



2009 Annual Report

February 2010

Africa Fighting Malaria (AFM) was formed as a Section 21 non-profit company in South Africa in May 2000 and as a 501(c)3 non-profit in the United States in June 2003. AFM's mission is to make malaria control more transparent, responsive and effective through investigative research and global advocacy. AFM combines technical expertise and strategic communications to hold public, private and non-profit institutions accountable for the promises they make, the funds they spend and the campaigns they undertake. AFM's aim is to ensure sound, integrated and country-driven malaria control policies that are based on solid scientific evidence.

2009 has been a busy and exciting year for groups involved in malaria control and malaria control policy. Donor and UN agencies are scaling up their response to this preventable and curable disease. African governments are being more proactive in their efforts to control malaria and are devoting more of their own resources to fighting the disease. As funding for malaria control increases, so does the need for an objective, independent, watchdog organization like AFM.

In 2009, AFM continued to conduct and publish original research and advocate for better, more effective programs. This report details AFM's achievements in 2009 and outlines our plans for 2010 and beyond. AFM's publications and media appearances are available in Table 1 and Annex A of this report.

AFM Board and Staff

AFM's board and staff remained unchanged during 2009.

2009 Activities

Indoor Residual Spraying and Advocacy for Public Health Insecticides

During 2009, AFM continued its long-standing advocacy for the use of insecticides in public health and in favor of comprehensive vector control programs. A key component of AFM's work is to support the malaria control programs in many African countries that use insecticides as part of their control efforts. Use of insecticides, however, is not without controversy and AFM regularly responds to research and/or activist pressure that may seek to limit and undermine the use of such chemicals in malaria control.

In May 2009, *Environmental Health Perspectives* (EHP) published "The Pine River Statement: Human Health Consequences of DDT Use." This Statement, authored by 15 scientists from the US and South Africa, summarized information on the health risks of DDT use and made recommendations for public health policy. AFM believes that robust, evidence-based discussion and debate over the role of DDT and other man-made chemicals in malaria control is helpful, especially if such debate could help focus attention on the long-term lack of investment in the



search for legitimate replacement chemicals for DDT. However, the Pine River Statement is unlikely to help in this endeavor. History has taught us that the EHP publication will be heavily misused and misinterpreted by UN organizations, public health authorities and by the general public. AFM's 4th Bulletin published in June 2009 attempted to put the EHP Statement and the resulting announcements from the UNEP and WHO into perspective and called for a more balanced approach to malaria control that does not embrace the bias of an anti-chemicals agenda.

In October 2009, the *British Journal of Urology International* published a study by Professor Riana Bornman and colleagues entitled "DDT and urogenital malformations in newborn boys in a malarial area." The study measured the prevalence of external urogenital birth defects in 3310 newborn baby boys, some of whom were from malarial areas whose houses had been sprayed with DDT. The study concluded that mothers living in houses that had been sprayed with DDT had a 33% greater chance of having a baby with a urogenital birth defect than mothers living in houses that had not been sprayed. AFM welcomes studies that provide the public health community with improved understanding of public health interventions. However, Bornman's research is neither informative nor instructive and could severely undermine malaria control. AFM worked with several colleagues from southern Africa to evaluate the Bornman study and found several shortcomings and inconsistencies. In October 2009, AFM published a response outlining some of these issues, and AFM's Richard Tren had an article published in *South Africa's Business Day*. In January 2010, AFM submitted a detailed letter for consideration to the *British Journal of Urology International*, which was accepted and is expected to be published in May 2010, alongside a rebuttal by Bornman.

In November 2009, Henk van den Berg had a review published in *Environmental Health Perspectives* (EHP) entitled "Global Status of DDT and Its Alternatives for Use in Vector Control to Prevent Disease" in which he raised concerns about the impact of DDT on human health. AFM's Richard Tren and Donald Roberts wrote a detailed response to van den Berg paper, which was published in EHP on January 1, 2010.

EU Pesticide Regulations

In 2008, AFM actively engaged in opposing European Union legislation that would have severely affected the availability of public health insecticides for disease control. AFM coordinated a letter of petition to the EU signed by around 170 senior scientists and public health experts. AFM's Richard Tren gave presentations on the dangers the regulations posed for malaria control at forums in London and Brussels, including the European Parliament. AFM argued that any failure to amend the regulations should be mitigated by EU commitment to increase funding and research for insecticides specifically developed for public health. The proposals were voted on by the European Parliament in early 2009 and the final regulations were less draconian and more reasonable, thanks in part to AFM's advocacy.

Throughout much of January 2009, AFM in collaboration with the Campaign for Fighting Diseases generated impressive media coverage around the proposed regulations both in print and in radio and television interviews. Richard Tren published a commentary piece on the EU regulations in May 2009 in the *Canadian Medical Association Journal* (CMAJ).



Safe Medicines Project

In 2008, AFM had collected and tested antimalarial, antibiotic and antituberculosis drugs from pharmacies in Delhi, India, since many of the drugs consumed in Africa are manufactured in India. Further collecting and testing was conducted in Chennai, India in March 2009, and the results were published in June 2009 in *PLoS ONE*.

AFM also re-tested samples of expired fixed-dose combination artemether-lumefantrine in February 2009 to determine the chemical and physical stability of the drug beyond its expiration date. AFM's research was published that same month in the *Malaria Journal*. AFM's research found the antimalarial drug to be stable beyond its 2-year shelf-life and suggested that further more detailed stability testing with a view to extending the shelf-life was warranted. Subsequent discussions with the research scientists at Novartis reveal that at some stage the shelf-life will be extended, probably to three years.

In April 2009, AFM published a paper in the *African Journal of Pharmacy and Pharmacology* comparing Raman spectrometry and near-infrared spectrometry against thin-layer chromatography and disintegration testing to identify substandard drugs in the field. AFM believes a paper comparing the different technologies would be useful for both researchers and donor agencies.

As part of AFM's ongoing work in drug safety, AFM also explored the transit of drugs from website pharmacies to understand how fake and substandard drugs are traded. In August 2009, AFM published a paper examining drug purchasing over the Internet, by comparing the sales of five popular drugs from a selection of website pharmacies stratified by NABP or other ratings. The drugs were assessed for price, conditions of purchase, and basic quality.

Based on AFM's research, many pharmaceutical companies continue to produce and market oral artemisinin monotherapies, which will accelerate the rate at which resistance to this class of drugs develops. In December 2008, AFM addressed a letter requesting that the Global Fund to Fight AIDS, TB and Malaria use its financial power to eliminate the production and distribution of oral artemisinin monotherapies. The Global Fund would prohibit the procurement of products from companies that continue to produce monotherapies as well as prohibit the distribution of funds to countries that have not de-listed monotherapies from their national registries. AFM suggested that these policies could initially pertain to manufacturers and countries participating in the Affordable Medicine Facility-malaria (AMFm) but should ultimately become a global public health policy. In January 2009, AFM addressed letters along the same lines to the World Health Organization, World Bank, UNICEF and the Department for International Development; only the World Bank responded. However, there was renewed commitment in 2009 to eliminate oral artemisinin monotherapies. The Global Fund's AMFm Ad Hoc Committee announced that manufacturers would only be eligible to participate in the AMFm if they agreed not to sell or market oral artemisinin monotherapies. In addition, the Roll Back Malaria Partnership adopted a resolution banning monotherapies at their 17th board meeting in December 2009. The World Health Organization also reiterated its call for a halt in the production and use of these medicines in its World Malaria Report 2009.



AFM continued its role of commenting and critiquing malaria control policy by publishing a commentary piece authored by Roger Bate and Kimberly Hess in the prestigious *Lancet Infectious Diseases* on the AMFm. AFM believes that there is insufficient evidence that the AMFm will achieve the goal of increasing access of ACTs to the poor. AFM also believes that the opportunity costs of the AMFm could be considerable, and it is a case study of advocacy for an intervention getting ahead of the evidence.

World Malaria Day 2009

Roll Back Malaria's theme for World Malaria Day 2009 was "Counting Malaria Out". AFM supports the Roll Back Malaria Partnership in their efforts to improve data collection and track progress of malaria control. AFM has been focusing its efforts on 'counting out' poor-quality antimalarial drugs. Access to safe and effective treatment is vital in the fight against malaria. For World Malaria Day 2009, AFM published a paper exploring some of the challenges facing antimalarial drugs and provided suggestions for a way forward.

March of Washingtons

In May 2008, Hedge Funds vs. Malaria & Pneumonia and AFM teamed up to launch a broad-based campaign to buy and distribute high-quality antimalarial drugs for people in Africa, and test for fake and substandard antimalarial drugs on sale in African markets. For every dollar raised, AFM provides a person in Africa with a safe and effective malaria treatment, and conducts quality control testing of antimalarial drugs on the market in Africa. A website for the campaign was launched in October 2008 at www.marchofwashingtons.org. In May 2009, AFM distributed its first donation of \$30,000 for antimalarial drugs to Soft Power Health's clinic in Uganda.

Funds from the March of Washingtons were also used to collect and test antimalarial drugs on sale in private pharmacies in Zambia. In March 2009, AFM published a report of its findings. Funds were also used to collect and test essential drugs from pharmacies in Lagos, Nigeria, and conduct informal surveys of doctors, pharmacists, and healthcare workers in Lagos, Ondo and Ogun. AFM published a working paper with its findings in August 2009.

On September 15, 2009, Paltalk (a March of Washingtons Founding Partner) hosted a discussion about malaria with several speakers, including AFM's Richard Tren.

As of February 2, 2010, a total of \$83,307 has been raised by the March of Washingtons.

Local Drug Production

Many Africans lack access to essential medicines as a result of poverty, poor patient education, procurement and distribution failures, inadequate healthcare facilities, and relatively high drug prices. The international community has focused its efforts primarily on the issue of price to increase access. It has influenced drug pricing by pressuring innovators to lower their price, and



by encouraging competition from various generic producers through compulsory licensing. Despite these efforts, however, access to medicines has remained limited.

The latest cost-reduction strategy is a push for local drug production. It is tempting for developing country governments to promote local production as a solution for lack of access to drugs. Such production can be beneficial where producers are efficient and comply with good manufacturing practices. It is hoped that local drug production will increase supply, decrease price and hence increase access. But where local and foreign businessmen take advantage of taxpayer and donor agency largesse and are protected by local governments, the outcomes are rarely beneficial to the general population, and could well be harmful.

AFM published a paper in September 2009 examining the experience of one local drug producer in Uganda, Quality Chemical Industries Limited, to assess whether local production is a viable strategy for many developing countries, particularly in Africa.

Antimalarial Drug Procurement

In October 2009, AFM submitted a commentary for consideration to the *Malaria Journal* about the procurement of antimalarial drugs in Kenya and Uganda. Kenya recently awarded the tender for its annual supply of the antimalarial artemether-lumefantrine to the lowest bidder, Ajanta Pharma. Consequently, Kenya experienced wide stock-outs in part due to the company's inability to supply the order in full and on time. Similar problems could arise in Uganda, since it has also awarded its next tender to Ajanta Pharma. A tender process based primarily on price cannot account for a company's ability to consistently supply sufficient product in time. The commentary was published in the *Malaria Journal* in December 2009.

LSDI Regional Control Mechanism (RCM)

AFM continues to hold a position on the RCM of the LSDI, the highly successful and innovative Swazi, South African, Mozambican malaria control program. AFM is the official advocacy partner and will assist the LSDI in telling its story internationally and building wider support for the interventions that have been successfully implemented – IRS, improved treatment with ACTs and insecticide treated nets.

Field Visits

AFM staff conducted an extended field visit to Uganda from April to May 2009 conducting research into the tariff and non-tariff barriers affecting the importation and distribution of antimalarial commodities. As malaria control is a commodity-heavy intervention, control programs can often be severely and negatively affected by delays and bureaucratic barriers that not only stop the timely delivery of products but can add to the cost of delivery considerably. AFM is currently working on a larger advocacy program to eliminate these barriers.

AFM staff also conducted field visits to communicate with malaria control program staff in southern Africa, specifically Mozambique and Namibia. AFM staff also participated in several



high-level meetings and workshops in South Africa to support regional malaria control and eradication.

Media Coverage

AFM placed articles and letters in the South African and international press. Among others, the publications included *Business Day*, *Wall Street Journal* and *New Vision*. AFM believes there is great value in influencing public opinion through the media, and in improving the understanding of malaria control and the many issues that public health programs face in poor countries.

AFM continued to be a resource for the electronic media. Richard Tren, Roger Bate and Jasson Urbach appeared on radio and television programs in Africa, Europe and the US.

Table 1: AFM in the media

Publication	Title	Author	Date
Blog Coverage			
Foreign Policy	Shelving malaria	Roger Bate	April 2, 2009
Online Media Coverage			
Real Clear World	The United Nations' Retreat From Science in Controlling Malaria	Roger Bate	May 13, 2009
Op-eds			
Western Daily Press	Don't ban one in four pesticides	Richard Tren	January 15, 2009
Daily Nation	Europe has taken two steps backwards over food safety	Richard Tren	January 19, 2009
Ottawa Citizen	EU pesticide ban threatens millions	Richard Tren	January 19, 2009
Daily Trust	Two steps back on food safety	Richard Tren	January 20, 2009
The Province	Environmental victory a defeat for science	Richard Tren	January 20, 2009
Business Day	EU food safety legislation is poison	Richard Tren	January 22, 2009
ModernGhana.com	EU: False Fears Pose Real Threat To Africa	Jasson Urbach	January 24, 2009
The New Vision	EU's false insecticide fears pose real threat to Africa	Jasson Urbach	January 25, 2009
Daily Independent	Africa: EU - False Fears Pose Real Threats to Continent	Jasson Urbach	January 26, 2009
Legalbrief Today	EU food safety legislation poisonous for SA	Richard Tren	January 27, 2009
AfricanLiberty.org	EU: False Fears Pose Real Threat To Africa	Jasson Urbach	January 27, 2009
AfricanLiberty.org	Zimbabwe's Inhumane Economic and Health Care Disaster	Jasson Urbach	January 29, 2009
iafrica.com	No Zion for Zimbabwe	Jasson Urbach	February 4, 2009
The Herald	New European laws could unwittingly assign millions of Africans to the clutches of malaria	Richard Tren	February 17, 2009
SciDev.Net	New insecticides are crucial in battle against malaria	Roger Bate	February 19, 2009
Business Daily	Insecticides are crucial in battle against malaria	Roger Bate	February 25, 2009
Sunday Monitor	'Nets alone cannot fight malaria'	Roger Bate	March 1, 2009
Economic Affairs	India Improves Efforts to Prevent Fake Drugs	Roger Bate	March 1, 2009

Publication	Title	Author	Date
On Line Opinion	New insecticides are crucial in battle against malaria	Roger Bate	March 10, 2009
The New Ledger	Counterfeit Drug Policy in India	Roger Bate	March 12, 2009
The New Ledger	The United Nations' Retreat From Science in Controlling Malaria	Roger Bate	May 12, 2009
SciDev.Net	New tools to fight fake medicines	Roger Bate	May 13, 2009
ModernGhana.com	UN disarms Weapon of Malarial Destruction	Roger Bate	May 16, 2009
The New Ledger	East Africa: Battleground on Counterfeit Drugs	Roger Bate	June 23, 2009
ThisDay Online	Is War against Bad Medicine Paying off?	Roger Bate & Thompson Ayodele	August 1, 2009
GhanaDot.com	Drug Use in Nigeria	Roger Bate & Thompson Ayodele	August 3, 2009
The New Ledger	Drugs, Importation, and the Internet: A New Study	Roger Bate	August 19, 2009
The New Ledger	Will Local Production Help Africa Access Drugs?	Roger Bate	September 1, 2009
The Wall Street Journal	Protectionism Won't Heal Africa's Sick	Roger Bate	September 28, 2009
Business Day	Dubious studies poison war on malaria	Richard Tren	October 29, 2009
GlobalPost	Opinion: Misguided policies keep life-saving drugs out of reach	Richard Tren & James Taylor	December 17, 2009
Peer-Reviewed Publications			
Malaria Journal	Physical and chemical stability of expired fixed dose combination artemether-lumefantrine in uncontrolled tropical conditions	Roger Bate, Richard Tren, Kimberly Hess and Amir Attaran	February 25, 2009
CMAJ	Insecticides for public health	Richard Tren	March 31, 2009
African Journal of Pharmacy and Pharmacology	Pilot study comparing technologies to test for substandard drugs in field settings	Roger Bate, Richard Tren, Kimberly Hess, Lorraine Mooney & Karen Porter	April 27, 2009
The Lancet Infectious Diseases	Affordable Medicines Facility for malaria	Roger Bate & Kimberly Hess	June 23, 2009
PLoS One	Pilot Study of Essential Drug Quality in Two Major Cities in India	Roger Bate et al	June 23, 2009
Malaria Journal	Drug procurement, the Global Fund and misguided competition policies	Richard Tren, Kimberly Hess & Roger Bate	December 22, 2009
Press Releases			
Medical News Today	Shelf-Life Of Malaria Drugs Could Be Extended	Africa Fighting Malaria	February 26, 2009
MediLexicon	Shelf-Life Of Malaria Drugs Could Be Extended	Africa Fighting Malaria	February 26, 2009
allAfrica.com	Amp'd Apparel Supports March of Washingtons	Africa Fighting Malaria	April 23, 2009

Publication	Title	Author	Date
Los Angeles Chronicle	March of Washingtons Donation for ACTs	Africa Fighting Malaria	May 30, 2009
Health Promotion Motion	March of Washingtons: Fighting Malaria Campaign	Africa Fighting Malaria	May 30, 2009
Medical News Today	The March Of Washingtons Distributes \$30,000 For Antimalarial Drugs In Uganda	Africa Fighting Malaria	June 2, 2009
Roll Back Malaria Partnership	The March of Washingtons Distributes \$30,000 for Antimalarial Drugs in Uganda	Africa Fighting Malaria	June 3, 2009
Radio Coverage			
Voice of America	Malaria Drugs Shelf-Life Possibly Much Longer Than Expected	Richard Tren	February 26, 2009
Paltalk - News Talk Online	Radio Interview	Richard Tren	March 3, 2009
BBC World Service	Radio Interview	Richard Tren	April 16, 2009
Radio Jacaranda	Keeping it Real: Combating the Spread of Fake Drugs in poor countries	Jasson Urbach	May 22, 2009
Radio 702 I-Witness News Bulletin	Keeping it Real: Combating the Spread of Fake Drugs in poor countries	Jasson Urbach	May 26, 2009
Cape Talk News Bulletin	Keeping it Real: Combating the Spread of Fake Drugs in poor countries	Jasson Urbach	May 26, 2009
BBC World Service - Focus on Africa	Radio Interview	Richard Tren	May 29, 2009
Classic FM	Radio Interview	Jasson Urbach & Julian Harris	June 3, 2009
Radio Ripple (90.5 fm)	Radio Interview	Jasson Urbach	November 3, 2009
SA fm	Radio Interview	Jasson Urbach	November 7, 2009
Television Coverage			
SABC International - Health and Environment	TV Interview	Richard Tren & Prof. Maureen Coetzee	January 15, 2009
Web Commentary			
Health Policy Unit	New EU pesticide legislation threatens African malaria control initiatives	Jasson Urbach	January 19, 2009
Health Policy Unit	Zimbabwe's inhumane economic and health care disaster	Jasson Urbach	January 29, 2009
Moneyweb	Finding ways to survive SA's health care 'brain drain'	Jasson Urbach	February 17, 2009
Health Policy Unit	Hope from Zambia on malaria control	Jasson Urbach	March 27, 2009
Health Policy Unit	Celebrating successful malaria control	Jasson Urbach	April 24, 2009
Health Policy Unit	A bitter pill to swallow	Jasson Urbach	May 26, 2009
The American	Web of Drugs	Roger Bate	August 19, 2009
Health Policy Unit	Populations exposed to malaria suffer in silence	Jasson Urbach	September 1, 2009
The American	When Local Production Is Not the Answer	Roger Bate	September 2, 2009
The American	India's Counterfeit Claims on Counterfeit Drugs	Roger Bate	October 1, 2009
Health Policy Unit	Malaria control in South and Southern Africa	Jasson Urbach	October 28, 2009



Website and Newsletter

AFM continued to update its website commentary, news and statistics on a regular basis. The website continued to be a valuable resource for journalists, researchers and students, and AFM received feedback and commentary resulting from web publications. AFM also continued to distribute a biweekly electronic newsletter to over one thousand subscribers. The newsletter more widely disseminates AFM's advocacy work and raises the profile of malaria.

Conferences, Hearings and Outreach

AFM attended and presented at several meetings and conferences, including: the RCM Meeting in Maputo, Mozambique; the NMCP meeting at NICD in Johannesburg; the East and Southern African Annual Planning and Review Meeting in Windhoek, Namibia; the SARN Meeting in Boksburg; the RCM Meeting in Durban; and the SA Malaria Elimination Strategy Meeting in Pretoria.

In May 2009, AFM's Richard Tren presented a paper on advocacy for public health insecticides at a conference in London organized by the US Environmental Protection Agency (EPA) and the UK Chartered Institute of Environmental Health. In addition to speaking at the conference, Richard was also invited by the EPA to participate in the conference steering committee.

In June 2009, Richard Tren attended the Malaria Advocacy Working Group meeting in Geneva where he spoke on taxes and tariffs.

In October 2009, Richard Tren participated in a panel discussion hosted by the American Enterprise Institute (AEI) entitled "Science and Technology in the Balance? Food Security, Precaution, and the Pesticide Debate." He presented on the unintended consequences of pesticide restrictions, such as those being instituted by the European Union. AFM was also invited to submit a chapter on public health insecticides for a book to be published by AEI in early 2010.

AFM also remained an active member of the Malaria Roundtable organized by the Global Health Council in Washington DC.

Anticipated 2010 Activities

AFM will continue to play a crucial watchdog role for malaria in 2010, promoting evidence-based solutions and accountability for public spending. Through its success in 2009, AFM has forged new partnerships that will drive its advocacy through 2010.

DDT Book

AFM continued its work, compiling data and evidence for its definitive book on DDT and malaria control, exposing the faulty science that has marginalized the insecticide, and which continues to hamper the use of insecticides for disease control in general. AFM plans to publish the book by mid-2010 and will hold several events around the time of its publication. AFM will



promote the book in the US, EU and Africa.

Safe Medicines Project and March of Washingtons

AFM will continue to use the results of its research to lobby governments, UN agencies and the Global Fund to ensure the highest standards for drug quality and to stop the procurement of untested drugs with donor funds.

AFM is in the process of restructuring the March of Washingtons website to make it more user-friendly and plans to launch the new site in 2010. AFM also plans to make another donation of high-quality antimalarial drugs to a clinic in a malarial country in Africa during the first quarter of 2010.

AFM will seek to conduct more studies of antimalarial drug quality in private pharmacies in Africa, enriching the existing database and helping to highlight quality gaps as governments, donors and the UN increase access to antimalarial drugs.

AFM will present its findings on fake drugs to the drug policy research group at Harvard Medical School in March.

Academic Collaborations

With funding from the South African banking group ABSA, AFM plans to collaborate with the Medical Research Council and conduct a knowledge, attitudes and practices (KAP) survey of malaria in Limpopo Province of South Africa. This province is slated to participate in the planned Trans-Limpopo Malaria Initiative (TLMI) in collaboration with neighboring Zimbabwe and Botswana.

Malaria – Taxes and Tariffs Project

AFM will continue to work with the Academy for Educational Development on the two-year, Gates Foundation-funded project to investigate and publicize the economic impact of taxes and tariffs on malaria control and development.

Advocacy on IRS and DDT

AFM is the only advocacy group that routinely supports IRS and through its advocacy work defends the use of DDT for malaria control. AFM will continue to work for the funding and creation of comprehensive malaria control programs that include all major interventions and not just those based solely on the delivery of bednets. In this vein, AFM will respond to research and advocacy material that continues to push one intervention to the exclusion of another.



Summary

2009 has been a busy year for AFM. With so much public focus on malaria, our work has been essential to ensure that critical analyses are conducted, and governments and UN agencies focus their efforts on spending public funds in the best possible way to save as many lives as possible.

Much progress has been made against malaria in 2009 and AFM looks forward to working hard in 2010 to improve access to good quality antimalarial drugs and improve policies with regard to insecticides and mosquito control.



Annex A: AFM publications and media coverage of AFM

Publication	Title	Author(s)	Date	Country/ Region	Subject
AFM Reports					
Africa Fighting Malaria	AFM Bulletin #3: Safe Medicines Project - Phase II: The Zambian Case Study	Africa Fighting Malaria	March 2, 2009	United States	Zambia drug study
Africa Fighting Malaria	AFM Bulletin #4: DDT, Malaria Control and Anti-Chemicals Advocacy: A Response to the 'Pine River Statement'	Africa Fighting Malaria	June 9, 2009	United States	Response to the EHP Pine River Statement
Africa Fighting Malaria	Drug Use in Nigeria	Africa Fighting Malaria	July 29, 2009	United States	Nigeria drug project
Africa Fighting Malaria	Pilot Study of Internet Drug Availability, Pricing, and Quality	Roger Bate, Kimberly Hess & Robert Brush	August 19, 2009	United States	Internet drug study
Africa Fighting Malaria	The push for local production, costs and benefits - A case study of Uganda's Quality Chemicals	James Taylor, Roger Bate, Emily Putze, Richard Tren	September 2, 2009	United States	Quality Chemicals and local production
Africa Fighting Malaria	A response to the paper entitled "DDT and urogenital malformations in newborn boys in a malarial area"	Africa Fighting Malaria	October 26, 2009	United States	Bornman et al study on DDT and UGBDs
Blog Coverage					
The Adam Smith Institute Blog	EU to vote on killing Africans	Caroline Boin	January 9, 2009	United Kingdom	EU Pesticide Regulations
TropIKA.net	The EU's Nasty Bite: How the EU's new pesticide regulations will harm the fight against malaria	Paul Chinnock	January 20, 2009		EU Pesticide Regulations
EU Referendum	Stacking up trouble	Editor	January 26, 2009	United Kingdom	EU Pesticide Regulations
National Review Online	'Target: Malaria'	Veronique de Rugy	April 24, 2009	United States	Peter Chernin's WSJ article
Campaign for Fighting Diseases	March of Washingtons - website launched	Julian Harris	April 28, 2009	United Kingdom	March of Washingtons
Entropy Quote	Africa Fighting Malaria Responds To Berkeley University Study Into DDT And Neurodevelopment In Children	Editor	July 13, 2009		DDT and neurodevelopment study



Publication	Title	Author(s)	Date	Country/ Region	Subject
Spicy IP	Government to introduce a whistle blower scheme in a bid to counter spurious drugs	Prashant Reddy	August 3, 2009	India	PLoS One Study on drug quality in India
TropIKA.net	Gains against malaria large but fragile, says new report	Patrick	December 21, 2009		WHO World Malaria Report 2009
Malaria Free Future	Procurement bottlenecks - whose fault and can they be fixed?	Bill Brieger	December 23, 2009	United States	Kenya and Uganda procurement of malaria drugs through GF
Speaking of Medicine	Cheaper malaria drugs but more stockouts in Africa?	Susan Jones	December 23, 2009	United States	Kenya and Uganda procurement of malaria drugs through GF
Media Coverage					
Business Day	SA scientists oppose EU pesticide rules	Tamar Kahn	January 13, 2009	South Africa	EU Pesticide Regulations
Daily Independent	EU Threatens Africa with Precaution	Franklin Cudjoe & Erin Wildermuth	January 13, 2009	Nigeria	EU Pesticide Regulations
The New Vision	EU threatens Africa with sweeping ban on pesticides	Franklin Cudjoe	January 14, 2009	Uganda	EU Pesticide Regulations
BBC News	EU's pesticides ban raises issues	James Melik	January 15, 2009	United Kingdom	EU Pesticide Regulations
The African Executive	EU Pesticides Regulations to Undermine Fight Against Malaria	Campaign for Fighting Diseases	January 15, 2009	Kenya	EU Pesticide Regulations
La Repubblica	Stop ai pesticidi? Male per l'Africa	Maurizio Paganelli	January 29, 2009	Italy	EU Pesticide Regulations
The Lancet Infectious Diseases	Artemisinin resistance could endanger fight against malaria	Talha Burki	April 30, 2009	United Kingdom	Antimalarial drug resistance
The Telegraph	Lid off substandard medicine Malaria, TB, typhoid pills fail test despite panel alert	G.S. Mudur	July 31, 2009	India	PLoS One Study on drug quality in India
Wing Beats	Africa Fighting Malaria: On the Front Lines of Advocacy for Malaria Control and Public Health Insecticides	Donald Roberts	Summer 2009	United States	Africa Fighting Malaria
Media Outreach					
Center for Media & Democracy	Interview - Richard Tren	Rob Zaleski	January 26, 2009	United States	Malaria prevention



Publication	Title	Author(s)	Date	Country/ Region	Subject
Self Magazine	Interview - Roger Bate	Katherine Eban	May 26, 2009	United States	Generic drugs
Online Media Coverage					
Critical Opinion	EU Threatens Africa with Precaution	Franklin Cudjoe & Erin Wildermuth	January 9, 2009	United Kingdom	EU Pesticide Regulations
Global Health Reporting	New E.U. Pesticide Regulations Could Hinder Malaria Control, Advocates Say	Kaiser Family Foundation	January 13, 2009	United States	EU Pesticide Regulations
Univers-nature	L'Union Européenne va diminuer l'utilisation des pesticides	Cécile Cassier	January 14, 2009	France	EU Pesticide Regulations
Expansion Edicion Impresa	Malaria en el Parlamento Europeo	Gabriel Calzada	January 16, 2009	Spain	EU Pesticide Regulations
Global Health Reporting	Malaria <i>BBC News</i> Examines Reaction to New E.U. Pesticide Regulations That Could Affect Malaria Control Efforts	Kaiser Family Foundation	January 16, 2009	United States	EU Pesticide Regulations
foodnavigator-usa.com	In praise of pesticides	Mike Stones	January 19, 2009	United States	EU Pesticide Regulations
7thSpace Interactive	Physical and chemical stability of expired fixed dose combination artemether-lumefantrine in uncontrolled tropical conditions	Editor	February 25, 2009		Malaria Journal Study
Global Health Reporting	Shelf Life of Malaria Drug Artemether-Lumefantrine Longer Than Previously Thought, Study Says	Kaiser Family Foundation	February 27, 2009	United States	Malaria Journal Study
Global Health Reporting	Reducing Malaria Burden Requires New Research on Insecticides, Opinion Piece Says	Kaiser Family Foundation	March 2, 2009	United States	Public Health Insecticides
SciDev.Net	EU pesticide ban 'will harm malaria control'	Sharon Davis	March 25, 2009	United Kingdom	EU Pesticide Regulations
Reuters AlertNet	EU pesticide ban 'will harm malaria control'	Sharon Davis	March 26, 2009	United Kingdom	EU Pesticide Regulations
Associated Press	Treating kids with malaria at home doesn't work	Maria Cheng	April 14, 2009	United Kingdom	Lancet study on home management and the AMFm
Washington Post	Treating kids with malaria at home doesn't work	AP Feed	April 14, 2009	United States	Lancet study on home management and the AMFm



Publication	Title	Author(s)	Date	Country/ Region	Subject
San Francisco Chronicle	Treating kids with malaria at home doesn't work	AP Feed	April 14, 2009	United States	Lancet study on home management and the AMFm
Las Vegas Sun	Treating kids with malaria at home doesn't work	AP Feed	April 14, 2009	United States	Lancet study on home management and the AMFm
Seattle Times	Treating kids with malaria at home doesn't work	AP Feed	April 14, 2009	United States	Lancet study on home management and the AMFm
ABC News	Treating kids with malaria at home doesn't work	AP Feed	April 14, 2009	United States	Lancet study on home management and the AMFm
guardian.co.uk	Treating kids with malaria at home doesn't work	AP Feed	April 14, 2009	United Kingdom	Lancet study on home management and the AMFm
CBS News	Treating kids with malaria at home doesn't work	AP Feed	April 14, 2009	United States	Lancet study on home management and the AMFm
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