Mawindo P, Thesing P, Kamiza S, Makwakwa K, Muehlenbachs A, Taylor TE, Laufer MK. Submicroscopic malaria infection during pregnancy and the impact of intermittent preventive treatment. *Malar J* 2014;13:274. PMID 25023697
168. Van Tyne D, Tan Y, Daily JP, Kamiza S, Seydel K, Taylor T, Mesirov JP, Wirth DF, Milner DA Jr. *Plasmodium falciparum* gene expression measured directly from tissue during human infection. *Genome Med*. 2014;6(11):110. PubMed PMID: 25520756; PubMed Central PMCID: PMC4269068.
169. Barrera V, Hiscott PS, Craig AG, White VA, Milner DA, Beare NA, MacCormick IJ, Kamiza S, Taylor TE, Molyneux ME, Harding SP. Severity of retinopathy parallels the

- degree of parasite sequestration in the eyes and brains of Malawian children with fatal cerebral malaria. *J Infect Dis* 2015;211(12):1977-86. PMID 25351204
170. Taylor TE, Molyneux ME. The pathogenesis of pediatric cerebral malaria: eye exams, autopsies, and neuroimaging. *Ann N Y Acad Sci.* 2015 Apr;1342:44-52. PMID:25708306. PMCID: PMC4405463
171. Seydel KB, Kampondeni SD, Valim C, Potchen MJ, Milner DA, Muwalo FW, Birbeck GL, Bradley WG, Fox LL, Glover SJ, Hammond CA, Heyderman RS, Chilingulo CA, Molyneux ME, Taylor TE. Brain swelling and death in pediatric cerebral malaria, *N Engl J Med* 2015; 72(12):1126-37. PMID: 2578590. PMC4450675.
172. Pelle KG, Oh K, Buchholz K, Narasimhan V, Joice R, Milner DA, Brancucci NM, Ma S, Voss TS, Ketman K, Seydel KB, Taylor TE, Barteneva NS, Huttenhower C, Marti M. Transcriptional profiling defines dynamics of parasite tissue sequestration during malaria infection. *Genome Med.* 2015; 7(1):19. PubMed PMID: 25722744; PubMed Central PMCID: PMC4342211.
173. Artimovich E, Schneider K, Taylor TE, Kublin JG, Dzinjalama FK, Escalante AA, Plowe CV, Laufer MK, Takala-Harrison S. Persistence of sulfadoxine- pyrimethamine resistance despite reduction of drug pressure in Malawi. *J Infect Dis.* 2015;212(5):694-701. PubMed PMID: 25672905; PubMed Central PMCID: PMC4539899.
174. Moxon CA, Chisala NV, Mzikamanda R, MacCormick I, Harding S, Downey C, Molyneux M, Seydel KB, Taylor TE, Heyderman RS, Toh CH. Laboratory evidence of disseminated intravascular coagulation is associated with a fatal outcome in children with cerebral malaria despite an absence of clinically evident thrombosis or bleeding. *J Thromb Haemost* 2015;13(9):1653-64.
175. Hochman SE, Madaline TF, Wassmer SC, Mbale E, Choi N, Seydel KB, Whitten RO, Varughese J, Grau GE, Kamiza S, Molyneux ME, Taylor TE, Lee S, Milner DA Jr, Kim K. Fatal pediatric cerebral malaria is associated with intravascular monocytes and platelets that are increased with HIV coinfection. *MBio* 2015;6(5):e01390-15. PubMed PMID: 26396242; PubMed Central PMCID: PMC4611030.
- a. Author correction: Hochman SE, Madaline TF, Wassmer SC, Mbale E, Choi N, Seydel KB, Whitten RO, Varughese J, Grau GE, Kamiza S, Molyneux ME, Taylor TE, Lee S, Milner DA Jr, Kim K. *MBio* 2016;7(1):e02068-15. PMID 26838718.
176. Wassmer SC, Taylor TE, Rathod PK, Mishra SK, Mohanty S, Arevalo-Herrera M, Duraisingh MT, Smith JD. Investigating the pathogenesis of severe malaria: A multidisciplinary and cross-geographical approach. *Am J Trop Med Hyg.* 2015;93(3 Suppl):42-56. PubMed PMID: 26259939; PubMed Central PMCID: PMC4574273.
177. Walldorf JA, Cohee LM, Coalson JE, Bauleni A, Nkanaunena K, Kapito-Tembo A, Seydel KB, Ali D, Mathanga D, Taylor TE, Valim C, Laufer MK. School-age children are a reservoir of malaria infection in Malawi. *PLoS One.* 2015; 24;10(7):e0134061. PubMed PMID: 26207758; PubMed Central PMCID: PMC4514805.

178. Daniels RF, Schaffner SF, Wenger EA, Proctor JL, Chang HH, Wong W, Baro N, Ndiaye D, Fall FB, Ndiop M, Ba M, Milner DA Jr, Taylor TE, Neafsey DE, Volkman SK, Eckhoff PA, Hartl DL, Wirth DF. Modeling malaria genomics reveals transmission decline and rebound in Senegal. *Proc Natl Acad Sci U S A*. 2015;112(22):7067-72. PubMed PMID: 25941365; PubMed Central PMCID: PMC4460456.
179. Greiner J, Dorovini-Zis K, Taylor TE, Molyneux ME, Beare NA, Kamiza S, White VA. Correlation of hemorrhage, axonal damage, and blood-tissue barrier disruption in brain and retina of Malawian children with fatal cerebral malaria. *Front Cell Infect Microbiol*. 2015;5:18. PubMed PMID: 25853095; PubMed Central PMCID: PMC4360761.
180. Milner DA Jr, Lee JJ, Frantzreb C, Whitten RO, Kamiza S, Carr RA, Pradham A, Factor RE, Playforth K, Liomba G, Dzamalala C, Seydel KB, Molyneux ME, Taylor TE. Quantitative assessment of multiorgan sequestration of parasites in fatal pediatric cerebral malaria. *J Infect Dis*. 2015;212(8):1317-21. PubMed PMID: 25852120; PubMed Central PMCID: PMC4577044.
181. Artimovich E, Kapito-Tembo A, Pensula P, Nyirenda O, Brown S, Joshi S, Taylor TE, Mathanga D, Escalante AA, Laufer MK, Takala-Harrison S. The effect of local variation in malaria transmission on the prevalence of sulfadoxine-pyrimethamine resistant haplotypes and selective sweep characteristics in Malawi. *Malar J* 2015;14:387. PMID: 26437774.
182. Boudová S, Divala T, Mawindo P, Cohee L, Kalilani-Phiri L, Thesing P, Taylor TE, Lauker MK. The prevalence of malaria at first antenatal visit in Blantyre, Malawi declined following a universal bed net campaign. *Malar J* 2015;14:422. PMID 26510414.
183. Mandala WL, Msefula CL, Gondwe EN, Gilchrist JJ, Graham SM, Pensulo P, Mwimaniwa G, Banda M, Taylor TE, Molyneux EE, Drayson MT, Ward SA, Molyneux ME, MacLennan CA. Lymphocyte perturbations in Malawian children with severe and uncomplicated malaria. *Clin Vaccine Immunol* 2015;23(2):95-103. PMID 26581890
184. Pappa V, Seydel K, Gupta S, Reintuch CM, Potchen MJ, Kampondeni S, Foldman-Yassen A, Veenstra M, Lopez L, Kim RS, Berman JW, Taylor T, Daily JP. Lipid metabolites of the phospholipase A2 pathway and inflammatory cytokines are associated with brain volume in paediatric cerebral malaria. *Malar J* 2015;14:513. PMID 26691993
185. Kremsner PG, Adegnika AA, Hounkpatin AB, Zinsou JF, Talor TE, Chilmlizena Y, Lilomba A, Kombila M....Krishna S. Intramuscular artesunate for severe malaria in African children: a multicenter randomized controlled trial. *PLoS Med* 2016;13(1):e1001938. PMID 26757276
186. Feintuch CM, Saidi A, Seydel K, Chen G, Goldman-Yassen A, Mita-Mendoza NK, Kim RS, Frenette PS, Taylor T, Daily JP. Activated neutrophils are associated with pediatric cerebral malaria vasculopathy in Malawian children. *MBio* 2016;7(1) e01300-15. PMID 26884431
187. Joice R, Frantzreb C, Pradham A, Seydel KB, Kamiza S, Wirth DR, Duraisingh MT, Molyneux ME, Taylor TE, Marti M, Milner DA Jr. Evidence for splenic dysfunction in malaria-HIV co-infection in a subset of pediatric patients. *Mod Pathol* 2016;29(4):381-90. PMID 26916075

188. Buchwald AG, Walldorf JA, Cohee LM, Coalson JE, Chimbiya N, Bauleni A, Nkanaunena K, Ngwira A, Kapito-Tembo A, Mathanga DP, Taylor TE, Laufer MK. Bed use among school-aged children after a universal bed net campaign in Malawi. *Malar J* 2016;15:127. PMID 26928321
189. Mbale EW, Moxon CA, Mukaka M, Chagomerana M, Glover S, Chisala N, Omar S, Molyneux M, Seydel K, Craig AG, Taylor T, Heyderman RS, Mallewa M. HIV coinfection influences the inflammatory response but not the outcome of cerebral malaria in Malawian children. *J Infect* 2016;73(30):189-99. PMID 27311750
190. Laurens MB, Mungwira RG, Nyirenda OM, Divala TH, Kanjala M, Muwalo F, Mkandawire FA, Tsirizani L, Nyangulu W, Mwinjiwa E, Taylor TE, Mallewa J, Blackwelder WC, Plowe CV, Laufer MK, van Oosterhout JJ. TSCQ study: a randomized, controlled, open-label trial of daily trimethoprim-sulfamethoxazole or weekly chloroquine among adults on antiretroviral therapy in Malawi: study protocol for a randomized controlled trial. *Trials* 2016;17(1):322. PMID 27431995.
191. Cohee L, Kalilani-Phiri L, Mawindo P, Joshi S, Adams M, Kenefic L, Jacob CG, Taylor TE, Laufer MK. Parasite dynamics in the peripheral blood and the placenta during pregnancy-associated malaria infection. *Malar J* 2016;15(1):483. PMID 27653788
192. Moxon CA, Zhao L, Li C, Seydel KB, MacCormick IJ, Diggle PJ, Mallewa M, Solomon T, Beare NA, Glover SJ, Harding SP, Lewallen S, Kampondeni S, Potchen MJ, Taylor TE, Postels DG. Safety of lumbar puncture in comatose children with clinical features of cerebral malaria. *Neurology* 2016;87(22):2355-2362.
193. Coalson JE, Walldorf JA, Cohee LM, Ismail MD, Mathanga D, Cordy RJ, Marti M, Taylor TE, Seydel KB, Laufer MK, Wilson ML. High prevalence of *Plasmodium falciparum* gametocyte infections in school-age children using molecular detection: patterns and predictors of risk from a cross-sectional study in southern Malawi. *Malar J* 2016;15(91):527. PMID 27809907
194. Mathanga DP, Tembo AK, Mzilahowa T, Bauleni A, Mtimaukenena K, Taylor TE, Valim C, Walker ED, Wilson ML. Patterns and determinants of malaria risk in urban and peri-urban areas of Blantyre, Malawi. *Malar J*. 2016 Dec 8;15(1):590. PMID: 27931234

*Genetic studies for which TT primarily supplied DNA from well characterized patients*

---

Ackerman H, Usen S, Mott R, Richardson A, Sisay-Joof F, Katundu P, Taylor TE, Ward R, Molyneux ME, Pinder M, Kwiatkowski D. Haplotypic analysis of the *TNF* locus by association efficiency and entropy. *Genome Biology* 2003, 4:R24 .

Fry AE, Griffiths MJ, Auburn S, Diakite M, Forton JT, Green A, Richardson A, Wilson J, Jallow M, Sisay-Joof F, Pinder M, Peshu N, Williams TN, Marsh K, Molyneux ME, Taylor TE, Rockett KA, Kwiatkowski DP. Common variation in the ABO glycosyl-transferase is associated with susceptibility to severe *Plasmodium falciparum* malaria. *Hum Mol Genet* 2008;17(4):567-76.

Fry AE, Auburn S, Diakite M, Green A, Richardson A, Wilson J, Jallow M, Sisay-Joof F, Pinder M, Griffiths MJ, Peshu N, Williams TN, Marsh K, Molyneux ME, Taylor TE, Rockett KA, Kwiatkowski DP. Variation in the ICAM 1 gene is not associated with severe malaria phenotypes. *Genes Immun* 2008 Jul;9(5):462-9.

Auburn S, Diakite M, Fry AE, Ghansah A, Campino S, Richardson A, Jallow M, Sisay-Joof F, Pinder M, Griffiths MJ, Peshu N, Williams TN, Marsh K, Molyneux ME, Taylor TE, Koram KA, Oduro AR, Rogers WO, Rockett KA, Haldar K, Kwiatkowski DP. Association of the GNAS locus with severe malaria. *Hum Genet* 2008 Dec;124(5):499-504.

Malaria Genomic Epidemiology Network. A global network for investigating the genomic epidemiology of malaria. *Nature* 2008;456(7223):732-7.

Auburn S, Diakite M, Fry AE, Ghansah A, Campino S, Richardson A, Jallow M, Sisay-Joof F, Pinder M, Griffiths MJ, Peshu N, Williams TN, Marsh K, Molyneux ME, Taylor TE, Koram KA, Oduro AR, Rogers WO, Rockett KA, Haldar K, Kwiatkowski DP. Association of the GNAS locus with severe malaria. *Hum Genet* 2008;124(5):499-506.

Mangano VD, Clark TG, Auburn S, Campino S, Diakite M, Fry AE, Green A, Richardson A, Jallow M, Sisay-Joof F, Pinder M, Griffiths MJ, Newton C, Peshu N, Williams TN, Marsh K, Molyneux ME, Taylor TE, Modiano D, Kwiatkowski DP, Rockett KA. Lack of association of interferon regulatory factor 1 with severe malaria in affected child-parental trio studies across three African populations. *PLoS One* 2009;4(1):e4206.

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, Widdon 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. Genome-wide and fine-resolution association analysis of malaria in West Africa. *Nat Genet.* 2009;41:657-665.

Fry AE, Ghansa A, Small KS, Palma A, Auburn S, Diakite M, Green A, Campino S, Teo YY, Clark TG, Jeffreys AE, Wilson J, Jallow M, Sisay-Joof F, Pinder M, Griffiths MJ, Peshu N, Williams TN, Newton CR, Marsh K, Molyneux ME, Taylor TE, Koram KA, Oduro AR, Rogers WO, Rockett KA, Sabeti PC, Kwiatkowski DP. Positive selection of a CD36 nonsense variant in sub-Saharan Africa, but no association with severe malaria phenotypes. *Hum Mol Genet.* 2009 Jul 15;18(14):2683-92.

Campino S, Forton J, Auburn S, Fry A, Diakite M, Richardson A, Hull J, Jallow M, Sisay-Joof F, Pinder M, Molyneux ME, Taylor TE, Rockett K, Clark TG, Kwiatkowski DP. TLR9 polymorphisms in African populations: no association with severe malaria, but evidence of cis-variants acting on gene expression. *Malar J*. 2009 Mar 13;8:44.

Clark TG, Diakite M, Auburn S, Campino S, Fry AE, Green A, Richardson A, Small K, Teo YY, Wilson J, Jallow M, Sisay-Joof F, Pinder M, Griffiths MJ, Peshu N, Williams TN, Marsh K, Molyneux ME, Taylor TE, Rockett KA, Kwiatkowski DP. Tumor necrosis factor and lymphotoxin-alpha polymorphisms and severe malaria in African populations. *J Infect Dis*. 2009 Feb 15;199(4):569-75.

Auburn S, Fry AE, Clark TG, Campino S, Diakite M, Green A, Richardson A, Jallow M, Sisay-Joof F, Pinder M, Molyneux ME, Taylor TE, Haldar K, Rockett KA, Kwiatkowski DP. Further evidence supporting a role for gs signal transduction in severe malaria pathogenesis. *PLoS One*. 2010 Apr 1;5(4):e10017. PMID: 20386734.

Band G, LeQS, Jostins L, Pirinen M, Kivinen K, Jallow M, Sisay-Joof F, Bojang K, Pinder M, Sirugo G, Conway DJ, Nyirongo V, Kachala D, Molyneux M, Taylor T, Ndila C, Peshu N, Marsh K, Williams TN, Alcock D, Andrews R, Edkins S, Gray E, Hubbart C, Jeffreys A, Rowlands K, Schuldt K, Clark TG, Small KS, Teo YY, Kwiatkowski DP, Rockett KA, Barrett JC, Spender CC; Malaria Genomic Epidemiological Network. Imputation-based meta-analysis of severe malaria in three African populations. *PLoS Genet* 2013;9(5):e1003509. PMID: 23717212

Kariuki SM, Rockett K, Clark TG, REygun H, Agbenyega T, Taylor TE, Birbeck GL< Williams TN, Newton DR. The genetic risk of acute seizures in African children with falciparum malaria. *Epilepsia* 2013;54(6):990-1001. PMID 23614351

Band G, Le QS, Jostins L, Pirinen M, Kivinen K, Jallow M, Sisay-Joof F, Bojang K, Pinder M, Sirugo G, Conway DJ, Nyirongo V, Kachala D, Molyneux M, Taylor T, Ndila C, Peshu N, Marsh K, Williams TN, Alcock D, Andrews R, Edkins S, Gray E, Hubbart C, Jeffreys A, Rowlands K, Schuldt K, Clark TG, Small KS, Teo YY, Kwiatkowski DP, Rockett KA, Barrett JC, Spencer CC; Malaria Genomic Epidemiology Network. Imputation-based meta-analysis of severe malaria in three African populations. *PLoS Genet*. 2013;9(5):e1003509. doi: Erratum in: *PLoS Genet*. 2013 Jun;9(6). Malaria Genomic Epidemiological Network [corrected to Malaria Genomic Epidemiology Network]. PMID: 23717212

Malaria Genomic Epidemiology Network. Reappraisal of known malaria resistance loci in a large multicenter study. *Nat Genet* 2014;46(11):11970294. PMID 225261933

Malaria Genomic Epidemiology Network, Band G, Rockett KA, Spencer CC, Kwiatkowski DP. A novel locus of resistance to severe malaria in a region of ancient balancing selection. *Nature* 2015;526(7572):253-7. PubMed PMID: 26416757; PubMed Central PMCID: PMC4629224.

Uyoga S, Ndila CM, Macharia AW, Nyulu G, Shah S, Peshu N, Clarke GM, Kwiatkowski DP, Rockett KA, Williams TN, MalariaGEN Consortium. Glucose-6-phosphate

July 2017

dehydrogenase deficiency and the risk of malaria and other disease in Kenya: a case-control and a cohort study. *Lancet Haematol* 2015 (10):e437-44. PMID 26686045

Busby GB, Band G, Si Le Q, Mallow M.....Rocket tKA, Kwiatkowski DP, Spender DD, Malaria Genomic Epidemiology Network. Admixture into and within sub-Saharan Africa. *Elife* 2016;5. Pii:e15266. PMID 27324836.