

... From K&S Consulting ...

13 March 2008, Resource

'Open access is vital for development research'

Researchers, funding agencies and publishers in the wealthy nations should actively work to eliminate the barriers that still prevent many colleagues in developing countries from accessing relevant research results. 'The main obstacles are no longer technological but have to do with licensing and access control,' says Wageningen malaria researcher Dr Bart Knols.

... Publications ...

Responding to infectious diseases in Burma and her border regions ([Open access](#))

Chris Beyrer and Thomas J Lee

Conflict and Health 2008, 2:2

In January of 2007 an international scientific conference "Responding to Infectious Diseases in the Border Regions of South and Southeast Asia" was conducted by our collaborative group, and hosted by the Faculty of Tropical Medicine of Mahidol University in Bangkok, Thailand. The diseases of concern included HIV/AIDS, TB, malaria, neglected tropical diseases prevalent in Burma including filariasis, anthrax, Japanese encephalitis, and the emergent epidemic of Avian Influenza.

Hydrological modeling of geophysical parameters of arboviral and protozoan disease vectors in Internally Displaced People camps in Gulu, Uganda ([Open access](#))

Jacob B, Muturi E, Caamano E, Gunter J, Mpanga E, Ayine R, Okelloonen J, Pen-Mogi Nyeko J, Shililu J, Githure J, Regens J, Novak R, Kakoma I

International Journal of Health Geographics, 2008 7:11 (14 March 2008)

These data demonstrate that optical remote sensing, geostatistics and DEMs can be used to identify parameters associated with Culex and Anopheles aquatic habitats.

Long-term field performance of a polyester-based long-lasting insecticidal mosquito net in rural Uganda ([Open access](#))

Albert Kilian, Wilson Byamukama, Olivier Pigeon, Francis Atieli, Stephan Duchon, Chi Phan

Malaria Journal 2008, 7:49 (20 March 2008)

This study confirms that PermaNet 2.0 warrants full recommendation by the standards set by WHOPES, since the majority of nets exceeded the three-year threshold and, as it is the first of its kind to use the WHOPES methodology, it will set the scientific standards for future evaluations. It also demonstrates that, for 'coating' LLIN, it is not the washing that is the main factor responsible for removing insecticide from the netting, but routine handling.

Real-time PCR/MCA assay using fluorescence resonance energy transfer for the genotyping of resistance related DHPS-540 mutations in Plasmodium falciparum ([Open access](#))

Petra F Mens, Chantal van Overmeir, Maryline Bonnet, Jean-Claude Dujardin and Umberto d'Alessandro

Malaria Journal 2008, 7:48

FRET/MCA is an effective tool for the identification of SNPs in drug studies and epidemiological surveys on resistance markers in general and DHPS-540 mutation in particular.

Increased Microerythrocyte Count in Homozygous α -Thalassaemia Contributes to Protection against Severe Malarial Anaemia ([Open access](#))

Freya J. I. Fowkes, Stephen J. Allen, Angela Allen, Michael P. Alpers, David J. Weatherall, and Karen P. Day

PLoS Med 5(3): e56

Karen Day and colleagues show that increased microcytic erythrocyte count may contribute substantially to the protection of α -thalassaemia-homozygous children against severe malaria anaemia.

Correctly folded Pfs48/45 protein of Plasmodium falciparum elicits malaria transmission-blocking immunity in mice ([Open access](#))

Nikolay S. Outchkourov et al.

PNAS, March 18, 2008, vol. 105, no. 11, 4301-4305

Our data provide a clear perspective on the clinical development of a Pfs48/45-based TB malaria vaccine.

Detection of Plasmodium falciparum derived macrophage migration inhibitory factor homologue in the sera of malaria patients

Dingding Shao, Zhifu Han, Yahui Lin, Lianhui Zhang, Xiang Zhong, Manling Feng, Yongqiang Guo and Heng Wang

Acta Tropica, Volume 106, Issue 1, April 2008, Pages 9-15

These results will contribute to the understanding of the parasite-derived MIFs role during malaria infection.

Alteration of platelet counts and lipid profiles after treatment of acute Plasmodium vivax

Jang Su Kim et al.

Acta Tropica, Volume 106, Issue 1, April 2008, Pages 39-43

Thus, special attention should be applied when interpreting laboratory blood profiles of malaria patients, especially platelet and lipid based tests, until full recovery after treatment.

Short communication: Herpes simplex labialis in children with acute falciparum malaria

A. Sowunmi, G.O. Gbotosho, A.A. Adedeji, E. Tambo, O.M. Bolaji, C.T. Happi and B.A. Fateye

Acta Tropica, Volume 106, Issue 1, April 2008, Pages 68-71

No abstract available

Short communication: Molecular and phylogenetic analysis of a novel salivary defensin cDNA from malaria vector Anopheles stephensi

Rajnikant Dixit, Arun Sharma, Millind S. Patole and Yogesh S. Shouche

Acta Tropica, Volume 106, Issue 1, April 2008, Pages 75-79

In the present study, we report identification and molecular characterization of a novel cDNA encoding defensin like peptide, isolated from the salivary gland subtractive hybridization cDNA library of mosquito A. stephensi.

Inheritance of pyrethroid resistance in the major malaria vector in southern Africa, *Anopheles funestus*

Okoye, P.N.; Brooke, B.D.; Koekemoer, L.L.; Hunt, R.H.; Coetzee, M.

Annals of Tropical Medicine and Parasitology, Volume 102, Number 3, April 2008 , pp. 275-281(7)

No abstract available

The Plasmodium TRAP/MIC2 family member, TRAP-Like Protein (TLP), is involved in tissue traversal by sporozoites

Cristina K. Moreira et al.

Cellular Microbiology, OnlineAccepted Articles

Here we characterize a new member of the TRAP/MIC2 family, named TRAP-Like Protein (TLP), that is highly conserved within the Plasmodium genus. These results indicate a role of TLP in cell traversal by sporozoites.

Contribution of influenza immunity and virosomal-formulated synthetic peptide to cellular immune responses in a phase I subunit malaria vaccine trial

Elisabetta Peduzzi, Nicole Westerfeld, Rinaldo Zurbriggen, Gerd Pluschke and Claudia A. Daubenberger

Clinical Immunology, In Press, Corrected Proof, Available online 11 March 2008

Our results support the view that IRIV constitute a safe antigen delivery system for induction of peptide-specific immune responses in human populations.

Blood stage parasites: sufficient to induce protective immunity

Gomase VS, Tagore S.

Current Drug Metabolism, Volume 9, Number 3, 238-240, March 2008

The study of human volunteers, the absence of detectable malaria-specific antibodies probably reflects the extremely low parasite doses used for immunization. Induction of this type of immunity by immunizing with low doses of purified antigens from whole parasites may be an alternative but highly effective vaccine strategy.

The Alpha-Carbonic Anhydrase from the Malaria Parasite and its Inhibition

Krungkrai, Jerapan; Supuran, Claudiu T.

Current Pharmaceutical Design, Volume 14, Number 7, March 2008 , pp. 631-640(10)

This review provides further support that the CA may have essential roles in the parasite metabolism. Thus, the aromatic sulfonamide CA inhibitors may have potential for development of novel antimalarial drugs.

Plasmodium berghei: Parasite clearance after treatment with dihydroartemisinin in an asplenic murine malaria model

Brioni R. Moore, Jeffrey D. Jago and Kevin T. Batty

Experimental Parasitology, Volume 118, Issue 4, April 2008, Pages 458-467

The asplenic murine malaria model could be used in pre-clinical studies of splenic function and clearance of malaria parasites, pathophysiological studies or antimalarial drug efficacy in asplenia.

Plasmodium falciparum: Erythrocytic stages die by autophagic-like cell death under drug pressure

Paulo Renato Rivas Totino, Cláudio Tadeu Daniel-Ribeiro, Suzana Corte-Real and Maria de Fátima Ferreira-da-Cruz

Experimental Parasitology, Volume 118, Issue 4, April 2008, Pages 478-486

Considering the lack of apoptotic characteristics and the observation of parasites with cytoplasmatic vacuolization by electron microscopy, we conclude that *P. falciparum* parasites under chloroquine, SNAP or staurosporine pressures do not die by apoptosis but by a process similar to autophagy. The autophagic pathway could be explored as an alternative target for the development of new antimalarial drugs.

Antimalarial quinolones: Synthesis, potency, and mechanistic studies

Rolf W. Winter, Jane X. Kelly, Martin J. Smilkstein, Rozalia Dodean, David Hinrichs and Michael K. Riscoe

Experimental Parasitology, Volume 118, Issue 4, April 2008, Pages 487-497

Our study of a number of halogenated alkyl and alkoxy 4(1H)-quinolones highlights the potential for development of "endochin-like quinolones" (ELQ), bearing an extended trifluoroalkyl moiety at the 3-position, that exhibit selective antiplasmodial effects in the low nanomolar range and inhibitory activity against chloroquine and atovaquone-resistant parasites. Further studies of halogenated alkyl- and alkoxy-quinolones may lead to the development of safe and effective therapeutics for use in treatment or prevention of malaria and other parasitic diseases.

Transient transfection of purified *Babesia bovis* merozoites

Carlos E. Suarez and Terry F. McElwain

Experimental Parasitology, Volume 118, Issue 4, April 2008, Pages 498-504

Our study of a number of halogenated alkyl and alkoxy 4(1H)-quinolones highlights the potential for development of "endochin-like quinolones" (ELQ), bearing an extended trifluoroalkyl moiety at the 3-position, that exhibit selective antiplasmodial effects in the low nanomolar range and inhibitory activity against chloroquine and atovaquone-resistant parasites. Further studies of halogenated alkyl- and alkoxy-quinolones may lead to the development of safe and effective therapeutics for use in treatment or prevention of malaria and other parasitic diseases.

Titration of *Theileria parva*: Single stocks against combination of stocks

Niko Speybroeck, Tanguy Marcotty, Marc Aerts, Tom Dolan, Brian Williams, Jeremy Lauer, Geert Molenberghs, Tomasz Burzykowski, Misheck Mulumba and Dirk Berkvens

Experimental Parasitology, Volume 118, Issue 4, April 2008, Pages 522-530

The corresponding interpretation provides insights into why standard immunization trials for *T. parva* have not yielded the results that might be expected of them. The results of this work may also have implications for the use of antigen cocktails in cancer, HIV and malaria vaccine trials.

Research brief: Is dihydrolipoic acid among the reductive activators of parasite CysHis proteases?

Thomas D. Lockwood

Experimental Parasitology, Volume 118, Issue 4, April 2008, Pages 604-613

It is discussed that opposing DHLA-Fe³⁺ modification of plasmodial proteolysis might be a specialized adaptation to intra-erythrocytic growth.

Fetal Responses during Placental Malaria Modify the Risk of Low Birth Weight

Edward R. Kabyemela, Michal Fried, Jonathan D. Kurtis, Theonest K. Mutabingwa, and Patrick E. Duffy

Infect. Immun. 2008;76 1527-1534

The results confirmed that placental IFN- is related to LBW due to PM during first pregnancies and suggest that fetal ferritin plays a protective role. Because fetal cells are a source of placental IFN- and cord ferritin, the fetal response to PM may modify the risk of LBW.

Elevated Gamma Interferon-Producing NK Cells, CD45RO Memory-Like T Cells, and CD4 T Cells Are Associated with Protection against Malaria Infection in Pregnancy

Caroline Othoro, Julie M. Moore, Kathleen A. Wannemuehler, Sichangi Moses, Altaf Lal, Juliana Otieno, Bernard Nahlen, Laurence Slutsker, and Ya Ping Shi

Infect. Immun. 2008;76 1678-1685

These results suggest that the elevated IFN--producing NK cells in the placenta and CD45RO memory-like and CD4 T cells in peripheral blood may be involved in protection against malaria infection in pregnancy.

Wheat Germ Cell-Free System-Based Production of Malaria Proteins for Discovery of Novel Vaccine Candidates

Takafumi Tsuboi et al.

Infect. Immun. 2008;76 1702-1708

The application of this new cell-free system-based protocol for the discovery of malaria vaccine candidates will be discussed.

Impact of Recombinant Adenovirus Serotype 35 Priming versus Boosting of a Plasmodium falciparum Protein: Characterization of T- and B-Cell Responses to Liver-Stage Antigen 1

Ariane Rodriguez et al.

Infect. Immun. 2008;76 1709-1718

Our results show the ability of rAd35 to induce potent T-cell immunity in combination with protein in a prime-boost schedule without impairing the B-cell response.

Duration of Naturally Acquired Antibody Responses to Blood-Stage Plasmodium falciparum Is Age Dependent and Antigen Specific

Onome J. Akpogheneta, Nancy O. Duah, Kevin K. A. Tetteh, Samuel Dunyo, David E. Lanar, Margaret Pinder, and David J. Conway

Infect. Immun. 2008;76 1748-1755

It is likely that young children mostly have short-lived plasma cells and thus experience rapid declines in antibody levels but that older children have longer-lasting antibody responses that depend on long-lived plasma cells.

Evidence for Globally Shared, Cross-Reacting Polymorphic Epitopes in the Pregnancy-Associated Malaria Vaccine Candidate VAR2CSA

Marion Avril, Bridget R. Kulasekara, Severin O. Gose, Chris Rowe, Madeleine Dahlback, Patrick E. Duffy, Michal Fried, Ali Salanti, Lynda Misher, David L. Narum, and Joseph D. Smith

Infect. Immun. 2008;76 1791-1800

This study demonstrates that VAR2CSA contains common polymorphic epitopes that are shared between geographically diverse CSA-binding lines.

The malaria vector mosquito Anopheles gambiae expresses a suite of larval-specific defensin genes

J. M. Meredith, H. Hurd, M. J. Lehane and P. Eggleston

Insect Molecular Biology, Volume 17 Issue 2 Page 103-112, April 2008

As previous studies failed to identify these larval-specific defensins, it seems likely that further antimicrobial peptide genes with nontypical expression profiles will be identified as more genome sequences become available.

Characterization of inhibitors and substrates of Anopheles gambiae CYP6Z2

L. A. McLaughlin, U. Niazi, J. Bibby, J.-P. David, J. Vontas, J. Hemingway, H. Ranson, M. J. Sutcliffe and M. J. I. Paine

Insect Molecular Biology, Volume 17 Issue 2 Page 125-135, April 2008

compounds were shown to be substrates, suggesting that CYP6Z2 has broad substrate specificity and plays an important chemo-protective role during the herbivorous phase of the life-cycle.

Expression of a mutated phospholipase A2 in transgenic *Aedes fluviatilis* mosquitoes impacts *Plasmodium gallinaceum* development

F. G. Rodrigues, M. N. Santos, T. X. T. de Carvalho, B. C. Rocha, M. A. Riehle, P. F. P. Pimenta, E. G. Abraham, M. Jacobs-Lorena, C. F. Alves de Brito and L. A. Moreira

Insect Molecular Biology, Volume 17 Issue 2 Page 175-183, April 2008

DNA encoding the mutated PLA2 (mPLA2) was placed downstream of a mosquito midgut-specific promoter (*Anopheles gambiae* peritrophin protein 1 promoter, AgPer1) and this construct used to transform *Aedes fluviatilis* mosquitoes. Four different transgenic lines were obtained and characterized and all lines significantly inhibited *Plasmodium gallinaceum* oocyst development (up to 68% fewer oocysts). No fitness cost was observed when this mosquito species expressed the mPLA2.

Clinical article: Anemia and iron deficiency in pregnant Ghanaian women from urban areas

Cyril Engmann, Richard Adanu, Tsui-Shan Lu, Carl Bose and Betsy Lozoff

International Journal of Gynecology & Obstetrics, Volume 101, Issue 1, April 2008, Pages 62-66

Although anemia and iron deficiency remain substantial problems in pregnant Ghanaian women from urban areas, their prevalence is less than previously reported.

Single-day, three-dose treatment with fixed dose combination artesunate/sulfamethoxypyrazine/pyrimethamine to cure *Plasmodium falciparum* malaria

Louis Koné Penalia and Frans Herwig Jansen

International Journal of Infectious Diseases, Article in Press, Corrected Proof

The 24-hour therapy is as well tolerated and efficacious as the same medicament administered over 3 days. This low cost and simplified three-pill treatment is certain to improve compliance.

Biochemical and Genetic Analysis of the Phosphoethanolamine Methyltransferase of the Human Malaria Parasite *Plasmodium falciparum*

Jennifer M. Reynolds et al.

J. Biol. Chem. 2008;283 7894-7900

Our analyses identify the importance of these residues in PfPMT activity and set the stage for advanced structural understanding of this class of enzymes.

Brief communication: Atypical *Plasmodium vivax* Malaria in a Traveler: Bilateral Hydronephrosis, Severe Thrombocytopenia, and Hypotension

Pedro M. Rifakis, MD, Osdalys Hernandez, MD, Carmen T. Fernández, MD, Alfonso J. Rodriguez-Morales, MD, Anna Von, MD, Carlos Franco-Paredes, MD, MPH

Journal of Travel Medicine, Volume 15 Issue 2 Page 119-121, March/April 2008

This case highlights the importance of preventing malaria cases among nonimmune or semi-immune individuals traveling to *P. vivax*-endemic areas.

Book review: Atlas of Human Malaria (Atlante della Malaria Umana)

Giovanni Swierczynski Maria Gobbo

Journal of Travel Medicine, Volume 15 Issue 2 Page 143-144, March/April 2008

No abstract available

Malaria combination therapies: advantages and shortcomings

Martinelli A, Moreira R, Ravo PV

Mini-Reviews in Medicinal Chemistry, Volume 8, Number 3, 201-212, March 2008

Drug combination therapies have been devised to delay the development and spread of resistant malaria parasites. However, poor design often leads to ineffective combinations. Here, the properties of various drug combinations are reviewed in relationship to drug resistance and their pharmacokinetic compatibility.

Inhibition of orotidine 5'-monophosphate decarboxylase and its therapeutic potential

Meza-Avina ME, Wei L, Buhendwa MG, Poduch E, Bello AM, Pai EF, Kotra LP

Mini-Reviews in Medicinal Chemistry, Volume 8, Number 3, 239-247, March 2008

Orotidine 5'-monophosphate decarboxylase (ODCase) is among the most proficient enzymes, and catalyzes the decarboxylation of OMP to UMP. An overview of ODCase and various proposals for its catalytic mechanism of decarboxylation are briefly presented here. A number of inhibitors of ODCase and new developments in the X-ray structures of ODCases from different species are discussed in the context of their therapeutic potential against cancer and infectious diseases. Latest discoveries in the inhibition of ODCase, for example using the novel C6 substitutions on the uridine, open new doors for drug discovery targeting parasitic diseases such as malaria.

Brief communication: Synthetic GPI array to study antitoxic malaria response

Faustin Kamena, Marco Tamborrini, Xinyu Liu, Yong-Uk Kwon, Fiona Thompson, Gerd Pluschke & Peter H Seeberger

Nature Chemical Biology 4, 238-240 (2008)

We present a versatile approach based on a synthetic GPI glycan array to correlate anti-GPI antibody levels and protection from severe malaria.

Effect of GPI anchor moiety on the immunogenicity of DNA plasmids encoding the 19-kDa C-terminal portion of Plasmodium falciparum MSP-1

G. Li, S. H. Basagoudanavar & D. C. Gowda

Parasite Immunology, OnlineAccepted Articles

To investigate the efficacy of MSP-119 DNA vaccine and role of GPI anchor moiety in the immunogenicity of MSP-119, we constructed expression vectors that produce MSP-119 as either secretory or GPI-anchored polypeptide.

Chemokine receptor CXCR3 and its ligands CXCL9 and CXCL10 are required for the development of murine cerebral malaria

Gabriele S. V. Campanella et al.

PNAS, Early Edition

These data demonstrate that CXCR3 on CD8+ T cells is required for T cell recruitment into the brain and the development of murine cerebral malaria and suggest that the CXCR3 ligands Mig and IP-10 play distinct, nonredundant roles in the pathogenesis of this disease.

Report: Insect Odorant Receptors Are Molecular Targets of the Insect Repellent DEET

Mathias Ditzen, Maurizio Pellegrino, Leslie B. Vosshall

Science, Published Online March 13, 2008

We conclude that DEET masks host odor by inhibiting subsets of heteromeric insect odorant receptors that require the OR83b co-receptor. The identification of candidate

molecular targets for the action of DEET may aid in the design of safer and more effective insect repellents.

Review: Sex in Plasmodium: a sign of commitment

Matthew W.A. Dixon, Joanne Thompson, Donald L. Gardiner and Katharine R. Trenholme

Trends in Parasitology, Article in Press, Corrected Proof

In this review, we outline the underlying mechanisms involved in this process, focusing on the transition between the asexual and the sexual blood-stages of the parasite.

High efficacy of two artemisinin-based combinations (artemether-lumefantrine and artesunate plus amodiaquine) for acute uncomplicated malaria in Ibadan, Nigeria

C. O. Falade, A. O. Ogundele, B. O. Yusuf, O. G. Ademowo and S. M. Ladipo

Tropical Medicine & International Health, OnlineEarly Articles

ASAQ is as effective as AL and both combinations were efficacious and safe.

Phase 2a trial of 0, 1, and 3 month and 0, 7, and 28 day immunization schedules of malaria vaccine RTS,S/AS02 in malaria-naïve adults at the Walter Reed Army Institute of Research

Kent E. Kester et al.

Vaccine, Article in Press, Uncorrected Proof

A strong association of CSP-specific antibody with protection against malaria challenge is observed and confirms similar observations made in other studies. Subsequent trials of adjuvanted RTS,S in African children and infants on a 0, 1, and 2 month schedule have demonstrated a favorable safety and efficacy profile.

... Events ...

7th Annual East African Regional Workshop: Cell Biology of Protozoan Parasites

Date: 6-19 July 2008

Location: Morogoro, Tanzania

Deadline for applications: 4 April, 2008

The American Society for Cell Biology is teaming up with Sokoine University and Seattle Biomedical Research Institute to convene a special workshop on the Cell Biology of Protozoan Pathogens. An international faculty will lead a two-week workshop to train young African scientists in basic and applied research on protozoan pathogens, including malaria parasites and trypanosomes.

... Grants ...

Call for letters of intent: Business line on Evidence for Antimalarial Policy and Access: Implementation research on treatment of malaria of different degrees of severity at community level

Correct Application deadline: 15 April 2008

The business line on "Evidence for Antimalarial Policy and Access" (BL9) of the UNICEF/UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR) invites letters of intent on implementation research to

develop a package for diagnosis and treatment of malaria episodes of various degrees of severity at community level in sub-Saharan Africa.

... Jobs ...

Part-Time Secretariat Coordinator, The Ethox Centre, Department of Public Health, University of Oxford

Closing date for applications: 3 April 2008

We are seeking to appoint a part-time Secretariat Coordinator to manage the initial releases of genomic data from the Malaria Genomic Epidemiology Network (MalariaGEN) project. This exciting role combines research and practice in developing a system for managing the initial releases of MalariaGEN data.

Senior Project Manager, SBRI

An exciting opportunity for a Senior Project Manager (SPM) position is available in the laboratory of Dr. Stefan Kappe, whose research is focused on malaria biology and vaccine development. The person in this position will be responsible for managing a project that develops a live attenuated malaria vaccine.

... News ...

General

18 March 2008, Medical News Today

Blood Disease Protects Against Malaria In An Unexpected Way

Children with an inherited blood disorder called alpha thalassemia make unusually small red blood cells that mostly cause a mild form of anemia. Now, researchers have discovered that this disorder has a benefit it can protect children against one of the world's greatest killers, malaria, according to a new study.

18 March 2008, NewScientist

Anaemia defeats malaria by sheer numbers

The fifty-year-old mystery of how an inherited form of anaemia protects against malaria may finally have been solved.

14 March 2008, Science

News of the Week: NEUROSCIENCE:Hiding From Biting Insects in Plain Scent (Subscription required)

Researchers report online in Science this week that instead of driving away biting bugs, the insect repellent DEET actually conceals us from them, dulling the insects' sensitivity to certain body odors.

5 March 2008, World Swim against Malaria

Become one in a million: Dive in with Speedo and sign up for World Swim against Malaria

Speedo International and Supermodel, Alek Wek, have joined forces to promote World Swim against Malaria, a global fundraising initiative which aims to get one million people, around the world, swimming on the 5 April 2008.

Africa

20 March 2008, Daily Trust

Nigeria: Focus on Malaria Drugs, Minister Tells Pharmacists

The Federal Government has urged pharmacists in the country to focus their efforts on the production of drugs to treat and prevent malaria which has been fatal.

18 March 2008, This Day

Nigeria: Malaria - Group Spearheads Control Drive in FCT

The House of Succour (HoS), a social sector, human developed non-governmental organisation, has led the struggle for a revolution in malaria control in Nigeria in general and the Federal Capital Territory (FCT) in particular; canvassing for prompt and free treatment of children under 5 years of age who are infected with the malaria virus within the community.

18 March 2008, The Namibian

Namibia: Malaria Cases Set to Increase

MALARIA cases are expected to rise sharply as soon as the floods in the North begin to recede, but rumours of new strains of drug-resistant malaria are unfounded, a health official says.

18 March 2008, The Monitor

Uganda: Businesses Urge Govt to Rescind Use of DDT

THE ferocious debate about the use of DDT chemicals to control the spread of malaria has picked up again with the private sector threatening to ally with the European Union against the government.

17 March 2008, Daily Observer

US Contributes US\$12.5M to Fight Malaria, US and Gov't Launch PMI in Bomi

The United States government, through the United States Agency for International Development (USAID), has disclosed that it will contribute US\$12.5 million each year beginning 2008 toward the President's Malaria Initiative (PMI) program.

17 March 2008, Accra Mail

Ghana: Voices for Malaria-Free Future Launched

Deputy Minister of Health, Mrs. Gladys Norley Ashietey has emphasized the need for corporate bodies to join hands with government in mobilizing efforts and resources towards the total eradication of malaria in Ghana.

17 March 2008, The Analyst

Liberia: U.S. Provides Over U.S. \$36 Million to Combat Malaria

The United States government through its subsidiary, the United States Aid International Development (USAID) has provided over US\$36 million to combat malaria in Liberia. The amount is in fulfillment of the United States President's Malaria Initiative for 15 African Countries, including Liberia.

16 March 2008, Daily Trust

Nigeria: Why New Malaria Strain Resists Drugs

Resistance to anti-malarial drugs in patients is becoming a worrisome phenomenon in Nigeria. It has posed serious challenge of combating malaria in most parts of the world.

14 March 2008, Independent Online

Anti-malaria campaign heads into Africa

Adventure personality Kingsley Holgate's campaign against malaria has outsourced a second expedition to hand out mosquito nets in areas of east and southern Africa following heavy rains that provide breeding grounds for the insects.

14 March 2008, AngolaPress

Journalists, Physicians at Expedition Against Malaria

Journalists and physicians from Angola, Namibia, Botswana, Zambia, Zimbabwe and Mozambique will participate, as from March 29, in the excursion to Zambezi River, dubbed "Zambezi Expedition to roll back malaria", aimed at fighting against the disease.

14 March 2008, Namibian

Cholera claims two lives, malaria fatalities reported

TWO cholera patients have died at Engela hospital, while 123 cases of suspected cholera have been reported in the Ohangwena Region. At the same time, six deaths and at least 724 cases of malaria have been reported in two northern regions since November.

13 March 2008, Joy Online

Voices for Malaria-free Future campaign launched

A Malaria advocacy campaign has been launched in Accra on Wednesday with a call on the National Malaria Control Programme (NACP) and other stakeholders to make its policies known to leaders to help combat malaria disease.

13 March 2008, AfricanPath

Nigeria: DDT and Malaria

Every Nigerian doctor remembers the phrase from medical school "common things occur commonly"...always think of malaria!

13 March 2008, PR.com

Niger Educational System Associates Partner with Malaria Foundation International

The Malaria Foundation International (MFI) is proud to join forces with the Niger Educational System Associates (NESA) to work towards fighting malaria in Niger Republic, West Africa; one of the poorest countries in the world, with a GDP of \$781 per capita.

Asia

19 March 2008, Thai News Agency MCOT

Thailand sends rapid malaria test kit to WHO for quality certification

The Department of Medical Sciences' rapid malaria test kit is in the process of receiving quality certification from the World Health Organization (WHO) before being offered for selling worldwide, according to a senior official of the Public Health Ministry.

18 March 2008, Newindpress

Five malaria deaths: Panic in village

Bhawanipatna: Five deaths owing to malaria in Badbafla village under Thuamul Rampur block in the last fortnight have pressed the panic button in the district.

17 March 2008, Mangalorean.com

Mangalore: Officials partly satisfied with anti-malaria drive

The three-day drive against malaria, initiated jointly by the MCC and the health department last week, has just about satisfied officials. They feel it could have been better, but being the first time, they concede there definitely were shortcomings.

15 March 2008, Daijiworld.com

Mangalore: Malaria Eradication Campaign Volunteers Protest

After campaigning for a public cause the volunteers of three-day malaria eradication door-to-door campaign fought against the injustice meted out by the officials of Mangalore City Corporation with regard to the payment of remuneration the latter had assured before the commencement of campaign.

Oceania

17 March 2008, Howard Hughes Medical Institute

Scrambled Entry Ticket May Fake Out Malaria Cell Gatekeeper

A cellular gatekeeper inside a malaria parasite doesn't care whether the amino acid letters on a protein's entry ticket are out of order, according to new research by Howard Hughes Medical Institute international scholar Geoffrey McFadden at the University of Melbourne in Australia.

Americas

19 March 2008, The Earth Times

American Idol Spotlights Malaria Crisis During Idol Gives Back, April 9, On FOX

American Idol and FOX announced that this year's Idol Gives Back, airing Wednesday, April 9 (7:30-10:00 PM ET/PT) on FOX, will raise awareness and funds to fight malaria in Africa for the second year in a row as part of its star-studded event.

17 March 2008, MSU News Service

MSU joins Mali villagers in fight against malaria

Montana State University students and faculty returned to west Africa this month to join villagers who want to eradicate malaria.

13 March 2008, Johns Hopkins News-Letter

New anti-malaria drug is promising in early tests

Posner and others at Hopkins, including colleagues from the School of Medicine and the Bloomberg School of Public Health, recently published a paper in the prestigious Journal of the American Medical Association that explains their development of a new anti-malarial drug.

13 March 2008, The Earth Times

Bush: Ending malaria in Africa vital to anti-terrorism fight

US President George Bush told a gala dinner at the residence of Kuwait's ambassador to the US that the fight against malaria in Africa was part of the global war on terrorism.

12 March 2008, US Department of State

Remarks at Stand for Africa Event Honoring Malaria No More

During President Bush's term, the U.S. Government is doing more than ever to lead the global fight against malaria.

MalariaWorld - Knowledge for Solutions

K&S Consulting is an independent consultancy firm concerned with medical information provision, training activities, and infectious diseases consultations.

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