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## Genome sequence of the human malaria parasite *Plasmodium falciparum*

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2277	A new global effort to control malaria. <b>2002</b> , 298, 122-4		56
2276	News in brief. <b>2002</b> , 7, 1150-1153		
2275	Sequence of Plasmodium falciparum chromosomes 2, 10, 11 and 14. <i>Nature</i> , <b>2002</b> , 419, 531-4	50.4	146
2274	Genome sequence and comparative analysis of the model rodent malaria parasite Plasmodium yoelii yoelii. <i>Nature</i> , <b>2002</b> , 419, 512-9	50.4	591
2273	Sequence of Plasmodium falciparum chromosome 12. <i>Nature</i> , <b>2002</b> , 419, 534-7	50.4	47
2272	A proteomic view of the Plasmodium falciparum life cycle. <i>Nature</i> , <b>2002</b> , 419, 520-6	50.4	1066
2271	Analysis of the Plasmodium falciparum proteome by high-accuracy mass spectrometry. <i>Nature</i> , <b>2002</b> , 419, 537-42	50.4	538
2270	What difference does a genome make?. <i>Nature</i> , <b>2002</b> , 419, 426-8	50.4	11
2269	Integrated programme is key to malaria control. <i>Nature</i> , <b>2002</b> , 419, 431	50.4	31

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2266	Biological revelations. <i>Nature</i> , <b>2002</b> , 419, 495-6	50.4	38
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2247	Targeting enzymes involved in spermidine metabolism of parasitic protozoa--a possible new strategy for anti-parasitic treatment. <b>2003</b> , 91, 508-16	23
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2180	Scientific research and the human condition. <i>Nature</i> , <b>2003</b> , 421, 13	50.4 1
2179	Malaria--there could be a third way. <i>Nature</i> , <b>2003</b> , 421, 13	50.4

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2096	Malaria in antiquity: a genetics perspective. <b>2003</b> , 35, 180-192	7
2095	The design and analysis of microarray experiments: applications in parasitology. <b>2003</b> , 22, 357-94	13
2094	Parasitology. Guilty until proven otherwise. <b>2003</b> , 301, 1487-8	12
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2087	A type II pathway for fatty acid biosynthesis presents drug targets in <i>Plasmodium falciparum</i> . <b>2003</b> , 47, 297-301	151
2086	MAHRP-1, a novel <i>Plasmodium falciparum</i> histidine-rich protein, binds ferriprotoporphyrin IX and localizes to the Maurer's clefts. <b>2003</b> , 278, 35373-83	75
2085	A novel erythrocyte binding antigen-175 paralogue from <i>Plasmodium falciparum</i> defines a new trypsin-resistant receptor on human erythrocytes. <b>2003</b> , 278, 14480-6	156
2084	Identification and initial characterization of three novel cyclin-related proteins of the human malaria parasite <i>Plasmodium falciparum</i> . <b>2003</b> , 278, 39839-50	58
2083	Induction of crossreactive antibodies against the <i>Plasmodium falciparum</i> variant protein. <b>2003</b> , 100, 13007-12	17
2082	Permeation and toxicity of ethylene glycol and methanol in larvae of <i>Anopheles gambiae</i> . <b>2003</b> , 206, 2221-8	12
2081	Gene discovery in the apicomplexa as revealed by EST sequencing and assembly of a comparative gene database. <b>2003</b> , 13, 443-54	118
2080	Prime-boost strategies for malaria vaccine development. <b>2003</b> , 206, 3771-9	83
2079	GeneFizz: A web tool to compare genetic (coding/non-coding) and physical (helix/coil) segmentations of DNA sequences. Gene discovery and evolutionary perspectives. <b>2003</b> , 31, 3843-9	17
2078	Genomics research and malaria control: great expectations. <b>2003</b> , 1, E39	5
2077	Cooperative domains define a unique host cell-targeting signal in <i>Plasmodium falciparum</i> -infected erythrocytes. <b>2003</b> , 100, 12402-7	70
2076	Welcome to the genomic era. <b>2003</b> , 349, 996-8	221
2075	Biosynthetic pathways of plastid-derived organelles as potential drug targets against parasitic apicomplexa. <b>2003</b> , 3, 99-109	43
2074	Histone H3 and H3.3 variants in the protozoan pathogens <i>Plasmodium falciparum</i> and <i>Toxoplasma gondii</i> . <b>2003</b> , 14, 227-31	21
2073	Malaria. <b>2003</b> , 16, 389-95	23
2072	Application of Antibody Fragments as Crystallization Enhancers. <b>2003</b> , 300-322	2
2071	Super models. <b>2003</b> , 13, 15-24	61

2070	Glycophorin C is the receptor for the Plasmodium falciparum erythrocyte binding ligand PfEBP-2 (baebl). <b>2003</b> , 101, 4628-31	131
2069	The role of two novel regulatory sites in the activation of the cGMP-dependent protein kinase from Plasmodium falciparum. <b>2003</b> , 374, 559-65	45
2068	Archaeal DNA repair: paradigms and puzzles. <b>2003</b> , 31, 690-693	55
2067	. <b>2003</b> ,	4
2066	. <b>2003</b> ,	18
2065	Gene Chip for Viral Discovery. <b>2003</b> , 1, e3	1
2064	Opportunities in Africa for training in genome science. <b>2004</b> , 3, 117-122	6
2063	Curated databases and their role in clinical bioinformatics. <b>2004</b> , 13, 121-136	
2062	Evolutionary Genetics of Plasmodium falciparum, the Agent of Malignant Malaria. <b>2004</b> , 39-74	2
2061	The Enigma of Plasmodium vivax Malaria and Erythrocyte Duffy Negativity. <b>2004</b> , 141-172	4
2060	Dual-function stem molecular beacons to assess mRNA expression in AT-rich transcripts of Plasmodium falciparum. <b>2004</b> , 36, 488-92, 494	13
2059	Pesquisa e inovaçã em saãde: uma discussã a partir da literatura sobre economia da tecnologia. <b>2004</b> , 9, 277-294	8
2058	A report on single exon genes (SEG) in eukaryotes. <b>2004</b> , 9, 3262-7	21
2057	Positive selection scanning of parasite DNA sequences. <b>2004</b> , 270, 127-50	1
2056	Cloning and expression of malarial pyrimidine enzymes. <b>2004</b> , 23, 1459-65	10
2055	Orally delivered malaria vaccines: not too hard to swallow. <b>2004</b> , 4, 1585-94	4
2054	Innate immunity in the malaria vector Anopheles gambiae: comparative and functional genomics. <b>2004</b> , 207, 2551-63	106
2053	Parasite Genomics Protocols. <b>2004</b> ,	2

2052	The Oxa2 protein of <i>Neurospora crassa</i> plays a critical role in the biogenesis of cytochrome oxidase and defines a ubiquitous subbranch of the Oxa1/YidC/Alb3 protein family. <b>2004</b> , 15, 1853-61	66
2051	A <i>Plasmodium</i> gene family encoding Maurer's cleft membrane proteins: structural properties and expression profiling. <b>2004</b> , 14, 1052-9	122
2050	Opportunistic Infections: <i>Toxoplasma</i> , <i>Sarcocystis</i> , and <i>Microsporidia</i> . <b>2004</b> ,	6
2049	Comparative analysis of apicomplexa and genomic diversity in eukaryotes. <b>2004</b> , 14, 1686-95	149
2048	Meager genetic variability of the human malaria agent <i>Plasmodium vivax</i> . <b>2004</b> , 101, 14455-60	78
2047	Global analysis of transcript and protein levels across the <i>Plasmodium falciparum</i> life cycle. <b>2004</b> , 14, 2308-18	354
2046	Recurrent fever promotes <i>Plasmodium falciparum</i> development in human erythrocytes. <b>2004</b> , 279, 46692-9	61
2045	Correct promoter control is needed for trafficking of the ring-infected erythrocyte surface antigen to the host cytosol in transfected malaria parasites. <b>2004</b> , 72, 6095-105	61
2044	Evolutionary relationships between 15 <i>Plasmodium</i> species from new and old world primates (including humans): an 18S rDNA cladistic analysis. <b>2004</b> , 129, 677-84	56
2043	The ORFanage: an ORFan database. <b>2004</b> , 32, D281-3	35
2042	Calcium-mediated protein secretion potentiates motility in <i>Toxoplasma gondii</i> . <b>2004</b> , 117, 5739-48	96
2041	The multiple roles of the mitochondrion of the malarial parasite. <b>2004</b> , 129, 511-24	58
2040	NUMTs in sequenced eukaryotes and their genomic organization in relation to NUMTs. <b>2004</b> , 21, 1972-80	114
2039	Full-malaria 2004: an enlarged database for comparative studies of full-length cDNAs of malaria parasites, <i>Plasmodium</i> species. <b>2004</b> , 32, D334-8	22
2038	A <i>Plasmodium falciparum</i> candidate vaccine based on a six-antigen polyprotein encoded by recombinant poxviruses. <b>2004</b> , 101, 290-5	53
2037	<i>Arabidopsis thaliana</i> DNA gyrase is targeted to chloroplasts and mitochondria. <b>2004</b> , 101, 7821-6	124
2036	A <i>Theileria annulata</i> DNA binding protein localized to the host cell nucleus alters the phenotype of a bovine macrophage cell line. <b>2004</b> , 3, 495-505	49
2035	<i>Cryptosporidium parvum</i> mitochondrial-type HSP70 targets homologous and heterologous mitochondria. <b>2004</b> , 3, 483-94	59

2034	Differential protein expression analysis of <i>Leishmania major</i> reveals novel roles for methionine adenosyltransferase and S-adenosylmethionine in methotrexate resistance. <b>2004</b> , 279, 33273-80	54
2033	Novel antigen identification method for discovery of protective malaria antigens by rapid testing of DNA vaccines encoding exons from the parasite genome. <b>2004</b> , 72, 1594-602	28
2032	<i>Plasmodium falciparum</i> associated with severe childhood malaria preferentially expresses PfEMP1 encoded by group A var genes. <b>2004</b> , 199, 1179-90	255
2031	The minimal eukaryotic ribosomal DNA units in the primitive red alga <i>Cyanidioschyzon merolae</i> . <b>2004</b> , 11, 83-91	18
2030	Protection against <i>Plasmodium chabaudi</i> malaria induced by immunization with apical membrane antigen 1 and merozoite surface protein 1 in the absence of gamma interferon or interleukin-4. <b>2004</b> , 72, 5605-12	26
2029	The effect of expression levels on codon usage in <i>Plasmodium falciparum</i> . <b>2004</b> , 128, 245-51	34
2028	Characterization of a mitochondrion-like organelle in <i>Cryptosporidium parvum</i> . <b>2004</b> , 129, 1-18	119
2027	Studying the cell biology of apicomplexan parasites using fluorescent proteins. <b>2004</b> , 10, 568-79	21
2026	Comparative genomics of transcriptional control in the human malaria parasite <i>Plasmodium falciparum</i> . <b>2004</b> , 14, 1548-54	192
2025	Accelerated rates of intron gain/loss and protein evolution in duplicate genes in human and mouse malaria parasites. <b>2004</b> , 21, 1422-7	36
2024	Evolutionary pressures on apicoplast transit peptides. <b>2004</b> , 21, 2183-94	68
2023	Terpenes arrest parasite development and inhibit biosynthesis of isoprenoids in <i>Plasmodium falciparum</i> . <b>2004</b> , 48, 2502-9	98
2022	Antigenic diversity and immune evasion by malaria parasites. <b>2004</b> , 11, 987-95	84
2021	Fundamentals of massive automatic pairwise alignments of protein sequences: theoretical significance of Z-value statistics. <b>2004</b> , 20, 534-7	28
2020	Inactivation of <i>Plasmodium falciparum</i> by photodynamic excitation of heme-cycle intermediates derived from delta-aminolevulinic acid. <b>2004</b> , 190, 184-91	20
2019	Proteomics to Explore Pathogenesis and Drug Resistance Mechanisms in Protozoan Parasites. <b>2004</b> , 367-390	
2018	Nucleotide Metabolism in <i>Plasmodium falciparum</i> : Recent Developments. <b>2004</b> , 1, 465-473	
2017	Longitudinal assessment of <i>Plasmodium falciparum</i> var gene transcription in naturally infected asymptomatic children in Papua New Guinea. <b>2004</b> , 189, 1942-51	45



2016	Inparanoid: a comprehensive database of eukaryotic orthologs. <b>2005</b> , 33, D476-80	541
2015	The serine repeat antigen (SERA) gene family phylogeny in <i>Plasmodium</i> : the impact of GC content and reconciliation of gene and species trees. <b>2004</b> , 21, 2161-71	22
2014	Evidence for the involvement of VAR2CSA in pregnancy-associated malaria. <b>2004</b> , 200, 1197-203	428
2013	Analysis of the <i>Plasmodium</i> and <i>Anopheles</i> transcriptomes during oocyst differentiation. <b>2004</b> , 279, 5581-7	61
2012	Distinct trafficking and localization of STEVOR proteins in three stages of the <i>Plasmodium falciparum</i> life cycle. <b>2004</b> , 72, 6597-602	67
2011	Unraveling the mode of action of the antimalarial choline analog G25 in <i>Plasmodium falciparum</i> and <i>Saccharomyces cerevisiae</i> . <b>2004</b> , 48, 2816-24	35
2010	High-throughput generation of <i>P. falciparum</i> functional molecules by recombinational cloning. <b>2004</b> , 14, 2076-82	50
2009	Distribution of short paired duplications in mammalian genomes. <b>2004</b> , 101, 10349-54	21
2008	The <i>Plasmodium falciparum</i> PfGatp is an endoplasmic reticulum membrane protein important for the initial step of malarial glycerolipid synthesis. <b>2004</b> , 279, 9222-32	39
2007	Oxidative phosphorylation and rotenone-insensitive malate- and NADH-quinone oxidoreductases in <i>Plasmodium yoelii yoelii</i> mitochondria in situ. <b>2004</b> , 279, 385-93	68
2006	Essential role of membrane-attack protein in malarial transmission to mosquito host. <b>2004</b> , 101, 16310-5	121
2005	A <i>Plasmodium falciparum</i> dipeptidyl aminopeptidase I participates in vacuolar hemoglobin degradation. <b>2004</b> , 279, 43000-7	132
2004	Conditional expression in the malaria mosquito <i>Anopheles stephensi</i> with Tet-On and Tet-Off systems. <b>2004</b> , 167, 1781-90	41
2003	Molecular dissection of water and glycerol permeability of the aquaglyceroporin from <i>Plasmodium falciparum</i> by mutational analysis. <b>2004</b> , 101, 1153-8	90
2002	Modeling the development of acquired clinical immunity to <i>Plasmodium falciparum</i> malaria. <b>2004</b> , 72, 6538-45	26
2001	Hexameric assembly of the bifunctional methylerythritol 2,4-cyclodiphosphate synthase and protein-protein associations in the deoxy-xylulose-dependent pathway of isoprenoid precursor biosynthesis. <b>2004</b> , 279, 52753-61	41
2000	Variable var transition rates underlie antigenic variation in malaria. <b>2004</b> , 101, 11129-34	111
1999	Phylogenomics and the number of characters required for obtaining an accurate phylogeny of eukaryote model species. <b>2004</b> , 20 Suppl 1, i116-21	52

1998	CpG oligodeoxynucleotide and Montanide ISA 51 adjuvant combination enhanced the protective efficacy of a subunit malaria vaccine. <b>2004</b> , 72, 949-57	84
1997	Unlocking hidden genomic sequence. <b>2004</b> , 32, e35	18
1996	Cell-passage activity is required for the malarial parasite to cross the liver sinusoidal cell layer. <b>2004</b> , 2, E4	185
1995	A multidomain adhesion protein family expressed in Plasmodium falciparum is essential for transmission to the mosquito. <b>2004</b> , 199, 1533-44	94
1994	Glycosphingolipids in Plasmodium falciparum. Presence of an active glucosylceramide synthase. <b>2004</b> , 271, 2204-14	28
1993	An alpha-proteobacterial type malate dehydrogenase may complement LDH function in Plasmodium falciparum. Cloning and biochemical characterization of the enzyme. <b>2004</b> , 271, 3488-502	30
1992	Proteases in host cell invasion by the malaria parasite. <b>2004</b> , 6, 893-903	39
1991	A Plasmodium sporozoite protein with a membrane attack complex domain is required for breaching the liver sinusoidal cell layer prior to hepatocyte infection. <b>2005</b> , 7, 199-208	161
1990	A collection of 11 800 single-copy Ds transposon insertion lines in Arabidopsis. <b>2004</b> , 37, 897-905	183
1989	Identification of cryptochrome DASH from vertebrates. <b>2004</b> , 9, 479-95	93
1988	The Plasmodium falciparum clag9 gene encodes a rhoptry protein that is transferred to the host erythrocyte upon invasion. <b>2004</b> , 52, 107-18	70
1987	Quantitative proteomics of the human malaria parasite Plasmodium falciparum and its application to studies of development and inhibition. <b>2004</b> , 52, 1187-99	93
1986	The human malaria parasite Plasmodium falciparum has distinct organelle-specific lipoylation pathways. <b>2004</b> , 53, 103-13	64
1985	Identification of a 67-amino-acid region of the Plasmodium falciparum variant surface antigen that binds chondroitin sulphate A and elicits antibodies reactive with the surface of placental isolates. <b>2004</b> , 53, 445-55	36
1984	The role of Plasmodium falciparum var genes in malaria in pregnancy. <b>2004</b> , 53, 1011-9	49
1983	Genetic mapping in the human malaria parasite Plasmodium falciparum. <b>2004</b> , 53, 1573-82	31
1982	The elusive malaria sporozoite in the mammalian host. <b>2004</b> , 54, 298-306	30
1981	Food vacuole-associated lipid bodies and heterogeneous lipid environments in the malaria parasite, Plasmodium falciparum. <b>2004</b> , 54, 109-22	133

1980	Strange organelles--Plasmodium mitochondria lack a pyruvate dehydrogenase complex. <b>2005</b> , 55, 1-4	22
1979	The human malaria parasite Plasmodium falciparum possesses two distinct dihydrolipoamide dehydrogenases. <b>2005</b> , 55, 27-38	63
1978	The malaria parasite Plasmodium falciparum has only one pyruvate dehydrogenase complex, which is located in the apicoplast. <b>2005</b> , 55, 39-53	136
1977	Introductory remarks: protozoology (protistology) at the dawn of the 21st century. <b>2004</b> , 51, 3-7	1
1976	Current progress in the fatty acid metabolism in Cryptosporidium parvum. <b>2004</b> , 51, 381-8	56
1975	Identification of a second rRNA gene unit in the Perkinsus andrewsi genome. <b>2004</b> , 51, 234-45	13
1974	A protective merozoite protein of Plasmodium falciparum shares an epitope with surface antigens of Paramecium. <b>2004</b> , 26, 219-27	1
1973	Engaging biotechnology companies in the development of innovative solutions for diseases of poverty. <b>2004</b> , 3, 171-6	13
1972	Antimalarial drug discovery: efficacy models for compound screening. <b>2004</b> , 3, 509-20	521
1971	A new approach to the distribution and storage of genetic resources. <b>2004</b> , 5, 223-8	8
1970	The origin of malaria: mixed messages from genetic diversity. <b>2004</b> , 2, 15-22	82
1969	Tropical infectious diseases: metabolic maps and functions of the Plasmodium falciparum apicoplast. <b>2004</b> , 2, 203-16	493
1968	Focus: malaria. <b>2004</b> , 2, 276-7	13
1967	Strength in diversity. <b>2004</b> , 2, 358-9	1
1966	Fighting malaria at the crossroads. <b>2004</b> , 5, 847-51	8
1965	Genome sequence of the ultrasmall unicellular red alga Cyanidioschyzon merolae 10D. <i>Nature</i> , <b>2004</b> , 428, 653-7	50.4 907
1964	The genome of Cryptosporidium hominis. <i>Nature</i> , <b>2004</b> , 431, 1107-12	50.4 444
1963	Taking aim at mosquitoes. <i>Nature</i> , <b>2004</b> , 430, 936	50.4 15

1962	Know thine enemy. <i>Nature</i> , <b>2004</b> , 430, 944-5	50.4	4
1961	Molecular approaches to malaria. <b>2004</b> , 54, 575-87		4
1960	Identification and comparative analysis of the Rpl14 gene from <i>Takifugu rubripes</i> . <b>2003</b> , 139, 143-50		2
1959	A member of a conserved <i>Plasmodium</i> protein family with membrane-attack complex/perforin (MACPF)-like domains localizes to the micronemes of sporozoites. <b>2004</b> , 133, 15-26		83
1958	var genes, PfEMP1 and the human host. <b>2004</b> , 134, 3-9		90
1957	STEVOR--a multifunctional protein?. <b>2004</b> , 134, 11-5		26
1956	Antigenic variation and cytoadhesion in <i>Babesia bovis</i> and <i>Plasmodium falciparum</i> : different logics achieve the same goal. <b>2004</b> , 134, 27-35		58
1955	Variant antigen expression in malaria infections: posttranscriptional gene silencing, virulence and severe pathology. <b>2004</b> , 134, 17-25		25
1954	Identification of regulatory elements in the <i>Plasmodium falciparum</i> genome. <b>2004</b> , 134, 75-88		79
1953	Expression and functional characterization of a giant Type I fatty acid synthase (CpFAS1) gene from <i>Cryptosporidium parvum</i> . <b>2004</b> , 134, 127-35		45
1952	The use of DsRED in single- and dual-color fluorescence labeling of mitochondrial and plastid organelles in <i>Plasmodium falciparum</i> . <b>2004</b> , 134, 175-9		29
1951	Transcription of subtelomerically located var gene variant in <i>Plasmodium falciparum</i> appears to require the truncation of an adjacent var gene. <b>2004</b> , 134, 193-9		17
1950	Human malaria parasite orotate phosphoribosyltransferase: functional expression, characterization of kinetic reaction mechanism and inhibition profile. <b>2004</b> , 134, 245-55		45
1949	Proteomics approach reveals novel proteins on the surface of malaria-infected erythrocytes. <b>2004</b> , 135, 1-11		143
1948	<i>Plasmodium falciparum</i> genes differentially expressed during merozoite morphogenesis. <b>2004</b> , 135, 143-8		8
1947	Widespread distribution of antisense transcripts in the <i>Plasmodium falciparum</i> genome. <b>2004</b> , 136, 35-42		95
1946	Molecular and phylogenetic characterization of syntaxin genes from parasitic protozoa. <b>2004</b> , 136, 123-36		42
1945	Gene synteny and chloroquine resistance in <i>Plasmodium chabaudi</i> . <b>2004</b> , 136, 157-64		19

1944	A novel <i>Plasmodium falciparum</i> ring stage protein, REX, is located in Maurer's clefts. <b>2004</b> , 136, 181-9	74
1943	Functional interdependence of the DBLbeta domain and c2 region for binding of the <i>Plasmodium falciparum</i> variant antigen to ICAM-1. <b>2004</b> , 137, 55-64	32
1942	A survey of <i>Leishmania braziliensis</i> genome by shotgun sequencing. <b>2004</b> , 137, 81-6	20
1941	Fluorescent protein tagging in <i>Toxoplasma gondii</i> : identification of a novel inner membrane complex component conserved among Apicomplexa. <b>2004</b> , 137, 99-110	76
1940	Localization of organellar proteins in <i>Plasmodium falciparum</i> using a novel set of transfection vectors and a new immunofluorescence fixation method. <b>2004</b> , 137, 13-21	353
1939	Hyper-expansion of asparagines correlates with an abundance of proteins with prion-like domains in <i>Plasmodium falciparum</i> . <b>2004</b> , 137, 307-19	70
1938	A SICAvax switching event in <i>Plasmodium knowlesi</i> is associated with the DNA rearrangement of conserved 3' non-coding sequences. <b>2004</b> , 138, 37-49	14
1937	Characterisation of a tryptophan-rich <i>Plasmodium falciparum</i> antigen associated with merozoites. <b>2004</b> , 137, 349-53	28
1936	Unique kinetic mechanism of <i>Plasmodium falciparum</i> adenylosuccinate synthetase. <b>2004</b> , 138, 1-8	23
1935	Parasite genetics and the immune host: recombination between antigenic types of <i>Eimeria maxima</i> as an entré to the identification of protective antigens. <b>2004</b> , 138, 143-52	27
1934	Histone acetyltransferases and deacetylase in <i>Entamoeba histolytica</i> . <b>2004</b> , 138, 205-16	40
1933	More plastids in human parasites?. <b>2004</b> , 20, 54-7	17
1932	Annotating the <i>Plasmodium</i> genome and the enigma of the shikimate pathway. <b>2004</b> , 20, 60-5	64
1931	LCCL proteins of apicomplexan parasites. <b>2004</b> , 20, 102-8	40
1930	<i>Plasmodium falciparum</i> and the permeation pathway of the host red blood cell. <b>2004</b> , 20, 122-5	18
1929	The <i>Anopheles gambiae</i> genome: next steps for malaria vector control. <b>2004</b> , 20, 142-9	22
1928	Schistosome transcriptome analysis at the cutting edge. <b>2004</b> , 20, 301-4	18
1927	Why do we need to know more about mixed <i>Plasmodium</i> species infections in humans?. <b>2004</b> , 20, 440-7	74

1926	Genomic filtering: an approach to discovering novel antiparasitics. <b>2004</b> , 20, 462-8	58
1925	Variant surface antigens, virulence genes and the pathogenesis of malaria. <b>2004</b> , 20, 562-6	32
1924	Curation of the Plasmodium falciparum genome. <b>2004</b> , 20, 548-52	14
1923	Of malaria, metabolism and membrane transport. <b>2004</b> , 20, 590-6	23
1922	Malaria vaccines: if at first you don't succeed. <b>2004</b> , 20, 604-10	25
1921	Clinical features and pathogenesis of severe malaria. <b>2004</b> , 20, 597-603	232
1920	Plasmodium post-genomics: an update. <b>2004</b> , 20, 558-61	5
1919	Malaria parasite transmission stages: an update. <b>2004</b> , 20, 575-80	20
1918	The genomics of malaria infection. <b>2004</b> , 20, 553-7	8
1917	Blue skies or stormy weather: what lies ahead for malaria research?. <b>2004</b> , 20, 611-4	1
1916	Adenylyl cyclases from Plasmodium, Paramecium and Tetrahymena are novel ion channel/enzyme fusion proteins. <b>2004</b> , 16, 115-25	69
1915	Dinoflagellate expressed sequence tag data indicate massive transfer of chloroplast genes to the nuclear genome. <b>2004</b> , 155, 65-78	143
1914	GOtcha: a new method for prediction of protein function assessed by the annotation of seven genomes. <b>2004</b> , 5, 178	168
1913	The MB2 gene family of Plasmodium species has a unique combination of S1 and GTP-binding domains. <b>2004</b> , 5, 83	7
1912	Identification and comparative analysis of components from the signal recognition particle in protozoa and fungi. <b>2004</b> , 5, 5	33
1911	Protein kinases of the human malaria parasite Plasmodium falciparum: the kinome of a divergent eukaryote. <b>2004</b> , 5, 79	376
1910	A complete shikimate pathway in Toxoplasma gondii: an ancient eukaryotic innovation. <b>2004</b> , 34, 5-13	61
1909	Evidence for mitochondrial-derived alternative oxidase in the apicomplexan parasite Cryptosporidium parvum: a potential anti-microbial agent target. <b>2004</b> , 34, 297-308	73

1908	A first glimpse into the pattern and scale of gene transfer in Apicomplexa. <b>2004</b> , 34, 265-74	86
1907	<i>Toxoplasma gondii</i> : the model apicomplexan. <b>2004</b> , 34, 423-32	202
1906	<i>Plasmodium falciparum</i> -induced channels. <b>2004</b> , 34, 665-73	24
1905	Expressed sequence tag (EST) analysis of Gregarine gametocyst development. <b>2004</b> , 34, 1265-71	19
1904	The role of programmed cell death in <i>Plasmodium</i> -mosquito interactions. <b>2004</b> , 34, 1459-72	37
1903	Gene expression in <i>Plasmodium</i> : from gametocytes to sporozoites. <b>2004</b> , 34, 1431-40	15
1902	Variant genes and the spleen in <i>Plasmodium vivax</i> malaria. <b>2004</b> , 34, 1547-54	47
1901	Evolution: red algal genome affirms a common origin of all plastids. <b>2004</b> , 14, R514-6	195
1900	High coding density on the largest <i>Paramecium tetraurelia</i> somatic chromosome. <b>2004</b> , 14, 1397-404	40
1899	<i>Plasmodium falciparum</i> -infected erythrocytes bind to the RGD motif of fibronectin via the band 3-related adhesin. <b>2004</b> , 107, 157-62	3
1898	Severe malaria and intensive care. <b>2004</b> , 15, 185-197	0
1897	The microcirculation in severe malaria. <b>2004</b> , 11, 559-76	46
1896	Computational analysis of <i>Plasmodium falciparum</i> metabolism: organizing genomic information to facilitate drug discovery. <b>2004</b> , 14, 917-24	172
1895	Duplication and divergence: the evolution of new genes and old ideas. <b>2004</b> , 38, 615-43	620
1894	Functional characterization of an alternative [lactate dehydrogenase-like] malate dehydrogenase in <i>Plasmodium falciparum</i> . <b>2004</b> , 92, 43-7	19
1893	Identification and expression analysis of ABC genes in <i>Plasmodium yoelii</i> and <i>P. berghei</i> . <b>2004</b> , 92, 1-11	4
1892	Transcription status of vaccine candidate genes of <i>Plasmodium falciparum</i> during the hepatic phase of its life cycle. <b>2004</b> , 92, 449-52	25
1891	Targeting a DBL3gamma domain of the <i>Plasmodium falciparum</i> erythrocyte membrane protein 1 to the surface of <i>Saccharomyces cerevisiae</i> . <b>2004</b> , 93, 318-21	1

1890	The efficacy of inhibitors involved in spermidine metabolism in <i>Plasmodium falciparum</i> , <i>Anopheles stephensi</i> and <i>Trypanosoma evansi</i> . <b>2004</b> , 94, 37-48	6
1889	Coding properties of <i>Oxytricha trifallax</i> ( <i>Sterkiella histriomuscorum</i> ) macronuclear chromosomes: analysis of a pilot genome project. <b>2004</b> , 113, 69-76	26
1888	Pharmacokinetic and pharmacodynamic issues in the treatment of parasitic infections. <b>2004</b> , 23, 233-42	28
1887	The Py235 proteins: glimpses into the versatility of a malaria multigene family. <b>2004</b> , 6, 864-73	26
1886	Biosynthesis of isoprenoids via the non-mevalonate pathway. <b>2004</b> , 61, 1401-26	463
1885	[Infectious diseases-Part II: New agents, resistances, and treatment strategies]. <b>2004</b> , 99, 251-60	
1884	Genetic distance in housekeeping genes between <i>Plasmodium falciparum</i> and <i>Plasmodium reichenowi</i> and within <i>P. falciparum</i> . <b>2004</b> , 59, 687-94	29
1883	A genomic perspective of protein kinases in <i>Plasmodium falciparum</i> . <b>2005</b> , 58, 180-9	121
1882	Mass spectrometric analysis of <i>Plasmodium falciparum</i> erythrocyte membrane protein-1 variants expressed by placental malaria parasites. <b>2004</b> , 4, 1086-93	38
1881	Has the yo-yo stopped? An assessment of human protein-coding gene number. <b>2004</b> , 4, 1712-26	75
1880	Recovery of adhesion to chondroitin-4-sulphate in <i>Plasmodium falciparum</i> varCSA disruption mutants by antigenically similar PfEMP1 variants. <b>2003</b> , 49, 655-69	23
1879	Differential transcriptome profiling identifies <i>Plasmodium</i> genes encoding pre-erythrocytic stage-specific proteins. <b>2004</b> , 51, 1221-32	123
1878	Photosynthetic eukaryotes unite: endosymbiosis connects the dots. <b>2004</b> , 26, 50-60	255
1877	The transcriptome: malariologists ride the wave. <b>2004</b> , 26, 339-42	4
1876	Double staining of <i>Plasmodium falciparum</i> nucleic acids with hydroethidine and thiazole orange for cell cycle stage analysis by flow cytometry. <b>2004</b> , 57, 34-8	26
1875	Molecular players of homologous recombination in protozoan parasites: implications for generating antigenic variation. <b>2004</b> , 4, 91-8	29
1874	Perspectives in anti-infective drug design. The late steps in the biosynthesis of the universal terpenoid precursors, isopentenyl diphosphate and dimethylallyl diphosphate. <b>2004</b> , 32, 292-308	62
1873	Molecular aspects of malaria pathogenesis. <b>2004</b> , 41, 9-26	66



1872	First synthesis of a malarial prototype: a fully lipidated and phosphorylated GPI membrane anchor. <b>2004</b> , 45, 879-882	25
1871	On the evolutionary origins of apicoplasts: revisiting the rhodophyte vs. chlorophyte controversy. <b>2004</b> , 6, 305-11	26
1870	Protein kinases as targets for anti-parasitic chemotherapy. <b>2004</b> , 1697, 155-68	103
1869	Plasmodium falciparum glycogen synthase kinase-3: molecular model, expression, intracellular localisation and selective inhibitors. <b>2004</b> , 1697, 181-96	83
1868	Proteome-wide classification and identification of mammalian-type GPCRs by binary topology pattern. <b>2004</b> , 28, 39-49	28
1867	Gene organization and expression of the divalent cation transporter Nramp in the protistan parasite Perkinsus marinus. <b>2004</b> , 90, 1004-14	13
1866	Targeting malaria virulence and remodeling proteins to the host erythrocyte. <b>2004</b> , 306, 1930-3	699
1865	Plasmodium yoelii: identification and partial characterization of an MDR1 gene in an artemisinin-resistant line. <b>2004</b> , 90, 152-60	34
1864	Functional characterization of an LCCL-lectin domain containing protein family in Plasmodium berghei. <b>2004</b> , 90, 1062-71	39
1863	Shannon information in complete genomes. <b>2004</b> , 20-30	4
1862	Genome-derived vaccines. <b>2004</b> , 3, 59-76	63
1861	Identification and activity of a series of azole-based compounds with lactate dehydrogenase-directed anti-malarial activity. <b>2004</b> , 279, 31429-39	105
1860	PfPKB, a novel protein kinase B-like enzyme from Plasmodium falciparum: I. Identification, characterization, and possible role in parasite development. <b>2004</b> , 279, 24255-64	38
1859	A pathway for phosphatidylcholine biosynthesis in Plasmodium falciparum involving phosphoethanolamine methylation. <b>2004</b> , 101, 6206-11	132
1858	Parasitology. New ways to control malaria. <b>2004</b> , 303, 1984-5	12
1857	Plasmodium sporozoite molecular cell biology. <b>2004</b> , 20, 29-59	119
1856	Functional interdependence of the DBL $\beta$ domain and c2 region for binding of the Plasmodium falciparum variant antigen to ICAM-1*1. <b>2004</b> ,	
1855	Diversity and evolutionary history of plastids and their hosts. <b>2004</b> , 91, 1481-93	287

1854	A novel <i>Plasmodium falciparum</i> ring stage protein, REX, is located in Maurer's clefts. <b>2004,</b>	
1853	Interactions between malaria parasites and their mosquito hosts in the midgut. <b>2004,</b>	
1852	High throughput immuno-screening of cDNA expression libraries produced by in vitro recombination; exploring the <i>Plasmodium falciparum</i> proteome. <b>2004,</b> 133, 267-74	3
1851	Malaria vaccines for travelers. <b>2004,</b> 2, 193-210	3
1850	Complete genome sequence of the apicomplexan, <i>Cryptosporidium parvum</i> . <b>2004,</b> 304, 441-5	757
1849	GeneDB: a resource for prokaryotic and eukaryotic organisms. <b>2004,</b> 32, D339-43	190
1848	Analysis of transcripts expressed by <i>Eimeria tenella</i> oocysts using subtractive hybridization methods. <b>2004,</b> 90, 1245-52	24
1847	Phylogenomic evidence supports past endosymbiosis, intracellular and horizontal gene transfer in <i>Cryptosporidium parvum</i> . <b>2004,</b> 5, R88	128
1846	A comprehensive evolutionary classification of proteins encoded in complete eukaryotic genomes. <b>2004,</b> 5, R7	602
1845	PfADA2, a <i>Plasmodium falciparum</i> homologue of the transcriptional coactivator ADA2 and its in vivo association with the histone acetyltransferase PfGCN5. <b>2004,</b> 336, 251-61	32
1844	Analysis of the compositional biases in <i>Plasmodium falciparum</i> genome and proteome using <i>Arabidopsis thaliana</i> as a reference. <b>2004,</b> 336, 163-73	34
1843	Transcriptome of 3D7 and its gametocyte-less derivative F12 <i>Plasmodium falciparum</i> clones during erythrocytic development using a gene-specific microarray assigned to gene regulation, cell cycle and transcription factors. <b>2004,</b> 341, 267-77	21
1842	Direct evidence for cyanide-insensitive quinol oxidase (alternative oxidase) in apicomplexan parasite <i>Cryptosporidium parvum</i> : phylogenetic and therapeutic implications. <b>2004,</b> 313, 1044-52	54
1841	Orotate phosphoribosyltransferase and orotidine 5'-monophosphate decarboxylase exist as multienzyme complex in human malaria parasite <i>Plasmodium falciparum</i> . <b>2004,</b> 318, 1012-8	30
1840	Isolation and functional characterization of a dynamin-like gene from <i>Plasmodium falciparum</i> . <b>2004,</b> 320, 664-71	15
1839	The malaria parasite mitochondrion senses cytosolic Ca <sup>2+</sup> fluctuations. <b>2004,</b> 321, 138-44	55
1838	Identifying <i>Plasmodium falciparum</i> EBA-175 homologue sequences that specifically bind to human erythrocytes. <b>2004,</b> 321, 835-44	7
1837	<i>Plasmodium vivax</i> merozoite surface protein 8 cloning, expression, and characterisation. <b>2004,</b> 324, 1393-9	38

1836	Genomics for the ecological toolbox. <b>2004</b> , 19, 439-45	76
1835	Pernicious plans revealed: Plasmodium falciparum genome wide expression analysis. <b>2004</b> , 7, 382-7	25
1834	Exploring the sialome of the blood-sucking bug Rhodnius prolixus. <b>2004</b> , 34, 61-79	117
1833	Interactions between malaria parasites and their mosquito hosts in the midgut. <b>2004</b> , 34, 679-85	21
1832	Crystal structure of fully ligated adenylosuccinate synthetase from Plasmodium falciparum. <b>2004</b> , 335, 1251-64	35
1831	Conservation and developmental control of alternative splicing in mael among malaria parasites. <b>2004</b> , 343, 589-99	37
1830	The hexose transporter of Plasmodium falciparum is a worthy drug target. <b>2004</b> , 89, 371-4	18
1829	Calcium and a calcium-dependent protein kinase regulate gamete formation and mosquito transmission in a malaria parasite. <b>2004</b> , 117, 503-14	364
1828	Recent advances in transgenic arthropod technology. <b>2004</b> , 94, 95-110	2
1827	Sequencing strategies for parasite genomes. <b>2004</b> , 270, 1-16	1
1826	Annotation of parasite genomes. <b>2004</b> , 270, 17-44	7
1825	Parasite genome databases and web-based resources. <b>2004</b> , 270, 45-74	5
1824	Expressed sequence tags: medium-throughput protocols. <b>2004</b> , 270, 75-92	8
1823	Structural biology sheds light on the puzzle of genomic ORFans. <b>2004</b> , 342, 369-73	42
1822	Malaria and the red blood cell membrane. <b>2004</b> , 41, 173-88	105
1821	Biotechnology and vaccines: application of functional genomics to Neisseria meningitidis and other bacterial pathogens. <b>2004</b> , 113, 15-32	43
1820	Malaria vaccine developments. <b>2004</b> , 363, 150-6	133
1819	Variant surface antigen-specific IgG and protection against clinical consequences of pregnancy-associated Plasmodium falciparum malaria. <b>2004</b> , 363, 283-9	230

1818	Antimalarial combinations. <b>2004</b> , 364, 285-94	210
1817	Searching for ncRNAs in eukaryotic genomes: Maximizing biological input with RNAmotif. <b>2004</b> , 1, 64-79	7
1816	Severe malaria and intensive care. <b>2004</b> , 15, 185-197	1
1815	Integrating genetics and genomics to identify new leads for the control of <i>Eimeria</i> spp. <b>2004</b> , 128 Suppl 1, S33-42	9
1814	Data mining parasite genomes. <b>2004</b> , 128 Suppl 1, S23-31	3
1813	Copper pathways in <i>Plasmodium falciparum</i> infected erythrocytes indicate an efflux role for the copper P-ATPase. <b>2004</b> , 381, 803-11	38
1812	Localization of ferrochelatase in <i>Plasmodium falciparum</i> . <b>2004</b> , 384, 429-36	44
1811	'FAS't inhibition of malaria. <b>2004</b> , 383, 401-12	61
1810	Subunit Vaccines and Toxoids. <b>2004</b> , 243-263	1
1809	Timeline of Genomics (1977-2004). <b>2004</b> , 2, 256-267	
1808	Universality in large-scale structure of complete genomes. <b>2004</b> , 5, P7	2
1807	The nuclear genome of apicomplexan parasites. <b>2005</b> ,	
1806	Heme Detoxification in Malaria: A Target Rich Environment. <b>2005</b> , 263-280	2
1805	The unusually large <i>Plasmodium</i> telomerase reverse-transcriptase localizes in a discrete compartment associated with the nucleolus. <b>2005</b> , 33, 1111-22	55
1804	Inhibition of chondroitin-4-sulfate-specific adhesion of <i>Plasmodium falciparum</i> -infected erythrocytes by sulfated polysaccharides. <b>2005</b> , 73, 4288-94	39
1803	A review of the genetic epidemiology of resistance to parasitic disease and atopic asthma: common variants for common phenotypes?. <b>2005</b> , 5, 379-85	30
1802	The use of biodiversity as source of new chemical entities against defined molecular targets for treatment of malaria, tuberculosis, and T-cell mediated diseases--a review. <b>2005</b> , 100, 475-506	58
1801	Replication slippage and the dynamics of the immune response in malaria: a formal model for immunity. <b>2005</b> , 131, 727-35	5

1800	Reaction of artemisinin with haemoglobin: implications for antimalarial activity. <b>2005</b> , 385, 409-18	71
1799	Selection of peptides recognized by human antibodies against the surface of Plasmodium falciparum-infected erythrocytes. <b>2005</b> , 130, 1-11	36
1798	Isoprenoid biosynthetic pathways as anti-infective drug targets. <b>2005</b> , 33, 785-91	98
1797	PfPDE1, a novel cGMP-specific phosphodiesterase from the human malaria parasite Plasmodium falciparum. <b>2005</b> , 392, 221-9	46
1796	Eukaryotic parasite genome projects. <b>2005</b> ,	
1795	Chimeric epitopes delivered by polymeric synthetic linear peptides induce protective immunity to malaria. <b>2005</b> , 7, 1324-37	19
1794	Synthesis, biological evaluation, and modeling studies of inhibitors aimed at the malarial proteases plasmepsins I and II. <b>2005</b> , 13, 5371-90	34
1793	Cellular adhesive phenomena in apicomplexan parasites of red blood cells. <b>2005</b> , 132, 273-95	32
1792	Three-dimensional structure of Plasmodium falciparum Ca <sup>2+</sup> -ATPase (PfATP6) and docking of artemisinin derivatives to PfATP6. <b>2005</b> , 15, 2994-7	50
1791	In vitro and in silico analysis of signal peptides from the human blood fluke, Schistosoma mansoni. <b>2005</b> , 45, 201-11	13
1790	Vaccinology at the beginning of the 21st century. <b>2005</b> , 17, 411-8	68
1789	Protein kinases as targets for antimalarial intervention: Kinomics, structure-based design, transmission-blockade, and targeting host cell enzymes. <b>2005</b> , 1754, 132-50	70
1788	Identifying Plasmodium falciparum cytoadherence-linked asexual protein 3 (CLAG 3) sequences that specifically bind to C32 cells and erythrocytes. <b>2005</b> , 14, 504-13	16
1787	Jumping genes and shrinking genomes--probing the evolution of eukaryotic photosynthesis with genomics. <b>2005</b> , 57, 539-47	41
1786	Synthesis of malarial plasmepsin inhibitors and prediction of binding modes by molecular dynamics simulations. <b>2005</b> , 48, 6090-106	59
1785	The plastid-derived organelle of protozoan human parasites as a target of established and emerging drugs. <b>2005</b> , 9, 23-44	46
1784	Proteomics meets microbiology: technical advances in the global mapping of protein expression and function. <b>2005</b> , 7, 1061-76	53
1783	The apicoplast of Plasmodium falciparum is translationally active. <b>2005</b> , 56, 81-9	67

1782	Broad analysis reveals a consistent pattern of var gene transcription in <i>Plasmodium falciparum</i> repeatedly selected for a defined adhesion phenotype. <b>2005</b> , 56, 774-88	72
1781	Variant proteins of <i>Plasmodium vivax</i> are not clonally expressed in natural infections. <b>2005</b> , 58, 648-58	51
1780	The liver stage of <i>Plasmodium berghei</i> inhibits host cell apoptosis. <b>2005</b> , 58, 731-42	123
1779	Trafficking determinants for PfEMP3 export and assembly under the <i>Plasmodium falciparum</i> -infected red blood cell membrane. <b>2005</b> , 58, 1039-53	38
1778	Regulation of immune response by <i>Plasmodium</i> -infected red blood cells. <b>2005</b> , 27, 373-84	28
1777	An <i>Anopheles gambiae</i> salivary gland promoter analysis in <i>Drosophila melanogaster</i> and <i>Anopheles stephensi</i> . <b>2005</b> , 14, 207-16	28
1776	Protozoan genomics for drug discovery. <b>2005</b> , 23, 1089-91	63
1775	Synergy between sequence and size in large-scale genomics. <b>2005</b> , 6, 699-708	223
1774	Comparative apicomplexan genomics. <b>2005</b> , 3, 454-5	5
1773	Opinion: antibody-based therapies for malaria. <b>2005</b> , 3, 893-9	89
1772	A single member of the <i>Plasmodium falciparum</i> var multigene family determines cytoadhesion to the placental receptor chondroitin sulphate A. <b>2005</b> , 6, 775-81	163
1771	Genetically modified <i>Plasmodium</i> parasites as a protective experimental malaria vaccine. <i>Nature</i> , <b>2005</b> , 433, 164-7	50.4 379
1770	Binding of brassinosteroids to the extracellular domain of plant receptor kinase BRI1. <i>Nature</i> , <b>2005</b> , 433, 167-71	50.4 477
1769	The genome of the social amoeba <i>Dictyostelium discoideum</i> . <i>Nature</i> , <b>2005</b> , 435, 43-57	50.4 1042
1768	A protein interaction network of the malaria parasite <i>Plasmodium falciparum</i> . <i>Nature</i> , <b>2005</b> , 438, 103-7	50.4 425
1767	The <i>Plasmodium</i> protein network diverges from those of other eukaryotes. <i>Nature</i> , <b>2005</b> , 438, 108-12	50.4 110
1766	<i>Plasmodium falciparum</i> hypoxanthine guanine phosphoribosyltransferase. Stability studies on the product-activated enzyme. <b>2005</b> , 272, 1900-11	14
1765	High-throughput two-hybrid analysis. The promise and the peril. <b>2005</b> , 272, 5391-9	151

1764	Electron tomographic and ultrastructural analysis of the <i>Cryptosporidium parvum</i> relict mitochondrion, its associated membranes, and organelles. <b>2005</b> , 52, 132-40	65
1763	Products of tryptophan catabolism induce Ca <sup>2+</sup> release and modulate the cell cycle of <i>Plasmodium falciparum</i> malaria parasites. <b>2005</b> , 39, 224-30	49
1762	The role of ICAM-1 in <i>Plasmodium falciparum</i> cytoadherence. <b>2005</b> , 84, 15-27	82
1761	Parasite genomes. <b>2005</b> , 35, 465-79	17
1760	Integration of tools and resources for display and analysis of genomic data for protozoan parasites. <b>2005</b> , 35, 481-93	8
1759	Multidrug resistance in parasites: ABC transporters, P-glycoproteins and molecular modelling. <b>2005</b> , 35, 555-66	64
1758	Protozoan genomes: gene identification and annotation. <b>2005</b> , 35, 495-512	12
1757	Adherence of <i>Plasmodium falciparum</i> infected erythrocytes to CHO-745 cells and inhibition of binding by protein A in the presence of human serum. <b>2005</b> , 35, 1127-34	9
1756	A novel ADP/ATP transporter in the mitosome of the microaerophilic human parasite <i>Entamoeba histolytica</i> . <b>2005</b> , 15, 737-42	79
1755	Model of the TBP-TFIIB complex from <i>Plasmodium falciparum</i> : interface analysis and perspectives as a new target for antimalarial design. <b>2005</b> , 36, 317-30	7
1754	<i>Plasmodium falciparum</i> : characterization of a late asexual stage golgi protein containing both ankyrin and DHHC domains. <b>2005</b> , 110, 389-93	12
1753	<i>Plasmodium falciparum</i> : interaction of shikimate analogues with antimalarial drugs. <b>2005</b> , 111, 178-81	11
1752	Gene expression in <i>Plasmodium berghei</i> ookinetes and early oocysts in a co-culture system with mosquito cells. <b>2005</b> , 139, 1-13	16
1751	Characterization of kinetics of DNA strand-exchange and ATP hydrolysis activities of recombinant PfRad51, a <i>Plasmodium falciparum</i> recombinase. <b>2005</b> , 139, 33-9	12
1750	A novel Sushi domain-containing protein of <i>Plasmodium falciparum</i> . <b>2005</b> , 140, 61-8	25
1749	An analysis of genetic diversity within the ligand domains of the <i>Plasmodium falciparum</i> ebl-1 gene. <b>2005</b> , 140, 241-5	8
1748	An oligonucleotide microarray for transcriptome analysis of <i>Schistosoma mansoni</i> and its application/use to investigate gender-associated gene expression. <b>2005</b> , 141, 1-13	97
1747	Gene expression in <i>Plasmodium berghei</i> ookinetes and early oocysts in a co-culture system with mosquito cells. <b>2005</b> , 140, 253-267	1

1746	Organelle-specific cochaperonins in apicomplexan parasites. <b>2005</b> , 141, 133-143	28
1745	Amino acid sequence constraint and gene expression pattern across the life history in the malaria parasite <i>Plasmodium falciparum</i> . <b>2005</b> , 142, 170-6	4
1744	Shikimate and folate pathways in the protozoan parasite, <i>Perkinsus olseni</i> . <b>2005</b> , 142, 106-9	17
1743	Transcriptional analysis of in vivo <i>Plasmodium yoelii</i> liver stage gene expression. <b>2005</b> , 142, 177-83	40
1742	Insights into the <i>P. y. yoelii</i> hepatic stage transcriptome reveal complex transcriptional patterns. <b>2005</b> , 142, 184-92	11
1741	An iron regulatory-like protein expressed in <i>Plasmodium falciparum</i> displays aconitase activity. <b>2005</b> , 143, 29-38	26
1740	The <i>Plasmodium falciparum</i> sexual development transcriptome: a microarray analysis using ontology-based pattern identification. <b>2005</b> , 143, 67-79	258
1739	Characterization of plasmepsin V, a membrane-bound aspartic protease homolog in the endoplasmic reticulum of <i>Plasmodium falciparum</i> . <b>2005</b> , 143, 183-91	77
1738	Gene discovery in <i>Plasmodium vivax</i> through sequencing of ESTs from mixed blood stages. <b>2005</b> , 144, 1-9	23
1737	Microarray-based comparative genomic analyses of the human malaria parasite <i>Plasmodium falciparum</i> using Affymetrix arrays. <b>2005</b> , 144, 177-86	45
1736	Comparative folate metabolism in humans and malaria parasites (part I): pointers for malaria treatment from cancer chemotherapy. <b>2005</b> , 21, 292-8	79
1735	Mining the malaria transcriptome. <b>2005</b> , 21, 350-2	9
1734	A glycine-cleavage complex as part of the folate one-carbon metabolism of <i>Plasmodium falciparum</i> . <b>2005</b> , 21, 406-11	36
1733	Systems biology in malaria research. <b>2005</b> , 21, 393-5	7
1732	The hitchhiker's guide to malaria parasite genes. <b>2005</b> , 21, 489-93	7
1731	AutoFACT: an automatic functional annotation and classification tool. <b>2005</b> , 6, 151	168
1730	Evolutionary sequence analysis of complete eukaryote genomes. <b>2005</b> , 6, 53	44
1729	Prediction of the general transcription factors associated with RNA polymerase II in <i>Plasmodium falciparum</i> : conserved features and differences relative to other eukaryotes. <b>2005</b> , 6, 100	95



1728	A new Apicomplexa-specific protein kinase family: multiple members in <i>Plasmodium falciparum</i> , all with an export signature. <b>2005</b> , 6, 30	87
1727	<i>Plasmodium falciparum</i> myosins: transcription and translation during asexual parasite development. <b>2005</b> , 60, 200-13	20
1726	Detection of a <i>Plasmodium vivax</i> erythrocyte binding protein by flow cytometry. <b>2005</b> , 63, 59-66	32
1725	Deleterious transposable elements and the extinction of asexuals. <b>2005</b> , 27, 76-85	108
1724	Dithiol proteins as guardians of the intracellular redox milieu in parasites: old and new drug targets in trypanosomes and malaria-causing plasmodia. <b>2005</b> , 44, 690-715	249
1723	Dithiolproteine als Hüter des intrazellulären Redoxmilieus bei Parasiten: alte und neue Wirkstoff-Targets bei Trypanosomiasis und Malaria. <b>2005</b> , 117, 698-724	38
1722	The origin of dihydroorotate dehydrogenase genes of kinetoplastids, with special reference to their biological significance and adaptation to anaerobic, parasitic conditions. <b>2005</b> , 60, 113-27	76
1721	Gene organization features in A/T-rich organisms. <b>2005</b> , 60, 90-8	22
1720	Proteome composition in <i>Plasmodium falciparum</i> : higher usage of GC-rich nonsynonymous codons in highly expressed genes. <b>2005</b> , 61, 513-23	19
1719	Multi-membrane-bound structures of Apicomplexa: I. the architecture of the <i>Toxoplasma gondii</i> apicoplast. <b>2005</b> , 96, 258-72	34
1718	Gene expression in Florida red tide dinoflagellate <i>Karenia brevis</i> : analysis of an expressed sequence tag library and development of DNA microarray. <b>2005</b> , 7, 481-93	103
1717	Ion channels: molecular targets of neuroactive insecticides. <b>2005</b> , 5, 119-33	155
1716	A new scenario of plastid evolution: plastid primary endosymbiosis before the divergence of the "Plantae," emended. <b>2005</b> , 118, 247-55	49
1715	Molecular models of protein kinase 6 from <i>Plasmodium falciparum</i> . <b>2005</b> , 12, 42-8	27
1714	<i>Plasmodium</i> telomeres and telomerase: the usual actors in an unusual scenario. <b>2005</b> , 13, 517-24	29
1713	Elucidating genetic diversity with oligonucleotide arrays. <b>2005</b> , 13, 225-35	13
1712	Parasite plastids: approaching the endgame. <b>2005</b> , 80, 129-53	44
1711	A systematic nomenclature of chromosomal elements for hemiascomycete yeasts. <b>2005</b> , 22, 337-42	14

1710	Towards a proteomic definition of CoArtem action in Plasmodium falciparum malaria. <b>2005</b> , 5, 1849-58	37
1709	Global protein expression analysis in apicomplexan parasites: current status. <b>2005</b> , 5, 918-24	17
1708	Fractionation and identification of proteins by 2-DE and MS: towards a proteomic analysis of Plasmodium falciparum. <b>2005</b> , 5, 4213-22	30
1707	Emerging infectious diseases: a 10-year perspective from the National Institute of Allergy and Infectious Diseases. <b>2005</b> , 11, 519-25	141
1706	Changing concepts of a plant: current knowledge on plant diversity and evolution. <b>2005</b> , 22, 505-514	12
1705	Clinical and molecular aspects of severe malaria. <b>2005</b> , 77, 455-75	41
1704	8 Evolution of Terrestrial Animals and Their Viruses. <b>2005</b> , 289-382	4
1703	The organelles of apicomplexan parasites. <b>2005</b> ,	
1702	Eukaryotic genomics. <b>2005</b> ,	
1701	Schistosoma Genomics. <b>2005</b> , 45-64	
1700	History of U.S. military contributions to the study of malaria. <b>2005</b> , 170, 12-6	26
1699	Beyond GM Foods: Genomics, Biotechnology and Global Health Equity. <b>2005</b> , 33-44	
1698	Pilot gene discovery in plasmodial pathogens. <b>2005</b> ,	
1697	Gene arrays at Pneumocystis carinii telomeres. <b>2005</b> , 170, 1589-600	51
1696	The plant-type ferredoxin-NADP+ reductase/ferredoxin redox system as a possible drug target against apicomplexan human parasites. <b>2005</b> , 11, 3159-72	55
1695	Recent advances in the search for newer antimalarial agents. <b>2005</b> , 43, 189-237	5
1694	In vivo transcriptome of Plasmodium falciparum reveals overexpression of transcripts that encode surface proteins. <b>2005</b> , 191, 1196-203	83
1693	Antibodies to rhoptry-associated membrane antigen predict resistance to Plasmodium falciparum. <b>2005</b> , 192, 861-9	21

1692	Plasmodium falciparum variant surface antigen expression patterns during malaria. <b>2005</b> , 1, e26	132
1691	A Plasmodium whole-genome synteny map: indels and synteny breakpoints as foci for species-specific genes. <b>2005</b> , 1, e44	115
1690	Yeast model uncovers dual roles of mitochondria in action of artemisinin. <b>2005</b> , 1, e36	200
1689	TERMINUS--Telomeric End-Read Mining IN Unassembled Sequences. <b>2005</b> , 21, 1695-8	17
1688	Invasion by P. falciparum merozoites suggests a hierarchy of molecular interactions. <b>2005</b> , 1, e37	108
1687	Cross-reactive surface epitopes on chondroitin sulfate A-adherent Plasmodium falciparum-infected erythrocytes are associated with transcription of var2csa. <b>2005</b> , 73, 2848-56	41
1686	Early interactions between blood-stage plasmodium parasites and the immune system. <b>2005</b> , 297, 25-70	64
1685	RNA polymerase II synthesizes antisense RNA in Plasmodium falciparum. <b>2005</b> , 11, 365-70	49
1684	Plasmodium falciparum antigenic variation: relationships between in vivo selection, acquired antibody response, and disease severity. <b>2005</b> , 192, 1119-26	35
1683	Gene expression profiles of Blumeria graminis indicate dynamic changes to primary metabolism during development of an obligate biotrophic pathogen. <b>2005</b> , 17, 2107-22	109
1682	PfEMP1 expression is reduced on the surface of knobless Plasmodium falciparum infected erythrocytes. <b>2005</b> , 118, 2507-18	64
1681	Future directions in vaccines: the payoffs of basic research. <b>2005</b> , 24, 758-69	6
1680	Sequence and comparative genomic analysis of actin-related proteins. <b>2005</b> , 16, 5736-48	89
1679	Genomes, phylogeny, and evolutionary systems biology. <b>2005</b> , 102 Suppl 1, 6630-5	46
1678	Molecular mechanism for switching of P. falciparum invasion pathways into human erythrocytes. <b>2005</b> , 309, 1384-7	224
1677	A Plasmodium actin-depolymerizing factor that binds exclusively to actin monomers. <b>2005</b> , 16, 4013-23	64
1676	Protein function prediction using the Protein Link EXplorer (PLEX). <b>2005</b> , 21, 2558-9	41
1675	Interactions between malaria and mosquitoes: the role of apoptosis in parasite establishment and vector response to infection. <b>2005</b> , 289, 185-217	22

1674	Distinct protein classes including novel merozoite surface antigens in Raft-like membranes of <i>Plasmodium falciparum</i> . <b>2005</b> , 280, 40169-76	176
1673	<i>Plasmodium</i> liver stage developmental arrest by depletion of a protein at the parasite-host interface. <b>2005</b> , 102, 3022-7	296
1672	A post-genomic view of the mitochondrion in malaria parasites. <b>2005</b> , 295, 233-50	31
1671	Malaria in the pregnant woman. <b>2005</b> , 295, 169-200	50
1670	The diversity of dolichol-linked precursors to Asn-linked glycans likely results from secondary loss of sets of glycosyltransferases. <b>2005</b> , 102, 1548-53	229
1669	Structure of AMA1 from <i>Plasmodium falciparum</i> reveals a clustering of polymorphisms that surround a conserved hydrophobic pocket. <b>2005</b> , 102, 12736-41	159
1668	Cyanobacterial non-mevalonate pathway: (E)-4-hydroxy-3-methylbut-2-enyl diphosphate synthase interacts with ferredoxin in <i>Thermosynechococcus elongatus</i> BP-1. <b>2005</b> , 280, 20672-9	63
1667	Targeting a novel <i>Plasmodium falciparum</i> purine recycling pathway with specific immucillins. <b>2005</b> , 280, 9547-54	88
1666	Cyclic AMP and calcium interplay as second messengers in melatonin-dependent regulation of <i>Plasmodium falciparum</i> cell cycle. <b>2005</b> , 170, 551-7	109
1665	The first steps of transposable elements invasion: parasitic strategy vs. genetic drift. <b>2005</b> , 169, 1033-43	98
1664	Peroxiredoxin-linked detoxification of hydroperoxides in <i>Toxoplasma gondii</i> . <b>2005</b> , 280, 564-70	52
1663	Genetics. Themes and variations in apicomplexan parasite biology. <b>2005</b> , 309, 72-3	33
1662	Functional and immunological characterization of a duffy binding-like- gamma domain from <i>Plasmodium falciparum</i> erythrocyte membrane protein-1 expressed by a placental isolate. <b>2005</b> , 192, 1284-93	9
1661	Induction of strain-transcending immunity against <i>Plasmodium chabaudi</i> adami malaria with a multiepitope DNA vaccine. <b>2005</b> , 73, 2974-85	13
1660	Parasitology. Malaria vaccines: back to the future?. <b>2005</b> , 307, 528-30	24
1659	Identification, cloning, expression, and characterization of the gene for <i>Plasmodium knowlesi</i> surface protein containing an altered thrombospondin repeat domain. <b>2005</b> , 73, 5402-9	15
1658	<i>Plasmodium</i> ookinete invasion of the mosquito midgut. <b>2005</b> , 295, 357-82	16
1657	Shannon information in complete genomes. <b>2005</b> , 3, 587-608	16

1656	Plasmodium permeomics: membrane transport proteins in the malaria parasite. <b>2005</b> , 295, 325-56	12
1655	Antimalarial effects of macrolactones related to FK520 (ascomycin) are independent of the immunosuppressive properties of the compounds. <b>2005</b> , 191, 1342-9	31
1654	Using expression information to discover new drug and vaccine targets in the malaria parasite Plasmodium falciparum. <b>2005</b> , 6, 17-26	18
1653	Malaria vaccines in development. <b>2005</b> , 10, 489-503	20
1652	Mobile genetic elements and sexual reproduction. <b>2005</b> , 110, 372-82	26
1651	Characterization of the glyoxalases of the malarial parasite Plasmodium falciparum and comparison with their human counterparts. <b>2005</b> , 386, 41-52	43
1650	Structural metal dependency of the arginase from the human malaria parasite Plasmodium falciparum. <b>2005</b> , 386, 117-26	28
1649	Labelling of four distinct trophozoite falcipains of Plasmodium falciparum by a cystatin-derived probe. <b>2005</b> , 386, 401-6	6
1648	Realizing the promise of genomics in biomedical research. <b>2005</b> , 294, 1399-402	105
1647	Molecular analysis of the anaerobic rumen fungus Orpinomyces - insights into an AT-rich genome. <b>2005</b> , 151, 121-133	40
1646	Malaria in the post-genomics era: light at the end of the tunnel or just another train?. <b>2005</b> , 81, 505-9	9
1645	A selenocysteine tRNA and SECIS element in Plasmodium falciparum. <b>2005</b> , 11, 119-22	31
1644	Analysis of the vitamin B6 biosynthesis pathway in the human malaria parasite Plasmodium falciparum. <b>2005</b> , 280, 5242-8	77
1643	Reduced variation around drug-resistant dhfr alleles in African Plasmodium falciparum. <b>2005</b> , 22, 1834-44	32
1642	Plasmodial surface anion channel-independent phloridzin resistance in Plasmodium falciparum. <b>2005</b> , 280, 16861-7	24
1641	Cultivation and genetics of Artemisia annua L. for increased production of the antimalarial artemisinin. <b>2005</b> , 3, 206-229	77
1640	Evolution of noncoding and silent coding sites in the Plasmodium falciparum and Plasmodium reichenowi genomes. <b>2005</b> , 22, 1621-6	17
1639	Unexpected diversity and differential success of DNA transposons in four species of entamoeba protozoans. <b>2005</b> , 22, 1751-63	54

1638	metaSHARK: software for automated metabolic network prediction from DNA sequence and its application to the genomes of <i>Plasmodium falciparum</i> and <i>Eimeria tenella</i> . <b>2005</b> , 33, 1399-409	78
1637	Cloning of a novel <i>Babesia equi</i> gene encoding a 158-kilodalton protein useful for serological diagnosis. <b>2005</b> , 12, 334-8	6
1636	The excess of 5' introns in eukaryotic genomes. <b>2005</b> , 33, 6522-7	30
1635	Towards systematic identification of <i>Plasmodium</i> essential genes by transposon shuttle mutagenesis. <b>2005</b> , 33, e174	19
1634	Emerging and reemerging infectious diseases: the perpetual challenge. <b>2005</b> , 80, 1079-85	59
1633	2002 Student Debates on Medical and Veterinary Entomology. <b>2005</b> , 51, 104-115	1
1632	Analysis of the transcriptome of the protozoan <i>Theileria parva</i> using MPSS reveals that the majority of genes are transcriptionally active in the schizont stage. <b>2005</b> , 33, 5503-11	45
1631	<i>Cryptosporidium</i> and cryptosporidiosis. <b>2005</b> , 59, 77-158	129
1630	Small-Scale Gene Duplications. <b>2005</b> , 289-327	11
1629	The genome sequence of <i>Trypanosoma cruzi</i> , etiologic agent of Chagas disease. <b>2005</b> , 309, 409-15	1085
1628	PHYLOGENETIC IMPLICATIONS OF THE CAD COMPLEX FROM THE PRIMITIVE RED ALGA CYANIDIOSCHYZON MEROLAE (CYANIDIALES, RHODOPHYTA)1. <b>2005</b> , 41, 652-657	10
1627	Comparative analyses of fundamental differences in membrane transport capabilities in prokaryotes and eukaryotes. <b>2005</b> , 1, e27	124
1626	High-efficiency transformation of <i>Plasmodium falciparum</i> by the lepidopteran transposable element piggyBac. <b>2005</b> , 102, 16391-6	133
1625	Genome sequence of <i>Theileria parva</i> , a bovine pathogen that transforms lymphocytes. <b>2005</b> , 309, 134-7	259
1624	Progress in Botany. <b>2005</b> ,	
1623	A novel enzyme complex of orotate phosphoribosyltransferase and orotidine 5'-monophosphate decarboxylase in human malaria parasite <i>Plasmodium falciparum</i> : physical association, kinetics, and inhibition characterization. <b>2005</b> , 44, 1643-52	47
1622	Sulfur-containing amino acid metabolism in parasitic protozoa. <b>2005</b> , 60, 1-99	89
1621	The non-random location of human oncogenes and tumour suppressor genes. <b>2005</b> , 58, 1-14	

1620	Economy, speed and size matter: evolutionary forces driving nuclear genome miniaturization and expansion. <b>2005</b> , 95, 147-75	268
1619	PfMyb1, a Plasmodium falciparum transcription factor, is required for intra-erythrocytic growth and controls key genes for cell cycle regulation. <b>2005</b> , 346, 29-42	81
1618	Complex protein targeting to dinoflagellate plastids. <b>2005</b> , 348, 1015-24	135
1617	The epigenetic control of antigenic variation in Plasmodium falciparum. <b>2005</b> , 8, 434-40	58
1616	How genomics has affected the concept of microbiology. <b>2005</b> , 8, 564-71	35
1615	Mosquito immunity against Plasmodium. <b>2005</b> , 35, 677-89	87
1614	Structural and active site analysis of plasmepsins of Plasmodium falciparum: potential anti-malarial targets. <b>2005</b> , 37, 73-84	8
1613	Proteolipid of vacuolar H(+)-ATPase of Plasmodium falciparum: cDNA cloning, gene organization and complementation of a yeast null mutant. <b>2005</b> , 1717, 89-96	6
1612	Identification and characterisation of the Plasmodium vivax rhoptry-associated protein 2. <b>2005</b> , 337, 853-9	26
1611	Comparative genomics of malaria parasites. <b>2005</b> , 15, 609-13	24
1610	Causes and effects of nuclear genome reduction. <b>2005</b> , 15, 601-8	62
1609	Heterochromatin silencing and locus repositioning linked to regulation of virulence genes in Plasmodium falciparum. <b>2005</b> , 121, 13-24	373
1608	Telomeric heterochromatin propagation and histone acetylation control mutually exclusive expression of antigenic variation genes in malaria parasites. <b>2005</b> , 121, 25-36	387
1607	Revealing the molecular determinants of gender in malaria parasites. <b>2005</b> , 121, 659-60	1
1606	Amino terminal peptides from the Plasmodium falciparum EBA-181/JESEBL protein bind specifically to erythrocytes and inhibit in vitro merozoite invasion. <b>2005</b> , 87, 425-36	8
1605	Unusual properties of Plasmodium falciparum actin: new insights into microfilament dynamics of apicomplexan parasites. <b>2005</b> , 579, 655-60	79
1604	A putative novel alpha/beta hydrolase ORFan family in Bacillus. <b>2005</b> , 579, 3175-82	12
1603	Malaria parasite-infected erythrocytes inhibit glucose utilization in uninfected red cells. <b>2005</b> , 579, 6151-8	53

1602	Peptides from the Plasmodium falciparum STEVOR putative protein bind with high affinity to normal human red blood cells. <b>2005</b> , 26, 1133-43	15
1601	Malaria vaccines: using models of immunity and functional genomics tools to accelerate the development of vaccines against Plasmodium falciparum. <b>2005</b> , 23, 2235-42	7
1600	Real-time PCR for detection and identification of Plasmodium spp. <b>2005</b> , 43, 2435-40	181
1599	The genome of the African trypanosome Trypanosoma brucei. <b>2005</b> , 309, 416-22	1323
1598	Exploring the folate pathway in Plasmodium falciparum. <b>2005</b> , 94, 191-206	95
1597	Plasmodium falciparum malaria in south-west Nigerian children: is the polymorphism of ICAM-1 and E-selectin genes contributing to the clinical severity of malaria?. <b>2005</b> , 95, 248-55	23
1596	Advances in malaria genomics since MIM Arusha, 2002. <b>2005</b> , 95, 260-4	5
1595	Identifying Plasmodium falciparum merozoite surface antigen 3 (MSP3) protein peptides that bind specifically to erythrocytes and inhibit merozoite invasion. <b>2005</b> , 14, 1778-86	18
1594	Aquaporins from pathogenic protozoan parasites: structure, function and potential for chemotherapy. <b>2005</b> , 97, 373-83	69
1593	Comparative Genomics in Eukaryotes. <b>2005</b> , 521-583	7
1592	Abundance, distribution and dynamics of retrotransposable elements and transposons: similarities and differences. <b>2005</b> , 110, 426-40	95
1591	Mitochondrion-derived organelles in protists and fungi. <b>2005</b> , 244, 175-225	76
1590	AFMoC enhances predictivity of 3D QSAR: a case study with DOXP-reductoisomerase. <b>2005</b> , 48, 3547-63	57
1589	Active-site specificity of digestive aspartic peptidases from the four species of Plasmodium that infect humans using chromogenic combinatorial peptide libraries. <b>2005</b> , 44, 1768-79	36
1588	The plastid of Plasmodium spp.: a target for inhibitors. <b>2005</b> , 295, 251-73	20
1587	Comparative Genomics in Prokaryotes. <b>2005</b> , 585-675	20
1586	"Plasmo2D": an ancillary proteomic tool to aid identification of proteins from Plasmodium falciparum. <b>2005</b> , 4, 2369-74	6
1585	Schistosomiasis. <b>2005</b> ,	4



1584	Malaria: Drugs, Disease and Post-genomic Biology. <b>2005,</b>	1
1583	A comprehensive survey of the Plasmodium life cycle by genomic, transcriptomic, and proteomic analyses. <b>2005, 307, 82-6</b>	662
1582	Extranuclear Inheritance: Mitochondrial Genetics and Biogenesis. <b>2005, 91-111</b>	
1581	Molecular mechanisms of resistance in antimalarial chemotherapy: the unmet challenge. <b>2005, 45, 565-85</b>	39
1580	Molecular analysis of two local falciparum malaria outbreaks on the French Guiana coast confirms the msp1 B-K1/varD genotype association with severe malaria. <b>2005, 4, 26</b>	17
1579	Expression of Plasmodium falciparum erythrocyte membrane protein 1 in experimentally infected humans. <b>2005, 4, 21</b>	77
1578	An AFLP-based genetic linkage map of Plasmodium chabaudi chabaudi. <b>2005, 4, 11</b>	26
1577	Genome-scale evidence of the nematode-arthropod clade. <b>2005, 6, R41</b>	63
1576	The 'permeome' of the malaria parasite: an overview of the membrane transport proteins of Plasmodium falciparum. <b>2005, 6, R26</b>	133
1575	Lineage-specific expansion of proteins exported to erythrocytes in malaria parasites. <b>2006, 7, R12</b>	312
1574	Integration and mining of malaria molecular, functional and pharmacological data: how far are we from a chemogenomic knowledge space?. <b>2006, 5, 110</b>	14
1573	The 10 kDa domain of human erythrocyte protein 4.1 binds the Plasmodium falciparum EBA-181 protein. <b>2006, 5, 100</b>	20
1572	Comparative proteomic analysis of metabolically labelled proteins from Plasmodium falciparum isolates with different adhesion properties. <b>2006, 5, 67</b>	22
1571	A database of antimalarial drug resistance. <b>2006, 5, 48</b>	32
1570	Regulation of sexual development of Plasmodium by translational repression. <b>2006, 313, 667-9</b>	333
1569	Substrate mapping and inhibitor profiling of falcipain-2, falcipain-3 and berghepain-2: implications for peptidase anti-malarial drug discovery. <b>2006, 399, 47-57</b>	44
1568	Proteomics of the human malaria parasite Plasmodium falciparum. <b>2006, 3, 87-95</b>	23
1567	Advances in vaccine development against the pre-erythrocytic stage of Plasmodium falciparum malaria. <b>2006, 5, 81-93</b>	14

1566	[Malaria: a medical and economic problem]. <b>2006</b> , 35, 555-7	0
1565	An analysis of mobile genetic elements in three Plasmodium species and their potential impact on the nucleotide composition of the P. falciparum genome. <b>2006</b> , 7, 282	15
1564	Origins of sequence diversity in the malaria vaccine candidate merozoite surface protein-2 (MSP-2) in Amazonian isolates of Plasmodium falciparum. <b>2006</b> , 376, 224-30	16
1563	BOOK REVIEW. <b>2006</b> , 10, 188-189	
1562	Developmental biology of sporozoite-host interactions in Plasmodium falciparum malaria: implications for vaccine design. <b>2006</b> , 19, 686-707	41
1561	Microarrays Technologies 2006: an overview. <b>2006</b> , 7, 1153-8	14
1560	Analytical chemistry and developing nations. Making inroads on malaria. MS and other analytical methods aid the detection and understanding of the persistent parasite Plasmodium. <b>2006</b> , 78, 5252-60	2
1559	Comparative protein modeling of 1-deoxy-D-xylulose-5-phosphate reductoisomerase enzyme from Plasmodium falciparum: a potential target for antimalarial drug discovery. <b>2006</b> , 46, 1360-70	16
1558	Inhibitor binding to the plasmepsin IV aspartic protease from Plasmodium falciparum. <b>2006</b> , 45, 10529-41	25
1557	A conserved molecular motor drives cell invasion and gliding motility across malaria life cycle stages and other apicomplexan parasites. <b>2006</b> , 281, 5197-208	267
1556	A complex gene cluster for indole-diterpene biosynthesis in the grass endophyte Neotyphodium lolii. <b>2006</b> , 43, 679-93	160
1555	Malaria: new vaccines for old?. <b>2006</b> , 124, 689-93	15
1554	Dihydroxyacetone and methylglyoxal as permeants of the Plasmodium aquaglyceroporin inhibit parasite proliferation. <b>2006</b> , 1758, 1012-7	43
1553	Identification of four evolutionarily related G protein-coupled receptors from the malaria mosquito Anopheles gambiae. <b>2006</b> , 344, 160-5	64
1552	Cloning, expression, and characterisation of a Plasmodium vivax MSP7 family merozoite surface protein. <b>2006</b> , 351, 639-44	23
1551	The developmental migration of Plasmodium in mosquitoes. <b>2006</b> , 16, 384-91	52
1550	Comparative genome analyses of nervous system-specific genes. <b>2006</b> , 365, 130-6	9
1549	The malaria parasite Plasmodium falciparum histones: organization, expression, and acetylation. <b>2006</b> , 369, 53-65	141

1548	Variable SNP density in aspartyl-protease genes of the malaria parasite Plasmodium falciparum. <b>2006</b> , 376, 163-73	4
1547	Unraveling the 'DEAD-box' helicases of Plasmodium falciparum. <b>2006</b> , 376, 1-12	40
1546	On the abundance, amino acid composition, and evolutionary dynamics of low-complexity regions in proteins. <b>2006</b> , 378, 19-30	87
1545	Alveolate and chlorophycean mitochondrial cox2 genes split twice independently. <b>2006</b> , 383, 33-7	38
1544	A relevant in vitro eukaryotic live-cell system for the evaluation of plasmodial protein localization. <b>2006</b> , 88, 1367-75	5
1543	Microwave-Accelerated Synthesis of Protease Inhibitors. <b>2006</b> , 167-198	15
1542	Dating divergences in the Fungal Tree of Life: review and new analyses. <b>2006</b> , 98, 838-49	239
1541	A family affair: var genes, PfEMP1 binding, and malaria disease. <b>2006</b> , 9, 374-80	214
1540	Protein targeting to destinations of the secretory pathway in the malaria parasite Plasmodium falciparum. <b>2006</b> , 9, 381-7	41
1539	Induction of cross-reactive immune responses to NTS-DBL-1alpha/x of PfEMP1 and in vivo protection on challenge with Plasmodium falciparum. <b>2006</b> , 24, 6140-54	10
1538	Toward silencing the burden of malaria: progress and prospects for RNAi-based approaches. <b>2006</b> , Suppl, 38-44	16
1537	Enlistment of omics technologies in the fight against malaria: Panacea or Pandora's Box?. <b>2006</b> , 31, 263-272	2
1536	The role of KAHRP domains in knob formation and cytoadherence of P falciparum-infected human erythrocytes. <b>2006</b> , 108, 370-8	112
1535	Generation of genetically engineered mosquitoes refractory to malaria parasites : Challenge for malaria control through the genetic manipulation of its vector. <b>2006</b> , 57, 249-254	
1534	High road, low road? Choices and challenges on the pathway to a malaria vaccine. <b>2006</b> , 133 Suppl, S113-44	25
1533	Genomics of Pathogenic Parasites. <b>2006</b> , 417-444	2
1532	Dating divergences in the Fungal Tree of Life: review and new analyses. <b>2006</b> , 98, 838-849	289
1531	Shotgun Sequencing (SGS). <b>2006</b> ,	3

1530	Structure of Plasmodium falciparum dihydroorotate dehydrogenase with a bound inhibitor. <b>2006</b> , 62, 312-23	76
1529	Proteases and chaperones are the most abundant proteins in the parasitophorous vacuole of Plasmodium falciparum-infected erythrocytes. <b>2006</b> , 6, 1563-73	87
1528	Proteomic analysis of the eukaryotic parasite Encephalitozoon cuniculi (microsporidia): a reference map for proteins expressed in late sporogonial stages. <b>2006</b> , 6, 3625-35	42
1527	Aspects actuels du paludisme. <b>2006</b> , 2006, 25-38	1
1526	Variant antigen gene expression in malaria. <b>2006</b> , 8, 1371-81	55
1525	Functional genomics of Plasmodium falciparum through transposon-mediated mutagenesis. <b>2006</b> , 8, 1529-36	23
1524	The science commons in life science research: structure, function, and value of access to genetic diversity. <b>2006</b> , 58, 299-317	12
1523	Metabolic maps and functions of the Plasmodium mitochondrion. <b>2006</b> , 30, 596-630	183
1522	Transient silencing of Plasmodium falciparum bifunctional glucose-6-phosphate dehydrogenase-6-phosphogluconolactonase. <b>2006</b> , 273, 1537-46	20
1521	Adaptive response to the antimalarial drug artesunate in yeast involves Pdr1p/Pdr3p-mediated transcriptional activation of the resistance determinants TPO1 and PDR5. <b>2006</b> , 6, 1130-9	32
1520	Regulation of apicomplexan microfilament dynamics by a minimal set of actin-binding proteins. <b>2006</b> , 7, 1433-9	65
1519	Maurer's clefts-restricted localization, orientation and export of a Plasmodium falciparum RIFIN. <b>2006</b> , 7, 1654-65	33
1518	Evidence for Golgi-independent transport from the early secretory pathway to the plastid in malaria parasites. <b>2006</b> , 61, 614-30	77
1517	The cell biology of secondary endosymbiosis--how parasites build, divide and segregate the apicoplast. <b>2006</b> , 61, 1380-7	42
1516	Evidence that Plasmodium falciparum chromosome end clusters are cross-linked by protein and are the sites of both virulence gene silencing and activation. <b>2006</b> , 62, 72-83	43
1515	Heterochromatin-mediated control of virulence gene expression. <b>2006</b> , 62, 612-20	36
1514	Antigen presentation and dendritic cell biology in malaria. <b>2006</b> , 28, 5-14	38
1513	Immunology of malaria infections. <b>2006</b> , 28, 1-4	9

1512	Genetic identification of antigens protective against coccidia. <b>2006</b> , 28, 305-14		22
1511	Leukaemia: niche retreats for stem cells. <i>Nature</i> , <b>2006</b> , 444, 827-8	50.4	32
1510	Efficient site-specific integration in Plasmodium falciparum chromosomes mediated by mycobacteriophage Bxb1 integrase. <b>2006</b> , 3, 615-21		189
1509	The impact of microwave synthesis on drug discovery. <b>2006</b> , 5, 51-63		457
1508	Innovative lead discovery strategies for tropical diseases. <b>2006</b> , 5, 941-55		408
1507	Pre-erythrocytic malaria vaccines: towards greater efficacy. <b>2006</b> , 6, 21-32		107
1506	Protozoan encounters with Toll-like receptor signalling pathways: implications for host parasitism. <b>2006</b> , 6, 895-906		254
1505	Applied systems biology and malaria. <b>2006</b> , 4, 145-51		31
1504	Plasmodium post-genomics: better the bug you know?. <b>2006</b> , 4, 344-57		58
1503	Regulation of apicomplexan actin-based motility. <b>2006</b> , 4, 621-8		130
1502	Matrix metalloproteinases, tissue inhibitors of MMPs and TACE in experimental cerebral malaria. <b>2006</b> , 86, 873-88		57
1501	A var gene promoter controls allelic exclusion of virulence genes in Plasmodium falciparum malaria. <i>Nature</i> , <b>2006</b> , 439, 1004-8	50.4	215
1500	Sodium-dependent uptake of inorganic phosphate by the intracellular malaria parasite. <i>Nature</i> , <b>2006</b> , 443, 582-5	50.4	77
1499	Malaria: a protective paradox. <i>Nature</i> , <b>2006</b> , 444, 824-7	50.4	10
1498	Expressed sequence tag (EST) analysis of the erythrocytic stages of Babesia bovis. <b>2006</b> , 138, 61-74		27
1497	Folate metabolism as a source of molecular targets for antimalarials. <b>2006</b> , 1, 113-25		41
1496	The thiol-based redox networks of pathogens: unexploited targets in the search for new drugs. <b>2006</b> , 27, 109-20		71
1495	Antimalarial drugs - host targets (re)visited. <b>2006</b> , 1, 321-32		35

1494	Type II Fatty Acid Biosynthesis, a New Approach in Antimalarial Natural Product Discovery. <b>2006</b> , 5, 99-108	13
1493	A Genomic and Phylogenetic Perspective on Endosymbiosis and Algal Origin. <b>2006</b> , 18, 475-481	14
1492	Multi-membrane-bound structures of Apicomplexa: II. the ovoid mitochondrial cytoplasmic (OMC) complex of <i>Toxoplasma gondii</i> tachyzoites. <b>2006</b> , 98, 355-69	11
1491	Antiplasmodial marine natural products in the perspective of current chemotherapy and prevention of malaria: a review. <b>2006</b> , 8, 433-47	34
1490	Vaccine development against malaria. <b>2006</b> , 18, 449-57	56
1489	Comparison of microsatellite and antigen-coding loci for differentiating recrudescing <i>Plasmodium falciparum</i> infections from reinfections in Kenya. <b>2006</b> , 36, 329-36	15
1488	Activation, silencing and mutually exclusive expression within the var gene family of <i>Plasmodium falciparum</i> . <b>2006</b> , 36, 975-85	44
1487	Understanding anthelmintic resistance: the need for genomics and genetics. <b>2006</b> , 36, 1227-39	133
1486	Plant mitochondrial dynamics. <b>2006</b> , 1763, 430-41	80
1485	<i>Plasmodium</i> research in the postgenomic era. <b>2006</b> , 22, 1-4	10
1484	<i>Plasmodium</i> motility: actin not actin' like actin. <b>2006</b> , 22, 146-7	24
1483	Progress towards the development of malaria vaccines. <b>2006</b> , 22, 292-5	37
1482	PlasmoDB v5: new looks, new genomes. <b>2006</b> , 22, 543-6	28
1481	Evolution of non-LTR retrotransposons in the trypanosomatid genomes: <i>Leishmania major</i> has lost the active elements. <b>2006</b> , 145, 158-70	29
1480	Generation of gene targeting constructs for <i>Plasmodium berghei</i> by a PCR-based method amenable to high throughput applications. <b>2006</b> , 145, 265-8	26
1479	Identification of <i>Plasmodium falciparum</i> var1CSA and var2CSA domains that bind IgM natural antibodies. <b>2006</b> , 146, 192-7	32
1478	The A/T-specific DNA alkylating agent adozelesin inhibits <i>Plasmodium falciparum</i> growth in vitro and protects mice against <i>Plasmodium chabaudi adami</i> infection. <b>2006</b> , 148, 52-9	12
1477	Disguising itself--insights into <i>Plasmodium falciparum</i> binding and immune evasion from the DBL crystal structure. <b>2006</b> , 148, 1-9	30

1476	VAR2CSA is the principal ligand for chondroitin sulfate A in two allogeneic isolates of <i>Plasmodium falciparum</i> . <b>2006</b> , 148, 117-24	91
1475	Heterologous expression of proteins from <i>Plasmodium falciparum</i> : results from 1000 genes. <b>2006</b> , 148, 144-60	155
1474	Global genetic diversity and evolution of var genes associated with placental and severe childhood malaria. <b>2006</b> , 148, 169-80	135
1473	Multi-character population study of the vir subtelomeric multigene superfamily of <i>Plasmodium vivax</i> , a major human malaria parasite. <b>2006</b> , 149, 10-6	27
1472	Duplication, gene conversion, and genetic diversity in the species-specific acyl-CoA synthetase gene family of <i>Plasmodium falciparum</i> . <b>2006</b> , 150, 10-24	40
1471	Negative selection using yeast cytosine deaminase/uracil phosphoribosyl transferase in <i>Plasmodium falciparum</i> for targeted gene deletion by double crossover recombination. <b>2006</b> , 150, 118-21	85
1470	Extense variant gene family repertoire overlap in Western Amazon <i>Plasmodium falciparum</i> isolates. <b>2006</b> , 150, 157-65	30
1469	N-terminal positively charged amino acids, but not their exact position, are important for apicoplast transit peptide fidelity in <i>Toxoplasma gondii</i> . <b>2006</b> , 150, 192-200	45
1468	Differential var gene transcription in <i>Plasmodium falciparum</i> isolates from patients with cerebral malaria compared to hyperparasitaemia. <b>2006</b> , 150, 211-8	161
1467	Abundance of intrinsically unstructured proteins in <i>P. falciparum</i> and other apicomplexan parasite proteomes. <b>2006</b> , 150, 256-67	91
1466	Chloroquine-resistant isoforms of the <i>Plasmodium falciparum</i> chloroquine resistance transporter acidify lysosomal pH in HEK293 cells more than chloroquine-sensitive isoforms. <b>2006</b> , 150, 288-99	20
1465	Phylogenetic analysis of coccidian parasites from invertebrates: search for missing links. <b>2006</b> , 157, 173-83	50
1464	Sigma: multiple alignment of weakly-conserved non-coding DNA sequence. <b>2006</b> , 7, 143	16
1463	Differential gene transfers and gene duplications in primary and secondary endosymbioses. <b>2006</b> , 6, 38	5
1462	Comparative rates of evolution in endosymbiotic nuclear genomes. <b>2006</b> , 6, 46	17
1461	Highly expressed proteins have an increased frequency of alanine in the second amino acid position. <b>2006</b> , 7, 28	25
1460	Analysis of active site loop amino acids of lactate dehydrogenase from <i>Plasmodium vivax</i> by site-directed mutagenesis studies. <b>2006</b> , 67, 175-180	5
1459	Coding Fregoli's illusion. <b>2006</b> , 15, 127-131	1

1458	Aquaporin water and solute channels from malaria parasites and other pathogenic protozoa. <b>2006</b> , 1, 587-92	19
1457	Achiral, cheap, and potent inhibitors of Plasmepsins I, II, and IV. <b>2006</b> , 1, 1341-5	43
1456	Plasmepsins as potential targets for new antimalarial therapy. <b>2006</b> , 26, 626-66	131
1455	Studies of Malaria by Mass Spectrometry. <b>2006</b> , 161-180	
1454	Hypervariability within the Rifin, Stevor and Pfmc-2TM superfamilies in Plasmodium falciparum. <b>2006</b> , 34, 6696-707	70
1453	Transcribed var genes associated with placental malaria in Malawian women. <b>2006</b> , 74, 4875-83	78
1452	metaSHARK: a WWW platform for interactive exploration of metabolic networks. <b>2006</b> , 34, W725-8	23
1451	Computational modeling of the Plasmodium falciparum interactome reveals protein function on a genome-wide scale. <b>2006</b> , 16, 542-9	79
1450	Complete nucleotide sequence of the chlorarachniophyte nucleomorph: nature's smallest nucleus. <b>2006</b> , 103, 9566-71	173
1449	Functional characterization and target validation of alternative complex I of Plasmodium falciparum mitochondria. <b>2006</b> , 50, 1841-51	102
1448	The Plasmodium selenoproteome. <b>2006</b> , 34, 496-505	66
1447	Malaria: therapy, genes and vaccines. <b>2006</b> , 6, 309-26	14
1446	Drug Targets for Plasmodium falciparum: a post-genomic review/survey. <b>2006</b> , 6, 177-202	22
1445	Transcriptome analyses of human genes and applications for proteome analyses. <b>2006</b> , 7, 147-63	8
1444	Nitric oxide and cnidarian bleaching: an eviction notice mediates breakdown of a symbiosis. <b>2006</b> , 209, 2804-10	130
1443	Malarial parasites vs. antimalarials: never-ending rumble in the jungle. <b>2006</b> , 6, 247-51	21
1442	Mutually exclusive expression of virulence genes by malaria parasites is regulated independently of antigen production. <b>2006</b> , 2, e22	156
1441	New perspectives on host-parasite interplay by comparative transcriptomic and proteomic analyses of Schistosoma japonicum. <b>2006</b> , 2, e29	208



1440	Macronuclear genome sequence of the ciliate <i>Tetrahymena thermophila</i> , a model eukaryote. <b>2006</b> , 4, e286	544
1439	Identification of humoral immune responses in protein microarrays using DNA microarray data analysis techniques. <b>2006</b> , 22, 1760-6	84
1438	Baculovirus-expressed constructs induce immunoglobulin G that recognizes VAR2CSA on <i>Plasmodium falciparum</i> -infected erythrocytes. <b>2006</b> , 74, 4357-60	54
1437	Biological and Medical Data Analysis. <b>2006</b> ,	1
1436	Strict pairing of var promoters and introns is required for var gene silencing in the malaria parasite <i>Plasmodium falciparum</i> . <b>2006</b> , 281, 9942-52	84
1435	Niche metabolism in parasitic protozoa. <b>2006</b> , 361, 101-18	45
1434	Immunization of Aotus monkeys with recombinant cysteine-rich interdomain region 1 alpha protects against severe disease during <i>Plasmodium falciparum</i> reinfection. <b>2006</b> , 193, 731-40	19
1433	Evidence on the chromosomal location of centromeric DNA in <i>Plasmodium falciparum</i> from etoposide-mediated topoisomerase-II cleavage. <b>2006</b> , 103, 6706-11	42
1432	Population genetics models of competition between transposable element subfamilies. <b>2006</b> , 174, 785-93	47
1431	Recurrent gene amplification and soft selective sweeps during evolution of multidrug resistance in malaria parasites. <b>2007</b> , 24, 562-73	120
1430	Tetracyclines specifically target the apicoplast of the malaria parasite <i>Plasmodium falciparum</i> . <b>2006</b> , 50, 3124-31	207
1429	Limited cross-reactivity among domains of the <i>Plasmodium falciparum</i> clone 3D7 erythrocyte membrane protein 1 family. <b>2006</b> , 74, 6778-84	23
1428	Aminoacyl-transferases and the N-end rule pathway of prokaryotic/eukaryotic specificity in a human pathogen. <b>2006</b> , 103, 3078-83	75
1427	PfPKB, a protein kinase B-like enzyme from <i>Plasmodium falciparum</i> : II. Identification of calcium/calmodulin as its upstream activator and dissection of a novel signaling pathway. <b>2006</b> , 281, 27126-33	58
1426	Malaria: Genetic and Evolutionary Aspects. <b>2006</b> ,	5
1425	A systematic map of genetic variation in <i>Plasmodium falciparum</i> . <b>2006</b> , 2, e57	159
1424	The human malaria parasite <i>Plasmodium falciparum</i> expresses an atypical N-terminally extended pyrophosphokinase with specificity for thiamine. <b>2006</b> , 387, 1583-91	13
1423	Physical linkage to drug resistance genes results in conservation of var genes among West Pacific <i>Plasmodium falciparum</i> isolates. <b>2006</b> , 194, 939-48	11

1422	Comparative whole genome transcriptome analysis of three Plasmodium falciparum strains. <b>2006</b> , 34, 1166-73	239
1421	Virulence of malaria is associated with differential expression of Plasmodium falciparum var gene subgroups in a case-control study. <b>2006</b> , 193, 1567-74	129
1420	Vitamin B1 de novo synthesis in the human malaria parasite Plasmodium falciparum depends on external provision of 4-amino-5-hydroxymethyl-2-methylpyrimidine. <b>2006</b> , 387, 41-51	36
1419	A "holistic" kinesin phylogeny reveals new kinesin families and predicts protein functions. <b>2006</b> , 17, 1734-43	128
1418	Identification and stoichiometry of glycosylphosphatidylinositol-anchored membrane proteins of the human malaria parasite Plasmodium falciparum. <b>2006</b> , 5, 1286-99	190
1417	Apoptosis-like death as a feature of malaria infection in mosquitoes. <b>2006</b> , 132 Suppl, S33-47	35
1416	Modulation of Leishmania ABC protein gene expression through life stages and among drug-resistant parasites. <b>2006</b> , 5, 1713-25	74
1415	High-mobility-group box nuclear factors of Plasmodium falciparum. <b>2006</b> , 5, 672-82	35
1414	Delivery of the malaria virulence protein PfEMP1 to the erythrocyte surface requires cholesterol-rich domains. <b>2006</b> , 5, 849-60	52
1413	Thioredoxin networks in the malarial parasite Plasmodium falciparum. <b>2006</b> , 8, 1227-39	75
1412	Recombinant expression and biochemical characterization of the unique elongating beta-ketoacyl-acyl carrier protein synthase involved in fatty acid biosynthesis of Plasmodium falciparum using natural and artificial substrates. <b>2006</b> , 281, 9538-46	23
1411	Treatment and prevention of malaria in pregnancy: opportunities and challenges. <b>2006</b> , 4, 687-702	12
1410	Differential expression of var gene groups is associated with morbidity caused by Plasmodium falciparum infection in Tanzanian children. <b>2006</b> , 74, 3904-11	159
1409	Intramembrane proteolytic cleavage by human signal peptide peptidase like 3 and malaria signal peptide peptidase. <b>2006</b> , 20, 1671-9	40
1408	Algae need their vitamins. <b>2006</b> , 5, 1175-83	290
1407	Codon Signature Extremes In Eukaryote genomes. <b>2006</b> , 52, 281-297	1
1406	Analysis of the Trypanosoma cruzi cyclophilin gene family and identification of Cyclosporin A binding proteins. <b>2006</b> , 132, 867-82	19
1405	Membrane transporters in the relict plastid of malaria parasites. <b>2006</b> , 103, 9572-7	114

1404	Using the genome to dissect the molecular basis of drug resistance. <b>2006</b> , 1, 185-99	3
1403	Cell biology of mitochondrial dynamics. <b>2006</b> , 254, 151-213	35
1402	Developmental genomics of the most dangerous animal. <b>2007</b> , 104, 11865-6	2
1401	Structures of activated fructose-1,6-bisphosphatase from <i>Escherichia coli</i> . Coordinate regulation of bacterial metabolism and the conservation of the R-state. <b>2007</b> , 282, 11696-704	27
1400	Six genes are preferentially transcribed by the circulating and sequestered forms of <i>Plasmodium falciparum</i> parasites that infect pregnant women. <b>2007</b> , 75, 4838-50	49
1399	Malaria hemozoin is immunologically inert but radically enhances innate responses by presenting malaria DNA to Toll-like receptor 9. <b>2007</b> , 104, 1919-24	406
1398	15-deoxyspergualin primarily targets the trafficking of apicoplast proteins in <i>Plasmodium falciparum</i> . <b>2007</b> , 282, 6388-97	34
1397	Molecular and functional analyses of a novel class I secretory nuclease from the human pathogen, <i>Leishmania donovani</i> . <b>2007</b> , 282, 10079-10095	18
1396	Symbiosis as an adaptive process and source of phenotypic complexity. <b>2007</b> , 104 Suppl 1, 8627-33	346
1395	PfGCN5-mediated histone H3 acetylation plays a key role in gene expression in <i>Plasmodium falciparum</i> . <b>2007</b> , 6, 1219-27	104
1394	Genome sequence of <i>Babesia bovis</i> and comparative analysis of apicomplexan hemoprotozoa. <b>2007</b> , 3, 1401-13	279
1393	Dual targeting of antioxidant and metabolic enzymes to the mitochondrion and the apicoplast of <i>Toxoplasma gondii</i> . <b>2007</b> , 3, e115	82
1392	Malaria stage-specific vaccine candidates. <b>2007</b> , 13, 1989-99	2
1391	Epigenomic modifications predict active promoters and gene structure in <i>Toxoplasma gondii</i> . <b>2007</b> , 3, e77	91
1390	Purification of components of the translation elongation factor complex of <i>Plasmodium falciparum</i> by tandem affinity purification. <b>2007</b> , 6, 584-91	10
1389	Towards an effective malaria vaccine. <b>2007</b> , 92, 476-9	14
1388	Sequencing and analysis of chromosome 1 of <i>Eimeria tenella</i> reveals a unique segmental organization. <b>2007</b> , 17, 311-9	42
1387	Nucleoside transport as a potential target for chemotherapy in malaria. <b>2007</b> , 13, 569-80	38

1386	Origins and evolution of antigenic diversity in malaria parasites. <b>2007</b> , 7, 588-602	10
1385	Population genomics of the immune evasion (var) genes of Plasmodium falciparum. <b>2007</b> , 3, e34	112
1384	A challenge for the development of malaria vaccines: polymorphic target antigens. <b>2007</b> , 4, e116	12
1383	VectorBase: a home for invertebrate vectors of human pathogens. <b>2007</b> , 35, D503-5	97
1382	Immunoglobulin G antibody reactivity to a group A Plasmodium falciparum erythrocyte membrane protein 1 and protection from P. falciparum malaria. <b>2007</b> , 75, 2415-20	31
1381	Comparasite: a database for comparative study of transcriptomes of parasites defined by full-length cDNAs. <b>2007</b> , 35, D431-8	27
1380	Enoyl reductases as targets for the development of anti-tubercular and anti-malarial agents. <b>2007</b> , 8, 399-411	21
1379	Plant parasitic oomycetes such as phytophthora species contain genes derived from three eukaryotic lineages. <b>2007</b> , 2, 112-4	13
1378	Genomics and emerging drug discovery technologies. <b>2007</b> , 2, S83-9	4
1377	Genomics-based drug design targets the AT-rich malaria parasite: implications for antiparasite chemotherapy. <b>2007</b> , 8, 1267-72	11
1376	Growth inhibition of Toxoplasma gondii and Plasmodium falciparum by nanomolar concentrations of 1-hydroxy-2-dodecyl-4(1H)quinolone, a high-affinity inhibitor of alternative (type II) NADH dehydrogenases. <b>2007</b> , 51, 1217-22	73
1375	Assessment of safety of the major antimalarial drugs. <b>2007</b> , 6, 505-21	12
1374	Using databases and data mining in vaccinology. <b>2007</b> , 2, 19-35	8
1373	Differential changes in Plasmodium falciparum var transcription during adaptation to culture. <b>2007</b> , 195, 748-55	42
1372	Structural RNAs of known and unknown function identified in malaria parasites by comparative genomics and RNA analysis. <b>2007</b> , 13, 1923-39	75
1371	High-throughput Plasmodium falciparum growth assay for malaria drug discovery. <b>2007</b> , 51, 716-23	133
1370	Effects of sex, parity, and sequence variation on seroreactivity to candidate pregnancy malaria vaccine antigens. <b>2007</b> , 196, 155-64	47
1369	Adhesion molecules and other secreted host-interaction determinants in Apicomplexa: insights from comparative genomics. <b>2007</b> , 262, 1-74	46

1368	Antigenic variation in Plasmodium falciparum: gene organization and regulation of the var multigene family. <b>2007</b> , 6, 1511-20	122
1367	Evidence for a common role for the serine-type Plasmodium falciparum serine repeat antigen proteases: implications for vaccine and drug design. <b>2007</b> , 75, 5565-74	63
1366	Characterization of the antibody response against Plasmodium falciparum erythrocyte membrane protein 1 in human volunteers. <b>2007</b> , 75, 5967-73	9
1365	3D7-Derived Plasmodium falciparum erythrocyte membrane protein 1 is a frequent target of naturally acquired antibodies recognizing protein domains in a particular pattern independent of malaria transmission intensity. <b>2007</b> , 178, 428-35	19
1364	Characterization of a Plasmodium falciparum macrophage-migration inhibitory factor homologue. <b>2007</b> , 195, 905-12	42
1363	Molecular epidemiology of malaria. <b>2007</b> , 20, 188-204	70
1362	Characterization of a UBC13 kinase in Plasmodium falciparum. <b>2007</b> , 104, 7845-50	23
1361	Characterisation of Plasmodium falciparum RESA-like protein peptides that bind specifically to erythrocytes and inhibit invasion. <b>2007</b> , 388, 15-24	3
1360	Molecular cloning of apicoplast-targeted Plasmodium falciparum DNA gyrase genes: unique intrinsic ATPase activity and ATP-independent dimerization of PfGyrB subunit. <b>2007</b> , 6, 398-412	57
1359	Bioinformatic identification of tandem repeat antigens of the Leishmania donovani complex. <b>2007</b> , 75, 846-51	42
1358	Transition State Analogue Inhibitors of N-Ribosyltransferases. 177-208	1
1357	Fighting against Malaria: Prevent Wars while Waiting for the Miraculous Vaccine. <b>2007</b> , 89, 165-177	51
1356	From the blogosphere. <i>Nature</i> , <b>2007</b> , 449, xi-xi	50.4
1355	Copper Transporters and Chaperones. <b>2007</b> ,	
1354	Genomics. <b>2007</b> , 43-56	
1353	Biochemistry. <b>2007</b> , 57-77	1
1352	Developing Plasmodium falciparum malaria vaccines for populations living in areas with stable parasite transmission. <b>2007</b> , 9, 292	
1351	Transport of the essential nutrient isoleucine in human erythrocytes infected with the malaria parasite Plasmodium falciparum. <b>2007</b> , 109, 2217-24	94

1350	Mitochondrial Dynamics: The Control of Mitochondrial Shape, Size, Number, Motility, and Cellular Inheritance. 1-35	1
1349	Targeting purine and pyrimidine metabolism in human apicomplexan parasites. <b>2007</b> , 8, 31-47	97
1348	Comparative kinomics of Plasmodium organisms: unity in diversity. <b>2007</b> , 14, 509-17	20
1347	Asexual blood-stage malaria vaccine development: facing the challenges. <b>2007</b> , 20, 467-75	45
1346	Shikimate kinase: a potential target for development of novel antitubercular agents. <b>2007</b> , 8, 459-68	38
1345	New concepts in vaccine development in malaria. <b>2007</b> , 20, 311-6	11
1344	Plasmodium falciparum during pregnancy: a puzzling parasite tissue adhesion tropism. <b>2007</b> , 134, 1863-9	18
1343	VAR2CSA and protective immunity against pregnancy-associated Plasmodium falciparum malaria. <b>2007</b> , 134, 1871-6	47
1342	AAV vectors encoding malarial antigens stimulate antigen-specific immunity but do not protect from parasite infection. <b>2007</b> , 25, 1014-22	18
1341	Challenges in the successful control of the avian coccidia. <b>2007</b> , 25, 5540-7	112
1340	Identification of Eimeria tenella genes encoding for secretory proteins and evaluation of candidates by DNA immunisation studies in chickens. <b>2007</b> , 25, 6625-34	32
1339	Characterisation of the phosphatidylinositol synthase gene of Plasmodium species. <b>2007</b> , 158, 51-9	15
1338	BAC clones generated from sheared DNA. <b>2007</b> , 89, 291-9	25
1337	A new system for rapid plasmid integration in Plasmodium parasites. <b>2007</b> , 15, 3-6	6
1336	Overexpression, purification and localization of apoptosis related protein from Plasmodium falciparum. <b>2007</b> , 52, 363-72	11
1335	Expression, purification, and molecular characterization of Plasmodium falciparum FK506-binding protein 35 (PffKBP35). <b>2007</b> , 53, 179-85	15
1334	Comparative genomics and evolution of eukaryotic phospholipid biosynthesis. <b>2007</b> , 46, 171-99	73
1333	Why do we still have a maternally inherited mitochondrial DNA? Insights from evolutionary medicine. <b>2007</b> , 76, 781-821	260

1332	Unraveling the components of protein translocation pathway in human malaria parasite <i>Plasmodium falciparum</i> . <b>2007</b> , 467, 249-60	19
1331	Functional, structural, and immunological compartmentalisation of malaria invasive proteins. <b>2007</b> , 354, 363-71	21
1330	<i>Plasmodium falciparum</i> erythrocyte membrane protein-1 specifically suppresses early production of host interferon-gamma. <b>2007</b> , 2, 130-8	43
1329	Polyphasic evidence delineating the root of life and roots of biological domains. <b>2007</b> , 403, 39-52	36
1328	The Hsp40 proteins of <i>Plasmodium falciparum</i> and other apicomplexa: regulating chaperone power in the parasite and the host. <b>2007</b> , 39, 1781-803	110
1327	Biochemical properties and cellular localization of <i>Plasmodium falciparum</i> protein disulfide isomerase. <b>2007</b> , 89, 337-46	29
1326	Ferredoxin-NADP+ reductase from <i>Plasmodium falciparum</i> undergoes NADP+-dependent dimerization and inactivation: functional and crystallographic analysis. <b>2007</b> , 367, 501-13	36
1325	Molecular implications of evolutionary differences in CHD double chromodomains. <b>2007</b> , 369, 334-42	44
1324	Stimulation of Vgamma9/Vdelta2 T-lymphocyte proliferation by the isoprenoid precursor, (E)-1-hydroxy-2-methyl-but-2-enyl 4-diphosphate. <b>2007</b> , 212, 47-55	21
1323	Molecular genetic tools in <i>Toxoplasma</i> and <i>Plasmodium</i> : achievements and future needs. <b>2007</b> , 10, 349-56	31
1322	Advances in understanding the genetic basis of antimalarial drug resistance. <b>2007</b> , 10, 363-70	84
1321	Triggers and tricks of <i>Plasmodium</i> sexual development. <b>2007</b> , 10, 547-53	21
1320	Mitochondria and apicoplast of <i>Plasmodium falciparum</i> : behaviour on subcellular fractionation and the implication. <b>2007</b> , 7, 125-32	41
1319	The <i>Fusarium graminearum</i> genome reveals a link between localized polymorphism and pathogen specialization. <b>2007</b> , 317, 1400-2	668
1318	Proteins of the malaria parasite sexual stages: expression, function and potential for transmission blocking strategies. <b>2007</b> , 134, 1911-29	114
1317	Functional characterization of the <i>Plasmodium falciparum</i> and <i>P. berghei</i> homologues of macrophage migration inhibitory factor. <b>2007</b> , 75, 1116-28	69
1316	Structure and content of the <i>Entamoeba histolytica</i> genome. <b>2007</b> , 65, 51-190	142
1315	Patterns of gene recombination shape var gene repertoires in <i>Plasmodium falciparum</i> : comparisons of geographically diverse isolates. <b>2007</b> , 8, 45	137

1314	Protein Targeting Protocols. <b>2007</b> ,	1
1313	Eighteenth International Seaweed Symposium. <b>2007</b> ,	1
1312	Eukaryotic Membranes and Cytoskeleton. <b>2007</b> ,	3
1311	The calpains: modular designs and functional diversity. <b>2007</b> , 8, 218	160
1310	Did an ancient chlamydial endosymbiosis facilitate the establishment of primary plastids?. <b>2007</b> , 8, R99	153
1309	World Antimalarial Resistance Network (WARN) II: in vitro antimalarial drug susceptibility. <b>2007</b> , 6, 120	47
1308	The use of fluorescence enhancement to improve the microscopic diagnosis of falciparum malaria. <b>2007</b> , 6, 89	22
1307	Changes in var gene mRNA levels during erythrocytic development in two phenotypically distinct Plasmodium falciparum parasites. <b>2007</b> , 6, 78	36
1306	Deletion mutagenesis of large areas in Plasmodium falciparum genes: a comparative study. <b>2007</b> , 6, 64	8
1305	Assembling a global database of malaria parasite prevalence for the Malaria Atlas Project. <b>2007</b> , 6, 17	102
1304	Myosin Class XIV And Other Myosins In Protists. <b>2008</b> , 421-440	3
1303	Gene function analysis. Preface. <b>2007</b> , 408, vii-ix	2
1302	Origin and evolution of self-consumption: autophagy. <b>2007</b> , 607, 111-8	29
1301	Characterization of the Plasmodium falciparum M17 leucyl aminopeptidase. A protease involved in amino acid regulation with potential for antimalarial drug development. <b>2007</b> , 282, 2069-80	96
1300	PfEMP1-DBL1alpha amino acid motifs in severe disease states of Plasmodium falciparum malaria. <b>2007</b> , 104, 15835-40	71
1299	Inhibition of Plasmodium falciparum ispH (lytB) gene expression by hammerhead ribozyme. <b>2007</b> , 17, 189-200	5
1298	Progress and challenges towards the development of malaria vaccines. <b>2007</b> , 21, 357-73	4
1297	Interactive semisupervised learning for microarray analysis. <b>2007</b> , 4, 190-203	6



1296	ProtozoaDB: dynamic visualization and exploration of protozoan genomes. <b>2008</b> , 36, D547-52	13
1295	Bioinformatics Research and Development. <b>2007</b> ,	3
1294	Genome assembly, rearrangement, and repeats. <b>2007</b> , 107, 3391-406	19
1293	A long and winding road: the Plasmodium sporozoite's journey in the mammalian host. <b>2007</b> , 56, 171-8	52
1292	Opening Pandora's Box: making biological discoveries through computational data exploration. <b>2007</b> , 2, 29	
1291	Intrinsic disorder and functional proteomics. <b>2007</b> , 92, 1439-56	57 <sup>1</sup>
1290	Repetitive sequences in complex genomes: structure and evolution. <b>2007</b> , 8, 241-59	245
1289	The Apicoplast. <b>2007</b> , 475-505	
1288	Design and synthesis of potent inhibitors of the malaria parasite dihydroorotate dehydrogenase. <b>2007</b> , 50, 186-91	54
1287	Coadaptation and malaria control. <b>2007</b> , 102, 385-404	2
1286	Linkage group selection: towards identifying genes controlling strain specific protective immunity in malaria. <b>2007</b> , 2, e857	22
1285	Molecular aspects of Plasmodium falciparum Infection during pregnancy. <b>2007</b> , 2007, 43785	9
1284	The Apicoplast and Mitochondrion of Toxoplasma gondii. <b>2007</b> , 207-244	1
1283	Microsatellite characterization of Plasmodium falciparum from symptomatic and non-symptomatic infections from the Western Amazon reveals the existence of non-symptomatic infection-associated genotypes. <b>2007</b> , 102, 293-8	18
1282	Toxoplasma as a Model System for Apicomplexan Drug Discovery. <b>2007</b> , 505-539	
1281	Comparative Aspects of Nucleotide and Amino-acid Metabolism in Toxoplasma gondii and other Apicomplexa. <b>2007</b> , 465-504	
1280	Malaria vaccines. <b>2007</b> , 12, 3928-55	4
1279	. <b>2007</b> ,	211

1278	Evolutionary History of the Malaria Parasites. 175-187	1
1277	Molecular and genetic analysis of symbiosis expressed secondary metabolite genes from the mutualistic fungal endophytes <i>Neotyphodium lolii</i> and <i>Epichloa festucae</i> . 59-77	
1276	Transit peptide diversity and divergence: A global analysis of plastid targeting signals. <b>2007</b> , 29, 1048-58	123
1275	Herbizide [neue Wirkstoffe gegen die Malaria? Ein Zellorganell pflanzlichen Ursprungs macht Plasmodium verwundbar. <b>2007</b> , 37, 228-234	
1274	Kinetic recognition of AT-rich DNA by ruthenium complexes. <b>2007</b> , 46, 2203-6	62
1273	Automated system for gene annotation and metabolic pathway reconstruction using general sequence databases. <b>2007</b> , 4, 2593-602	24
1272	Kinetic Recognition of AT-Rich DNA by Ruthenium Complexes. <b>2007</b> , 119, 2253-2256	18
1271	Cytometry in malaria: moving beyond Giemsa. <b>2007</b> , 71, 643-5	23
1270	Genome evolution and functional divergence in <i>Yersinia</i> . <b>2007</b> , 308, 37-49	7
1269	Recent advances in antimalarial drug development. <b>2007</b> , 27, 65-107	78
1268	Molecular evolution of the vesicle coat component betaCOP in <i>Toxoplasma gondii</i> . <b>2007</b> , 44, 1284-94	7
1267	Assessing the monophyly of chlorophyll-c containing plastids by multi-gene phylogenies under the unlinked model conditions. <b>2007</b> , 45, 227-38	20
1266	Modification of eukaryotic initiation factor 5A from <i>Plasmodium vivax</i> by a truncated deoxyhypusine synthase from <i>Plasmodium falciparum</i> : An enzyme with dual enzymatic properties. <b>2007</b> , 15, 6200-7	19
1265	Solution structure of FK506 binding domain (FKBD) of <i>Plasmodium falciparum</i> FK506 binding protein 35 (PffKBP35). <b>2008</b> , 70, 300-2	12
1264	Mobile elements and genome evolution. <b>2007</b> , 41, 203-213	12
1263	Lessons in the genomic diversity of malaria. <b>2007</b> , 39, 1	4
1262	Toward a malaria haplotype map. <b>2007</b> , 39, 5-6	11
1261	Genome-wide variation and identification of vaccine targets in the <i>Plasmodium falciparum</i> genome. <b>2007</b> , 39, 126-30	166

1260	A genome-wide map of diversity in <i>Plasmodium falciparum</i> . <b>2007</b> , 39, 113-9	265
1259	Genome variation and evolution of the malaria parasite <i>Plasmodium falciparum</i> . <b>2007</b> , 39, 120-5	159
1258	Educating health-care professionals about genetics and genomics. <b>2007</b> , 8, 151-7	231
1257	Variety is the spice of eukaryotic life. <b>2007</b> , 5, 660-1	
1256	Specific role of mitochondrial electron transport in blood-stage <i>Plasmodium falciparum</i> . <i>Nature</i> , <b>2007</b> , 446, 88-91	50.4 358
1255	Expressed Sequence Tag Analysis of the Dinoflagellate <i>Lingulodinium polyedrum</i> During Dark Phase. <b>2007</b> , 80, 31-35	1
1254	<i>Plasmodium</i> cysteine repeat modular proteins 1-4: complex proteins with roles throughout the malaria parasite life cycle. <b>2007</b> , 9, 1466-80	42
1253	A novel protein kinase family in <i>Plasmodium falciparum</i> is differentially transcribed and secreted to various cellular compartments of the host cell. <b>2007</b> , 63, 391-403	95
1252	<i>Plasmodium falciparum</i> var gene expression is developmentally controlled at the level of RNA polymerase II-mediated transcription initiation. <b>2007</b> , 63, 1237-47	105
1251	Cell cycle-regulated vesicular trafficking of <i>Toxoplasma</i> APT1, a protein localized to multiple apicoplast membranes. <b>2007</b> , 63, 1653-68	63
1250	Suicide prevention: disruption of apoptotic pathways by protozoan parasites. <b>2007</b> , 64, 904-16	71
1249	Variable switching rates of malaria virulence genes are associated with chromosomal position. <b>2007</b> , 64, 1486-98	86
1248	Expression switching in the <i>stevor</i> and <i>Pfmc-2TM</i> superfamilies in <i>Plasmodium falciparum</i> . <b>2007</b> , 64, 1621-34	251
1247	Alterations in local chromatin environment are involved in silencing and activation of subtelomeric var genes in <i>Plasmodium falciparum</i> . <b>2007</b> , 66, 139-50	38
1246	Mapping a common interaction site used by <i>Plasmodium falciparum</i> Duffy binding-like domains to bind diverse host receptors. <b>2008</b> , 67, 78-87	64
1245	Electron tomography of the Maurer's cleft organelles of <i>Plasmodium falciparum</i> -infected erythrocytes reveals novel structural features. <b>2008</b> , 67, 703-18	69
1244	N1-acetyl-N2-formyl-5-methoxykynuramine modulates the cell cycle of malaria parasites. <b>2007</b> , 42, 261-6	37
1243	Human malarial parasite, <i>Plasmodium falciparum</i> , displays capacitative calcium entry: 2-aminoethyl diphenylborinate blocks the signal transduction pathway of melatonin action on the <i>P. falciparum</i> cell cycle. <b>2007</b> , 43, 360-4	49

1242	Dyneins across eukaryotes: a comparative genomic analysis. <b>2007</b> , 8, 1708-1721	215
1241	Protein targeting to the malaria parasite plastid. <b>2008</b> , 9, 166-75	59
1240	The twists and turns of Maurer's cleft trafficking in <i>P. falciparum</i> -infected erythrocytes. <b>2008</b> , 9, 187-97	56
1239	Malaria - an overview. <b>2007</b> , 274, 4670-9	142
1238	Helicases - feasible antimalarial drug target for <i>Plasmodium falciparum</i> . <b>2007</b> , 274, 4699-704	42
1237	RepSeq--a database of amino acid repeats present in lower eukaryotic pathogens. <b>2007</b> , 8, 122	25
1236	Selection of long oligonucleotides for gene expression microarrays using weighted rank-sum strategy. <b>2007</b> , 8, 350	46
1235	Identification of homologs in insignificant blast hits by exploiting extrinsic gene properties. <b>2007</b> , 8, 356	25
1234	cDNA sequences reveal considerable gene prediction inaccuracy in the <i>Plasmodium falciparum</i> genome. <b>2007</b> , 8, 255	46
1233	Sequences conserved by selection across mouse and human malaria species. <b>2007</b> , 8, 372	9
1232	A genomic survey of the fish parasite <i>Spiroplasma salmonicida</i> indicates genomic plasticity among diplomonads and significant lateral gene transfer in eukaryote genome evolution. <b>2007</b> , 8, 51	76
1231	A recombinase system facilitates cloning of expression cassettes in the ciliate <i>Tetrahymena thermophila</i> . <b>2007</b> , 7, 12	11
1230	<i>Plasmodium falciparum</i> : hrp3 promoter region is associated with stage-specificity and episomal recombination. <b>2007</b> , 116, 327-33	6
1229	The methylerythritol phosphate pathway for isoprenoid biosynthesis in coccidia: presence and sensitivity to fosmidomycin. <b>2007</b> , 116, 375-84	43
1228	Real-time PCR versus conventional PCR for malaria parasite detection in low-grade parasitemia. <b>2007</b> , 116, 427-32	45
1227	Advancements in transfection technologies for <i>Plasmodium</i> . <b>2007</b> , 37, 1-10	34
1226	Pregnancy-associated malaria: parasite binding, natural immunity and vaccine development. <b>2007</b> , 37, 273-83	31
1225	Re-assessing the locations of components of the classical vesicle-mediated trafficking machinery in transfected <i>Plasmodium falciparum</i> . <b>2007</b> , 37, 1127-41	33

1224	Comparative genomics: from genotype to disease phenotype in the leishmaniases. <b>2007</b> , 37, 1173-86	88
1223	Anti-malarial drug targets: screening for inhibitors of 2C-methyl-D-erythritol 4-phosphate synthase (IspC protein) in Mediterranean plants. <b>2007</b> , 14, 242-9	20
1222	Meeting Report: 16th Meeting of the International Society for Evolutionary Protistology; Wrocław, Poland, August 2-5, 2006 (ISEP XVI). <b>2007</b> , 158, 5-19	1
1221	Transcription and coregulation of multigene families in <i>Plasmodium falciparum</i> . <b>2007</b> , 23, 183-6; discussion 186-7	5
1220	Whole-genome natural histories of apicomplexan surface proteins. <b>2007</b> , 23, 205-12	18
1219	The malaria parasite type II NADH:quinone oxidoreductase: an alternative enzyme for an alternative lifestyle. <b>2007</b> , 23, 305-10	59
1218	Metabolic reconstruction and analysis for parasite genomes. <b>2007</b> , 23, 548-54	32
1217	Target assessment for antiparasitic drug discovery. <b>2007</b> , 23, 589-95	112
1216	Malaria: a peek at the var variorum. <b>2007</b> , 23, 563-5	5
1215	Structural biology of plasmodial proteins. <b>2007</b> , 17, 744-54	3
1214	An alternative model for heme biosynthesis in the malarial parasite. <b>2007</b> , 32, 443-9	30
1213	Genome-scale protein expression and structural biology of <i>Plasmodium falciparum</i> and related Apicomplexan organisms. <b>2007</b> , 151, 100-10	199
1212	Cell-free production of functional <i>Plasmodium falciparum</i> dihydrofolate reductase-thymidylate synthase. <b>2007</b> , 151, 216-9	13
1211	Regulatory motifs uncovered among gene expression clusters in <i>Plasmodium falciparum</i> . <b>2007</b> , 153, 19-30	29
1210	<i>Plasmodium falciparum</i> Na <sup>+</sup> /H <sup>+</sup> exchanger activity and quinine resistance. <b>2007</b> , 153, 48-58	56
1209	Nuclear run-on analysis of var gene expression in <i>Plasmodium falciparum</i> . <b>2007</b> , 153, 207-12	22
1208	An approach to classifying sequence tags sampled from <i>Plasmodium falciparum</i> var genes. <b>2007</b> , 154, 98-102	47
1207	<i>Plasmodium falciparum</i> biosynthesizes sulfoglycosphingolipids. <b>2007</b> , 154, 22-9	14

1206	Pharmacogenomic analyses of targeting the AT-rich malaria parasite genome with AT-specific alkylating drugs. <b>2007</b> , 154, 70-81	19
1205	Genome wide gene amplifications and deletions in <i>Plasmodium falciparum</i> . <b>2007</b> , 155, 33-44	66
1204	Transcription and alternative splicing in the yir multigene family of the malaria parasite <i>Plasmodium y. yoelii</i> : identification of motifs suggesting epigenetic and post-transcriptional control of RNA expression. <b>2007</b> , 156, 1-11	19
1203	Expression and biochemical characterization of <i>Plasmodium falciparum</i> DNA ligase I. <b>2007</b> , 155, 128-37	9
1202	Variant proteins of the <i>Plasmodium falciparum</i> RIFIN family show distinct subcellular localization and developmental expression patterns. <b>2007</b> , 156, 51-61	90
1201	Multiple antibiotics exert delayed effects against the <i>Plasmodium falciparum</i> apicoplast. <b>2007</b> , 51, 3485-90	214
1200	Microscale solution isoelectric focusing as an effective strategy enabling containment of hemeoglobin-derived products for high-resolution gel-based analysis of the <i>Plasmodium falciparum</i> proteome. <b>2007</b> , 6, 3780-7	17
1199	Reconstructing the evolution of the endocytic system: insights from genomics and molecular cell biology. <b>2007</b> , 607, 84-96	84
1198	Plant database resources at The Institute for Genomic Research. <b>2007</b> , 406, 113-36	6
1197	Retrotransposons and tandem repeat sequences in the nuclear genomes of cryptomonad algae. <b>2007</b> , 64, 223-36	11
1196	Phylogeny and evolution of the SERA multigene family in the genus <i>Plasmodium</i> . <b>2007</b> , 65, 82-91	30
1195	Plastid isoprenoid metabolism in the oyster parasite <i>Perkinsus marinus</i> connects dinoflagellates and malaria pathogens--new impetus for studying alveolates. <b>2007</b> , 65, 725-9	22
1194	Molecular tools for analysis of gene function in parasitic microorganisms. <b>2007</b> , 75, 963-75	26
1193	Hitting malaria before it hurts: attenuated <i>Plasmodium</i> liver stages. <b>2007</b> , 64, 3007-11	13
1192	Inferring the skeleton cell cycle regulatory network of malaria parasite using comparative genomic and variational Bayesian approaches. <b>2008</b> , 132, 131-42	7
1191	The science commons in health research: structure, function, and value. <b>2007</b> , 32, 133-156	27
1190	Complete nucleotide sequences of the mitochondrial genomes of two avian malaria protozoa, <i>Plasmodium gallinaceum</i> and <i>Plasmodium juxtanculare</i> . <b>2007</b> , 100, 661-4	19
1189	Bayesian analysis of new and old malaria parasite DNA sequence data demonstrates the need for more phylogenetic signal to clarify the descent of <i>Plasmodium falciparum</i> . <b>2007</b> , 101, 493-503	25

1188	Evolutionary insights from suffix array-based genome sequence analysis. <b>2007</b> , 32, 871-81	5
1187	The configuration space of homologous proteins: A theoretical and practical framework to reduce the diversity of the protein sequence space after massive all-by-all sequence comparisons. <b>2007</b> , 23, 410-427	3
1186	Mitochondria in malaria and related parasites: ancient, diverse and streamlined. <b>2008</b> , 40, 425-33	44
1185	Drug resistance and genetic mapping in Plasmodium falciparum. <b>2008</b> , 54, 223-39	51
1184	Analysis of Carica papaya Telomeres and Telomere-Associated Proteins: Insights into the Evolution of Telomere Maintenance in Brassicales. <b>2008</b> , 1, 202-215	16
1183	Genome-wide analysis of intronless genes in rice and Arabidopsis. <b>2008</b> , 8, 69-78	74
1182	Overproduction, purification and crystallization of a chondroitin sulfate A-binding DBL domain from a Plasmodium falciparum var2csa-encoded PfEMP1 protein. <b>2008</b> , 64, 221-3	12
1181	Proteomic analysis of zygote and ookinete stages of the avian malaria parasite Plasmodium gallinaceum delineates the homologous proteomes of the lethal human malaria parasite Plasmodium falciparum. <b>2008</b> , 8, 2492-9	32
1180	Determining the protein repertoire of Cryptosporidium parvum sporozoites. <b>2008</b> , 8, 1398-414	66
1179	Profiling humoral immune responses to P. falciparum infection with protein microarrays. <b>2008</b> , 8, 4680-94	213
1178	MAAP: malarial adhesins and adhesin-like proteins predictor. <b>2008</b> , 70, 659-66	31
1177	Predicting functional residues in Plasmodium falciparum plasmepsins by combining sequence and structural analysis with molecular dynamics simulations. <b>2008</b> , 73, 440-57	18
1176	Crystal structure of a chimera of human and Plasmodium falciparum hypoxanthine guanine phosphoribosyltransferases provides insights into oligomerization. <b>2008</b> , 73, 1010-20	3
1175	Plasmodium telomeric sequences: structure, stability and quadruplex targeting by small compounds. <b>2008</b> , 9, 2730-9	47
1174	Monitoring Plasmodium falciparum growth and development by UV flow cytometry using an optimized Hoechst-thiazole orange staining strategy. <b>2008</b> , 73, 546-54	50
1173	Killer applications: toward affordable rapid cell-based diagnostics for malaria and tuberculosis. <b>2008</b> , 74 Suppl 1, S152-64	15
1172	Carbonic anhydrase inhibitors: inhibition of Plasmodium falciparum carbonic anhydrase with aromatic/heterocyclic sulfonamides-in vitro and in vivo studies. <b>2008</b> , 18, 5466-71	61
1171	Triazolopyrimidine-based dihydroorotate dehydrogenase inhibitors with potent and selective activity against the malaria parasite Plasmodium falciparum. <b>2008</b> , 51, 3649-53	162

1170	Pulsed field gel electrophoresis: Theory, instruments and application. <b>2008</b> , 2, 557-565	13
1169	The genome of the simian and human malaria parasite <i>Plasmodium knowlesi</i> . <i>Nature</i> , <b>2008</b> , 455, 799-803	50.4 289
1168	Comparative genomics of the neglected human malaria parasite <i>Plasmodium vivax</i> . <i>Nature</i> , <b>2008</b> , 455, 757-63	50.4 633
1167	Malaria research in the post-genomic era. <i>Nature</i> , <b>2008</b> , 455, 751-6	50.4 110
1166	A global network for investigating the genomic epidemiology of malaria. <i>Nature</i> , <b>2008</b> , 456, 732-7	50.4 123
1165	Crystal structure of the aquaglyceroporin PfAQP from the malarial parasite <i>Plasmodium falciparum</i> . <b>2008</b> , 15, 619-25	122
1164	How does <i>Plasmodium falciparum</i> stick to CSA? Let's see in the crystal. <b>2008</b> , 15, 895-7	5
1163	Post-genomic challenges for collaborative research in infectious diseases. <b>2008</b> , 6, 858-64	8
1162	Sorting out the mix in microbial genomics. <b>2008</b> , 10, 3187-92	4
1161	Transcriptional control and gene silencing in <i>Plasmodium falciparum</i> . <b>2008</b> , 10, 1935-46	30
1160	An atypical orthologue of 6-pyruvoyltetrahydropterin synthase can provide the missing link in the folate biosynthesis pathway of malaria parasites. <b>2008</b> , 67, 609-18	36
1159	<i>Plasmodium falciparum</i> antigenic variation. Mapping mosaic var gene sequences onto a network of shared, highly polymorphic sequence blocks. <b>2008</b> , 68, 1519-34	78
1158	Targeted deletion of SAP1 abolishes the expression of infectivity factors necessary for successful malaria parasite liver infection. <b>2008</b> , 69, 152-63	84
1157	Reverse genetics screen identifies six proteins important for malaria development in the mosquito. <b>2008</b> , 70, 209-20	95
1156	What can transgenic parasites tell us about the development of <i>Plasmodium</i> -specific immune responses?. <b>2008</b> , 30, 223-33	10
1155	Grid-added value to address malaria. <b>2008</b> , 12, 173-81	5
1154	Identification of proteins secreted by malaria parasite into erythrocyte using SVM and PSSM profiles. <b>2008</b> , 9, 201	29
1153	A novel series of compositionally biased substitution matrices for comparing <i>Plasmodium</i> proteins. <b>2008</b> , 9, 236	14



1152	PlasmoDraft: a database of Plasmodium falciparum gene function predictions based on postgenomic data. <b>2008</b> , 9, 440	18
1151	Consistent and contrasting properties of lineage-specific genes in the apicomplexan parasites Plasmodium and Theileria. <b>2008</b> , 8, 108	39
1150	Selection shapes malaria genomes and drives divergence between pathogens infecting hominids versus rodents. <b>2008</b> , 8, 223	5
1149	Sub-grouping and sub-functionalization of the RIFIN multi-copy protein family. <b>2008</b> , 9, 19	66
1148	Detection of genome-wide polymorphisms in the AT-rich Plasmodium falciparum genome using a high-density microarray. <b>2008</b> , 9, 398	51
1147	The protein-phosphatome of the human malaria parasite Plasmodium falciparum. <b>2008</b> , 9, 412	52
1146	Refined annotation and assembly of the Tetrahymena thermophila genome sequence through EST analysis, comparative genomic hybridization, and targeted gap closure. <b>2008</b> , 9, 562	72
1145	Properties of non-coding DNA and identification of putative cis-regulatory elements in Theileria parva. <b>2008</b> , 9, 582	10
1144	In silico discovery of transcription regulatory elements in Plasmodium falciparum. <b>2008</b> , 9, 70	88
1143	Plasmodium falciparum: effect of radiation on levels of gene transcripts in sporozoites. <b>2008</b> , 118, 247-52	10
1142	Brugia malayi: whole genome amplification for genomic characterization of filarial parasites. <b>2008</b> , 119, 256-63	5
1141	The polypeptides COX2A and COX2B are essential components of the mitochondrial cytochrome c oxidase of Toxoplasma gondii. <b>2008</b> , 1777, 202-10	7
1140	Immunogenicity of Plasmodium yoelii merozoite surface protein 4/5 produced in transgenic plants. <b>2008</b> , 38, 103-10	40
1139	Comparative genomics of transcription factors and chromatin proteins in parasitic protists and other eukaryotes. <b>2008</b> , 38, 1-31	206
1138	PfCCp proteins of Plasmodium falciparum: gametocyte-specific expression and role in complement-mediated inhibition of exflagellation. <b>2008</b> , 38, 327-40	62
1137	Tudor domain proteins in protozoan parasites and characterization of Plasmodium falciparum tudor staphylococcal nuclease. <b>2008</b> , 38, 513-26	21
1136	Vaccination with a Plasmodium chabaudi adami multivalent DNA vaccine cross-protects A/J mice against challenge with P. c. adami DK and virulent Plasmodium chabaudi chabaudi AS parasites. <b>2008</b> , 38, 819-27	5
1135	Frequent recombination events generate diversity within the multi-copy variant antigen gene families of Plasmodium falciparum. <b>2008</b> , 38, 1099-109	50

1134	Protozoan protein tyrosine phosphatases. <b>2008</b> , 38, 1279-95	39
1133	Phage display: a useful tool for malaria research?. <b>2008</b> , 24, 18-23	16
1132	The validity of mitochondrial dehydrogenases as antimalarial drug targets. <b>2008</b> , 24, 8-9	24
1131	Fighting neglected tropical diseases in the postgenomic era. <b>2008</b> , 24, 156-7; author reply 157-8	3
1130	Plasmodium falciparum shows transcriptional versatility within the human host. <b>2008</b> , 24, 288-91	5
1129	Malaria vaccines: immunity, models and monoclonal antibodies. <b>2008</b> , 24, 392-5	5
1128	Apicomplexan mitochondrial metabolism: a story of gains, losses and retentions. <b>2008</b> , 24, 468-78	96
1127	Mutually exclusive var gene expression in the malaria parasite: multiple layers of regulation. <b>2008</b> , 24, 455-61	25
1126	Plasmodium falciparum: a paradigm for alternative folate biosynthesis in diverse microorganisms?. <b>2008</b> , 24, 502-8	17
1125	Plasmodium gene regulation: far more to factor in. <b>2008</b> , 24, 551-6	22
1124	Comparative evolutionary genomics of human malaria parasites. <b>2008</b> , 24, 545-50	47
1123	Molecular approaches to field studies of malaria. <b>2008</b> , 24, 585-9	1
1122	Expression and biochemical characterization of the Plasmodium falciparum DNA repair enzyme, flap endonuclease-1 (PffEN-1). <b>2008</b> , 157, 1-12	8
1121	Filling the gap of intracellular dephosphorylation in the Plasmodium falciparum vitamin B1 biosynthesis. <b>2008</b> , 157, 241-3	15
1120	Transcriptionally active PCR for antigen identification and vaccine development: in vitro genome-wide screening and in vivo immunogenicity. <b>2008</b> , 158, 32-45	13
1119	Effect of protease inhibitors on exflagellation in Plasmodium falciparum. <b>2008</b> , 158, 208-12	23
1118	Molecular cloning and characterization of Plasmodium falciparum transketolase. <b>2008</b> , 160, 32-41	21
1117	Genetic evidence for the essential role of PfNT1 in the transport and utilization of xanthine, guanine, guanosine and adenine by Plasmodium falciparum. <b>2008</b> , 161, 130-9	35

1116	5' sequence- and chromatin modification-dependent gene expression in Plasmodium falciparum erythrocytic stage. <b>2008</b> , 162, 40-51	9
1115	Characterization of Plasmodium falciparum protein kinase 2. <b>2008</b> , 162, 87-95	16
1114	Plasmodium in the postgenomic era: new insights into the molecular cell biology of malaria parasites. <b>2008</b> , 266, 85-156	55
1113	Alkaloids with antiprotozoal activity. <b>2008</b> , 66, 113-90	16
1112	High mobility group box (HMGB) proteins of Plasmodium falciparum: DNA binding proteins with pro-inflammatory activity. <b>2008</b> , 57, 150-7	27
1111	Evolutionary patterning: a novel approach to the identification of potential drug target sites in Plasmodium falciparum. <b>2008</b> , 3, e3685	9
1110	Characterization of Plasmodium falciparum integral membrane protein Pf25-IMP and identification of its red blood cell binding sequences inhibiting merozoite invasion in vitro. <b>2008</b> , 17, 1494-504	15
1109	Programmed Cell Death in Protozoa. <b>2008</b> ,	3
1108	Intrinsic disorder in pathogenic and non-pathogenic microbes: discovering and analyzing the unfoldomes of early-branching eukaryotes. <b>2008</b> , 4, 328-40	101
1107	Endophytes: exploiting biodiversity for the improvement of natural product-based drug discovery. <b>2008</b> , 3, 75-93	101
1106	Core promoters are predicted by their distinct physicochemical properties in the genome of Plasmodium falciparum. <b>2008</b> , 9, R178	23
1105	Genome-wide SNP genotyping highlights the role of natural selection in Plasmodium falciparum population divergence. <b>2008</b> , 9, R171	96
1104	A computational model of gene expression reveals early transcriptional events at the subtelomeric regions of the malaria parasite, Plasmodium falciparum. <b>2008</b> , 9, R88	8
1103	Cross-kingdom patterns of alternative splicing and splice recognition. <b>2008</b> , 9, R50	103
1102	Intimate molecular interactions of P. falciparum merozoite proteins involved in invasion of red blood cells and their implications for vaccine design. <b>2008</b> , 108, 3656-705	80
1101	Plasmodium falciparum malaria vaccines in development. <b>2008</b> , 7, 223-40	72
1100	Heterologous expression of plasmodial proteins for structural studies and functional annotation. <b>2008</b> , 7, 197	50
1099	MalVac: database of malarial vaccine candidates. <b>2008</b> , 7, 184	26

1098	SURFIN4.1, a schizont-merozoite associated protein in the SURFIN family of Plasmodium falciparum. <b>2008</b> , 7, 116	32
1097	Identification of glycosaminoglycan binding regions in the Plasmodium falciparum encoded placental sequestration ligand, VAR2CSA. <b>2008</b> , 7, 104	23
1096	A structural annotation resource for the selection of putative target proteins in the malaria parasite. <b>2008</b> , 7, 90	1
1095	A regulatable transgene expression system for cultured Plasmodium falciparum parasites. <b>2008</b> , 7, 86	38
1094	Evaluation of FRET real-time PCR assay for rapid detection and differentiation of Plasmodium species in returning travellers and migrants. <b>2008</b> , 7, 70	35
1093	No miRNA were found in Plasmodium and the ones identified in erythrocytes could not be correlated with infection. <b>2008</b> , 7, 47	56
1092	A highly conserved segmental duplication in the subtelomeres of Plasmodium falciparum chromosomes varies in copy number. <b>2008</b> , 7, 46	14
1091	The effects of a partitioned var gene repertoire of Plasmodium falciparum on antigenic diversity and the acquisition of clinical immunity. <b>2008</b> , 7, 18	8
1090	Biologie der Parasiten. <b>2008</b> ,	
1089	Active transcription is required for maintenance of epigenetic memory in the malaria parasite Plasmodium falciparum. <b>2008</b> , 382, 288-97	43
1088	Isolation and characterization of Plasmodium falciparum UAP56 homolog: evidence for the coupling of RNA binding and splicing activity by site-directed mutations. <b>2008</b> , 478, 143-53	26
1087	Exploring functional genomics for drug target and therapeutics discovery in Plasmodia. <b>2008</b> , 105, 113-23	16
1086	Malaria research, 1980-2004, and the burden of disease. <b>2008</b> , 106, 96-103	16
1085	Production, characterization and crystallization of the Plasmodium falciparum aquaporin. <b>2008</b> , 59, 69-78	20
1084	Development of pilot scale production process and characterization of a recombinant multiepitope malarial vaccine candidate FALVAC-1A expressed in Escherichia coli. <b>2008</b> , 61, 57-64	1
1083	Longitudinal analyses of immune responses to Plasmodium falciparum derived peptides corresponding to novel blood stage antigens in coastal Kenya. <b>2008</b> , 26, 1963-71	17
1082	Active immunisation with RAMA does not provide protective immunity against Plasmodium yoelii challenge despite its association with protective responses in endemic populations. <b>2008</b> , 26, 3261-7	3
1081	Saturation and base composition bias explain phylogenomic conflict in Plasmodium. <b>2008</b> , 91, 433-42	52

1080	Is chemical genetics the new frontier for malaria biology?. <b>2008</b> , 29, 51-6	11
1079	Drugging the Plasmodium kinome: the benefits of academia-industry synergy. <b>2008</b> , 29, 241-9	36
1078	Identification of peptides with high red blood cell and hepatocyte binding activity in the Plasmodium falciparum multi-stage invasion proteins: PfSPATR and MCP-1. <b>2008</b> , 90, 1750-9	6
1077	The evolution of transposon repeat-induced point mutation in the genome of Colletotrichum cereale: reconciling sex, recombination and homoplasmy in an "asexual" pathogen. <b>2008</b> , 45, 190-206	34
1076	The Plasmodium vivax Pv41 surface protein: identification and characterization. <b>2008</b> , 377, 1113-7	20
1075	Characterization of replication fork and phosphorylation stimulated Plasmodium falciparum helicase 45. <b>2008</b> , 420, 66-75	12
1074	SnapShot: var gene expression in the malaria parasite. <b>2008</b> , 134, 190	12
1073	Genome-informed contributions to malaria therapies: feeding somewhere down the (pipe)line. <b>2008</b> , 3, 280-3	3
1072	Antigenic variation in Plasmodium falciparum. <b>2008</b> , 62, 445-70	321
1071	Kinetic and biochemical characterization of Plasmodium falciparum GMP synthetase. <b>2008</b> , 409, 263-73	29
1070	Artemisinin and a series of novel endoperoxide antimalarials exert early effects on digestive vacuole morphology. <b>2008</b> , 52, 98-109	96
1069	Malaria vaccines: the case for a whole-organism approach. <b>2008</b> , 8, 441-8	19
1068	The structure of a chondroitin sulfate-binding domain important in placental malaria. <b>2008</b> , 283, 21842-6	79
1067	Comparative analysis of degradomes in unicellular malaria parasite and free-living ciliates. <b>2008</b> ,	
1066	Structure-activity relationships of C6-uridine derivatives targeting plasmodia orotidine monophosphate decarboxylase. <b>2008</b> , 51, 439-48	41
1065	Structure and inhibition of orotidine 5'-monophosphate decarboxylase from Plasmodium falciparum. <b>2008</b> , 47, 3842-54	19
1064	Wheat germ cell-free system-based production of malaria proteins for discovery of novel vaccine candidates. <b>2008</b> , 76, 1702-8	176
1063	Genome-wide discovery and verification of novel structured RNAs in Plasmodium falciparum. <b>2008</b> , 18, 281-92	72

1062	Specific DNA-binding by apicomplexan AP2 transcription factors. <b>2008</b> , 105, 8393-8	187
1061	Purine salvage pathways in the intraerythrocytic malaria parasite <i>Plasmodium falciparum</i> . <b>2008</b> , 7, 1231-7	78
1060	The C-terminal segment of the cysteine-rich interdomain of <i>Plasmodium falciparum</i> erythrocyte membrane protein 1 determines CD36 binding and elicits antibodies that inhibit adhesion of parasite-infected erythrocytes. <b>2008</b> , 76, 1837-47	13
1059	Transcriptional responses of <i>Plasmodium falciparum</i> to alpha-difluoromethylornithine-induced polyamine depletion. <b>2008</b> , 389, 111-25	14
1058	Genome bias influences amino acid choices: analysis of amino acid substitution and re-compilation of substitution matrices exclusive to an AT-biased genome. <b>2008</b> , 36, 6664-75	21
1057	Recruitment and endo-lysosomal activation of TLR9 in dendritic cells infected with <i>Trypanosoma cruzi</i> . <b>2008</b> , 181, 1333-44	54
1056	Identification of residues in the Cmu4 domain of polymeric IgM essential for interaction with <i>Plasmodium falciparum</i> erythrocyte membrane protein 1 (PFEMP1). <b>2008</b> , 181, 1988-2000	48
1055	Role of Ca <sup>2+</sup> /calmodulin-PfPKB signaling pathway in erythrocyte invasion by <i>Plasmodium falciparum</i> . <b>2008</b> , 283, 5589-97	76
1054	Malaria: progress, perils, and prospects for eradication. <b>2008</b> , 118, 1266-76	427
1053	Targeting the cell cycle in the pursuit of novel chemotherapies against parasitic protozoa. <b>2008</b> , 14, 917-24	11
1052	Malaria vaccines: a toy for travelers or a tool for eradication?. <b>2008</b> , 7, 597-611	29
1051	The Golgi Apparatus. <b>2008</b> ,	12
1050	Whole-genome mutational biases in bacteria. <b>2008</b> , 105, 17878-83	134
1049	A combined transcriptome and proteome survey of malaria parasite liver stages. <b>2008</b> , 105, 305-10	302
1048	Functional characterization of a redundant <i>Plasmodium</i> TRAP family invasin, TRAP-like protein, by aldolase binding and a genetic complementation test. <b>2008</b> , 7, 1062-70	47
1047	The transcriptome of <i>Plasmodium vivax</i> reveals divergence and diversity of transcriptional regulation in malaria parasites. <b>2008</b> , 105, 16290-5	197
1046	Evolution of malaria parasite plastid targeting sequences. <b>2008</b> , 105, 4781-5	45
1045	Mitochondrial dehydrogenases in the aerobic respiratory chain of the rodent malaria parasite <i>Plasmodium yoelii yoelii</i> . <b>2009</b> , 145, 229-37	22

1044	A novel GDP-dependent pyruvate kinase isozyme from <i>Toxoplasma gondii</i> localizes to both the apicoplast and the mitochondrion. <b>2008</b> , 283, 14041-52	39
1043	Histone acetyltransferase inhibitor anacardic acid causes changes in global gene expression during in vitro <i>Plasmodium falciparum</i> development. <b>2008</b> , 7, 1200-10	90
1042	Immunological dominance of <i>Trypanosoma cruzi</i> tandem repeat proteins. <b>2008</b> , 76, 3967-74	54
1041	Superinfection as a driver of genomic diversification in antigenically variant pathogens. <b>2008</b> , 105, 2123-7	73
1040	Erythrocytic adenosine monophosphate as an alternative purine source in <i>Plasmodium falciparum</i> . <b>2008</b> , 283, 32889-99	34
1039	Protein coding gene nucleotide substitution pattern in the apicomplexan protozoa <i>Cryptosporidium parvum</i> and <i>Cryptosporidium hominis</i> . <b>2008</b> , 879023	11
1038	Macaque models of human infectious disease. <b>2008</b> , 49, 220-55	136
1037	Adaptive discriminant analysis for microarray-based classification. <b>2008</b> , 2, 1-20	1
1036	A sporozoite asparagine-rich protein controls initiation of <i>Plasmodium</i> liver stage development. <b>2008</b> , 4, e1000086	96
1035	A genetically hard-wired metabolic transcriptome in <i>Plasmodium falciparum</i> fails to mount protective responses to lethal antifolates. <b>2008</b> , 4, e1000214	76
1034	The cysteine-rich interdomain region from the highly variable <i>Plasmodium falciparum</i> erythrocyte membrane protein-1 exhibits a conserved structure. <b>2008</b> , 4, e1000147	43
1033	Potent antimalarial and transmission-blocking activities of centanamycin, a novel DNA-binding agent. <b>2008</b> , 197, 527-34	25
1032	An erythrocyte vesicle protein exported by the malaria parasite promotes tubovesicular lipid import from the host cell surface. <b>2008</b> , 4, e1000118	45
1031	Discovering regulatory motifs in the <i>Plasmodium</i> genome using comparative genomics. <b>2008</b> , 24, 1843-9	31
1030	Regulatory hotspots in the malaria parasite genome dictate transcriptional variation. <b>2008</b> , 6, e238	58
1029	Host cell egress and invasion induce marked relocations of glycolytic enzymes in <i>Toxoplasma gondii</i> tachyzoites. <b>2008</b> , 4, e1000188	75
1028	Structural insight into epitopes in the pregnancy-associated malaria protein VAR2CSA. <b>2008</b> , 4, e42	67
1027	HDP-a novel heme detoxification protein from the malaria parasite. <b>2008</b> , 4, e1000053	116

1026	Plasmodium falciparum possesses two GRASP proteins that are differentially targeted to the Golgi complex via a higher- and lower-eukaryote-like mechanism. <b>2008</b> , 121, 2123-9	30
1025	Unique properties of Plasmodium falciparum porphobilinogen deaminase. <b>2008</b> , 283, 437-444	30
1024	An in vivo and in vitro model of Plasmodium falciparum rosetting and autoagglutination mediated by varO, a group A var gene encoding a frequent serotype. <b>2008</b> , 76, 5565-80	48
1023	Plasmodium falciparum STEVOR proteins are highly expressed in patient isolates and located in the surface membranes of infected red blood cells and the apical tips of merozoites. <b>2008</b> , 76, 3329-36	56
1022	Spliceosomal snRNAs in the unicellular eukaryote Trichomonas vaginalis are structurally conserved but lack a 5'-cap structure. <b>2008</b> , 14, 1617-31	26
1021	An extremely diverse CD4 response to vaccinia virus in humans is revealed by proteome-wide T-cell profiling. <b>2008</b> , 82, 7120-34	48
1020	Chemical attenuation of Plasmodium berghei sporozoites induces sterile immunity in mice. <b>2008</b> , 76, 1193-9	44
1019	Possible effects of microbial ecto-nucleoside triphosphate diphosphohydrolases on host-pathogen interactions. <b>2008</b> , 72, 765-81, Table of Contents	76
1018	De novo search for non-coding RNA genes in the AT-rich genome of Dictyostelium discoideum: performance of Markov-dependent genome feature scoring. <b>2008</b> , 18, 888-99	16
1017	Chromatin associated sense and antisense noncoding RNAs are transcribed from the var gene family of virulence genes of the malaria parasite Plasmodium falciparum. <b>2009</b> , 15, 116-27	91
1016	A cryptic algal group unveiled: a plastid biosynthesis pathway in the oyster parasite Perkinsus marinus. <b>2008</b> , 25, 1167-79	68
1015	Differential association of Orc1 and Sir2 proteins to telomeric domains in Plasmodium falciparum. <b>2008</b> , 121, 2046-53	62
1014	Assessment and improvement of the Plasmodium yoelii yoelii genome annotation through comparative analysis. <b>2008</b> , 24, i383-9	10
1013	References. <b>2008</b> , 325-394	
1012	The Apicomplexan whole-genome phylogeny: an analysis of incongruence among gene trees. <b>2008</b> , 25, 2689-98	93
1011	Molecular Mechanisms of Parasite Invasion. <b>2008</b> ,	3
1010	Spectral analysis of microarray gene expression time series data of Plasmodium falciparum. <b>2008</b> , 4, 337-49	7
1009	A comprehensive model of purine uptake by the malaria parasite Plasmodium falciparum: identification of four purine transport activities in intraerythrocytic parasites. <b>2008</b> , 411, 287-95	34



1008	Cellular and molecular interactions between the apicomplexan parasites Plasmodium and Theileria and their host cells. <b>2008</b> , 15, 211-8	13
1007	The alpha-carbonic anhydrase from the malaria parasite and its inhibition. <b>2008</b> , 14, 631-40	66
1006	Fatty acid synthesis in protozoan parasites: unusual pathways and novel drug targets. <b>2008</b> , 14, 901-16	24
1005	Targeting the transcriptional and translational machinery of the endosymbiotic organelle in apicomplexans. <b>2008</b> , 9, 948-56	25
1004	Utility of computational methods to identify the apoptosis machinery in unicellular eukaryotes. <b>2008</b> , 2, 101-17	4
1003	Brazilian genome sequencing projects: state of the art. <b>2008</b> , 2, 111-32	3
1002	Protective immunity against malaria liver stage after vaccination with live parasites. <b>2008</b> , 15, 379-83	9
1001	Vaccines. <b>2008</b> , 1353-1382	1
1000	The Plasmodium export element revisited. <b>2008</b> , 3, e1560	19
999	A murine model of falciparum-malaria by in vivo selection of competent strains in non-myelodepleted mice engrafted with human erythrocytes. <b>2008</b> , 3, e2252	113
998	Deciphering the ubiquitin-mediated pathway in apicomplexan parasites: a potential strategy to interfere with parasite virulence. <b>2008</b> , 3, e2386	66
997	Computational analysis of constraints on noncoding regions, coding regions and gene expression in relation to Plasmodium phenotypic diversity. <b>2008</b> , 3, e3122	8
996	The long march: a sample preparation technique that enhances contig length and coverage by high-throughput short-read sequencing. <b>2008</b> , 3, e3495	23
995	Vitamin B1 and B6 in the malaria parasite: requisite or dispensable?. <b>2008</b> , 41, 82-8	18
994	Malaria Parasite Carbonic Anhydrase and Its Inhibition in the Development of Novel Therapies of Malaria. 335-357	
993	Unlike the synchronous Plasmodium falciparum and P. chabaudi infection, the P. berghei and P. yoelii asynchronous infections are not affected by melatonin. <b>2009</b> , 2, 47-55	24
992	Dihydroorotase Inhibitors. 951-979	1
991	The conserved role of sirtuins in chromatin regulation. <b>2009</b> , 53, 303-22	91

990	Case-control approach to identify Plasmodium falciparum polymorphisms associated with severe malaria. <b>2009</b> , 4, e5454	2
989	A comparative proteomic analysis of the simple amino acid repeat distributions in Plasmodia reveals lineage specific amino acid selection. <b>2009</b> , 4, e6231	13
988	Differential, positional-dependent transcriptional response of antigenic variation (var) genes to biological stress in Plasmodium falciparum. <b>2009</b> , 4, e6991	14
987	Absence of erythrocyte sequestration and lack of multicopy gene family expression in Plasmodium falciparum from a splenectomized malaria patient. <b>2009</b> , 4, e7459	65
986	Oxidative Phosphorylation: Building Blocks and Related Components. <b>2009</b> , 469-502	7
985	Role of membrane transporters in the safety profile of drugs. <b>2009</b> , 5, 1369-83	16
984	Multiple displacement amplification for malaria parasite DNA. <b>2009</b> , 95, 253-5	12
983	Impaired fitness of drug-resistant malaria parasites: evidence and implication on drug-deployment policies. <b>2009</b> , 7, 581-93	46
982	Co-inhibition of Plasmodium falciparum S-adenosylmethionine decarboxylase/ornithine decarboxylase reveals perturbation-specific compensatory mechanisms by transcriptome, proteome, and metabolome analyses. <b>2009</b> , 284, 4635-46	60
981	Genome Evolution in Malaria Parasites: I. Core Genome Components. <b>2009</b> ,	
980	Putative Cell Cycle Related Genes in Plasmodium Falciparum. <b>2009</b> ,	
979	Analysis of Plasmodium falciparum var genes expressed in children from Papua New Guinea. <b>2009</b> , 200, 347-56	49
978	Novel putative glycosylphosphatidylinositol-anchored micronemal antigen of Plasmodium falciparum that binds to erythrocytes. <b>2009</b> , 8, 1869-79	26
977	Stepwise acquisition of pyrimethamine resistance in the malaria parasite. <b>2009</b> , 106, 12025-30	197
976	Ab initio construction of a eukaryotic transcriptome by massively parallel mRNA sequencing. <b>2009</b> , 106, 3264-9	172
975	metaTIGER: a metabolic evolution resource. <b>2009</b> , 37, D531-8	29
974	Protozoan parasite aquaporins. <b>2009</b> , 6, 199-211	12
973	Wheat germ cell-free technology for accelerating the malaria vaccine research. <b>2009</b> , 4, 1191-9	6

972	Association genetics reveals three novel avirulence genes from the rice blast fungal pathogen <i>Magnaporthe oryzae</i> . <b>2009</b> , 21, 1573-91	302
971	Gene encoding erythrocyte binding ligand linked to blood stage multiplication rate phenotype in <i>Plasmodium yoelii yoelii</i> . <b>2009</b> , 106, 7161-6	35
970	Disruption of a <i>Plasmodium falciparum</i> multidrug resistance-associated protein (PfMRP) alters its fitness and transport of antimalarial drugs and glutathione. <b>2009</b> , 284, 7687-96	111
969	Malaria control, elimination, and eradication: the role of the evolving biomedical research agenda. <b>2009</b> , 200, 1639-43	22
968	Molecular genetics and comparative genomics reveal RNAi is not functional in malaria parasites. <b>2009</b> , 37, 3788-98	148
967	Graph theoretical approach to study eQTL: a case study of <i>Plasmodium falciparum</i> . <b>2009</b> , 25, i15-20	13
966	Induction of adhesion-inhibitory antibodies against placental <i>Plasmodium falciparum</i> parasites by using single domains of VAR2CSA. <b>2009</b> , 77, 2482-7	84
965	6-pyruvoyltetrahydropterin synthase paralogs replace the folate synthesis enzyme dihydroneopterin aldolase in diverse bacteria. <b>2009</b> , 191, 4158-65	20
964	Dynamic histone H3 epigenome marking during the intraerythrocytic cycle of <i>Plasmodium falciparum</i> . <b>2009</b> , 106, 9655-60	162
963	Isolation and expression of UB05, a <i>Plasmodium falciparum</i> antigen recognised by antibodies from semi-immune adults in a high transmission endemic area of the Cameroonian rainforest. <b>2009</b> , 47, 1147-58	9
962	Sequential, ordered acquisition of antibodies to <i>Plasmodium falciparum</i> erythrocyte membrane protein 1 domains. <b>2009</b> , 183, 3356-63	94
961	Understanding protective immune mechanisms induced by malaria vaccines in the context of clinical trials. <b>2009</b> , 5, 562-5	3
960	Antimalarial drug development: past to present scenario. <b>2009</b> , 9, 1447-69	7
959	Application of pharmacogenomics to malaria: a holistic approach for successful chemotherapy. <b>2009</b> , 10, 435-49	18
958	Genomic survey of the non-cultivable opportunistic human pathogen, <i>Enterocytozoon bieneusi</i> . <b>2009</b> , 5, e1000261	105
957	The <i>Plasmodium falciparum</i> STEVOR multigene family mediates antigenic variation of the infected erythrocyte. <b>2009</b> , 5, e1000307	86
956	<i>Plasmodium falciparum</i> heterochromatin protein 1 marks genomic loci linked to phenotypic variation of exported virulence factors. <b>2009</b> , 5, e1000569	192
955	An upstream open reading frame controls translation of <i>var2csa</i> , a gene implicated in placental malaria. <b>2009</b> , 5, e1000256	59

954	Sir2 paralogues cooperate to regulate virulence genes and antigenic variation in <i>Plasmodium falciparum</i> . <b>2009</b> , 7, e84	181
953	Gene regulation in the intraerythrocytic cycle of <i>Plasmodium falciparum</i> . <b>2009</b> , 25, 1484-91	14
952	Marine antimalarials. <b>2009</b> , 7, 130-52	80
951	<i>Plasmodium</i> . <b>2009</b> ,	5
950	Comparative transcriptional and genomic analysis of <i>Plasmodium falciparum</i> field isolates. <b>2009</b> , 5, e1000644	64
949	Advancing drug innovation for neglected diseases-criteria for lead progression. <b>2009</b> , 3, e440	128
948	Full-Malaria/Parasites and Full-Arthropods: databases of full-length cDNAs of parasites and arthropods, update 2009. <b>2009</b> , 37, D520-5	15
947	Can an infectious disease genomics project predict and prevent the next pandemic?. <b>2009</b> , 7, e1000219	5
946	A new malaria agent in African hominids. <b>2009</b> , 5, e1000446	115
945	Patterns of gene-specific and total transcriptional activity during the <i>Plasmodium falciparum</i> intraerythrocytic developmental cycle. <b>2009</b> , 8, 327-38	41
944	Going, going, not quite gone: nucleomorphs as a case study in nuclear genome reduction. <b>2009</b> , 100, 582-90	34
943	Plasmodial aspartyl-tRNA synthetases and peculiarities in <i>Plasmodium falciparum</i> . <b>2009</b> , 284, 18893-903	27
942	Intelligently deciphering unintelligible designs: algorithmic algebraic model checking in systems biology. <b>2009</b> , 6, 575-97	8
941	Inferring malaria parasite population structure from serological networks. <b>2009</b> , 276, 477-85	20
940	Efficient gene replacements in <i>Toxoplasma gondii</i> strains deficient for nonhomologous end joining. <b>2009</b> , 8, 520-9	202
939	The origins of apicomplexan sequence innovation. <b>2009</b> , 19, 1202-13	53
938	Genomic organization and expression profile of the mucin-associated surface protein (masp) family of the human pathogen <i>Trypanosoma cruzi</i> . <b>2009</b> , 37, 3407-17	89
937	Advances and challenges in malaria vaccine development. <b>2009</b> , 11, e39	17

936	Vaccine potentials of an intrinsically unstructured fragment derived from the blood stage-associated Plasmodium falciparum protein PFF0165c. <b>2009</b> , 77, 5701-9	41
935	Approaches to malaria vaccine development using the retrospectroscope. <b>2009</b> , 77, 3130-40	6
934	Functional analysis of protein kinase CK2 of the human malaria parasite Plasmodium falciparum. <b>2009</b> , 8, 388-97	35
933	Selection of yeast strains with enhanced expression of Plasmodium falciparum proteins. <b>2009</b> , 163, 119-22	17
932	Control of gene expression in Plasmodium falciparum - ten years on. <b>2009</b> , 164, 9-25	76
931	An overview of the Babesia, Plasmodium and Theileria genomes: a comparative perspective. <b>2009</b> , 164, 1-8	41
930	Molecular machinery of signal transduction and cell cycle regulation in Plasmodium. <b>2009</b> , 165, 1-7	40
929	The role of ATP-binding cassette (ABC) proteins in protozoan parasites. <b>2009</b> , 167, 81-94	72
928	Post-translational modifications in Plasmodium: more than you think!. <b>2009</b> , 168, 123-34	38
927	Caveat emptor: limitations of the automated reconstruction of metabolic pathways in Plasmodium. <b>2009</b> , 25, 37-43	38
926	Plasmodium vivax and the importance of the subtelomeric multigene vir superfamily. <b>2009</b> , 25, 44-51	48
925	Anion channels in Plasmodium-falciparum-infected erythrocytes and protein kinase A. <b>2009</b> , 25, 139-44	32
924	The pathophysiology of vivax malaria. <b>2009</b> , 25, 220-7	295
923	Vaccinating with the genome: a Sisyphean task?. <b>2009</b> , 25, 205-12	24
922	Redefining the role of de novo fatty acid synthesis in Plasmodium parasites. <b>2009</b> , 25, 545-50	51
921	Identification of putative regulatory motifs in the upstream regions of co-expressed functional groups of genes in Plasmodium falciparum. <b>2009</b> , 10, 18	17
920	A Plasmodium falciparum FcB1-schizont-EST collection providing clues to schizont specific gene structure and polymorphism. <b>2009</b> , 10, 235	5
919	Inconsistencies of genome annotations in apicomplexan parasites revealed by 5'-end-one-pass and full-length sequences of oligo-capped cDNAs. <b>2009</b> , 10, 312	26

918	Putative DNA G-quadruplex formation within the promoters of <i>Plasmodium falciparum</i> var genes. <b>2009</b> , 10, 362	48
917	Revisiting the <i>Plasmodium falciparum</i> RIFIN family: from comparative genomics to 3D-model prediction. <b>2009</b> , 10, 445	17
916	Analysis of small nucleolar RNAs reveals unique genetic features in malaria parasites. <b>2009</b> , 10, 68	10
915	The puzzle of plastid evolution. <b>2009</b> , 19, R81-8	338
914	<i>Plasmodium falciparum</i> : Preinitiation complex occupancy of active and inactive promoters during erythrocytic stage. <b>2009</b> , 121, 46-54	23
913	<i>Toxoplasma gondii</i> : Identification and characterization of bradyzoite-specific deoxyribose phosphate aldolase-like gene (TgDPA). <b>2009</b> , 121, 55-63	23
912	<i>Babesia bovis</i> : a comprehensive phylogenetic analysis of plastid-encoded genes supports green algal origin of apicoplasts. <b>2009</b> , 123, 236-43	29
911	The novel heme oxygenase-like protein from <i>Plasmodium falciparum</i> converts heme to bilirubin IX $\alpha$ in the apicoplast. <b>2009</b> , 583, 313-9	24
910	Reticulocyte-binding protein homologue 5 - an essential adhesin involved in invasion of human erythrocytes by <i>Plasmodium falciparum</i> . <b>2009</b> , 39, 371-80	180
909	Localisation of <i>Plasmodium falciparum</i> uroporphyrinogen III decarboxylase of the heme-biosynthetic pathway in the apicoplast and characterisation of its catalytic properties. <b>2009</b> , 39, 559-68	38
908	Preferential transcription of conserved rif genes in two phenotypically distinct <i>Plasmodium falciparum</i> parasite lines. <b>2009</b> , 39, 655-64	27
907	A var gene promoter implicated in severe malaria nucleates silencing and is regulated by 3' untranslated region and intronic cis-elements. <b>2009</b> , 39, 1425-39	12
906	Structure-function relationships in telomerase genes. <b>2009</b> , 101, 375-92, 1 p following 392	41
905	Functional studies of an evolutionarily conserved, cytochrome b5 domain protein reveal a specific role in axonemal organisation and the general phenomenon of post-division axonemal growth in trypanosomes. <b>2009</b> , 66, 24-35	25
904	Disease-specific biomarker discovery by aptamers. <b>2009</b> , 75, 727-33	56
903	Targeting the Lipid Metabolic Pathways for the Treatment of Malaria. <b>2010</b> , 71, 44-55	70
902	Recognition of biomarkers and cell-specific molecular signatures: aptamers as capture agents. <b>2009</b> , 32, 1523-30	38
901	Dinoflagellate mitochondrial genomes: stretching the rules of molecular biology. <b>2009</b> , 31, 237-45	93

900	Proteins of the Plasmodium falciparum two transmembrane Maurer's cleft protein family, PfMC-2TM, and the 130 kDa Maurer's cleft protein define different domains of the infected erythrocyte intramembranous network. <b>2009</b> , 104, 875-91	17
899	Expression and biochemical characterization of the Plasmodium falciparum protein kinase A catalytic subunit. <b>2009</b> , 104, 1299-305	4
898	Plasmodium falciparum and Plasmodium vivax: so similar, yet very different. <b>2009</b> , 105, 1169-71	13
897	Seventy-five years of Resochin in the fight against malaria. <b>2009</b> , 105, 609-27	86
896	Phenotypic and transcriptomic analyses of Plasmodium falciparum protein kinase A catalytic subunit inhibition. <b>2009</b> , 105, 1691-9	12
895	Sirtuin/Sir2 phylogeny, evolutionary considerations and structural conservation. <b>2009</b> , 28, 407-15	148
894	Improved prediction of malaria degradomes by supervised learning with SVM and profile kernel. <b>2009</b> , 136, 189-209	18
893	Prediction of potential antimalarial targets of artemisinin based on protein information from whole genome of Plasmodium falciparum. <b>2009</b> , 54, 4234-4240	1
892	Genetics of antigenic variation in Plasmodium falciparum. <b>2009</b> , 55, 103-10	45
891	Systematic structural studies of iron superoxide dismutases from human parasites and a statistical coupling analysis of metal binding specificity. <b>2009</b> , 77, 26-37	31
890	A glimpse into the clinical proteome of human malaria parasites Plasmodium falciparum and Plasmodium vivax. <b>2009</b> , 3, 1314-25	40
889	The crystal structures of macrophage migration inhibitory factor from Plasmodium falciparum and Plasmodium berghei. <b>2009</b> , 18, 2578-91	29
888	Conservation of structure and activity in Plasmodium purine nucleoside phosphorylases. <b>2009</b> , 9, 42	11
887	Meta-analysis of immune epitope data for all Plasmodia: overview and applications for malarial immunobiology and vaccine-related issues. <b>2009</b> , 31, 78-97	28
886	Antigens for pre-erythrocytic malaria vaccines: building on success. <b>2009</b> , 31, 539-46	12
885	Do we still need a malaria vaccine?. <b>2009</b> , 31, 582-6	41
884	Analysis of structure and function of the giant protein Pf332 in Plasmodium falciparum. <b>2009</b> , 71, 48-65	31
883	Clonally variant gene families in Plasmodium falciparum share a common activation factor. <b>2009</b> , 73, 1171-85	47

882	Membrane transport proteins of the malaria parasite. <b>2009</b> , 74, 519-28	66
881	The global portfolio of new antimalarial medicines under development. <b>2009</b> , 85, 584-95	134
880	The future for blood-stage vaccines against malaria. <b>2009</b> , 87, 377-90	157
879	Genetic mapping of targets mediating differential chemical phenotypes in <i>Plasmodium falciparum</i> . <b>2009</b> , 5, 765-71	53
878	Amplification-free Illumina sequencing-library preparation facilitates improved mapping and assembly of (G+C)-biased genomes. <b>2009</b> , 6, 291-5	431
877	Synchronous culture of <i>Plasmodium falciparum</i> at high parasitemia levels. <b>2009</b> , 4, 1899-915	116
876	New medicines to improve control and contribute to the eradication of malaria. <b>2009</b> , 8, 879-91	246
875	<i>Plasmodium</i> genomics: latest milestone. <b>2009</b> , 7, 180-1	11
874	Evolving insights into protein trafficking to the multiple compartments of the apicomplexan plastid. <b>2009</b> , 56, 214-20	12
873	Role of the <i>Plasmodium</i> export element in trafficking parasite proteins to the infected erythrocyte. <b>2009</b> , 10, 285-99	132
872	Completing the hypusine pathway in <i>Plasmodium</i> . <b>2009</b> , 276, 5881-91	13
871	Towards a structural elucidation of the alternative oxidase in plants. <b>2009</b> , 137, 316-27	51
870	Type II fatty acid synthesis is essential only for malaria parasite late liver stage development. <b>2009</b> , 11, 506-20	288
869	DNA repair mechanisms in eukaryotes: Special focus in <i>Entamoeba histolytica</i> and related protozoan parasites. <b>2009</b> , 9, 1051-6	18
868	Immunoproteomic analysis of the second-generation merozoite proteins of <i>Eimeria tenella</i> . <b>2009</b> , 164, 173-82	30
867	Potential and limits of in silico target discovery - Case study of the search for new antimalarial chemotherapeutic targets. <b>2009</b> , 9, 359-67	9
866	Estimating novel potential drug targets of <i>Plasmodium falciparum</i> by analysing the metabolic network of knock-out strains in silico. <b>2009</b> , 9, 351-8	61
865	Elucidation of the substrate specificity, kinetic and catalytic mechanism of adenylosuccinate lyase from <i>Plasmodium falciparum</i> . <b>2009</b> , 1794, 642-54	34



864	Development of affinity columns for the removal of high-abundance proteins in cerebrospinal fluid. <b>2009</b> , 52, 159-66	28
863	The crystal structure of PFFabZ, the unique beta-hydroxyacyl-ACP dehydratase involved in fatty acid biosynthesis of <i>Plasmodium falciparum</i> . <b>2005</b> , 14, 1570-80	48
862	Global histone analysis by mass spectrometry reveals a high content of acetylated lysine residues in the malaria parasite <i>Plasmodium falciparum</i> . <b>2009</b> , 8, 3439-50	119
861	Imaging ion flux and ion homeostasis in blood stage malaria parasites. <b>2009</b> , 4, 812-25	2
860	Origin, evolution, and distribution of different groups of non-LTR retrotransposons among eukaryotes. <b>2009</b> , 45, 129	1
859	Structural and metabolic specificity of methylthioformycin for malarial adenosine deaminases. <b>2009</b> , 48, 9618-26	26
858	<i>Plasmodium falciparum</i> : organelle-specific acquisition of lipoic acid. <b>2009</b> , 41, 748-52	26
857	Genome-wide analysis of heterochromatin associates clonally variant gene regulation with perinuclear repressive centers in malaria parasites. <b>2009</b> , 5, 179-90	257
856	Host-parasite interactions revealed by <i>Plasmodium falciparum</i> metabolomics. <b>2009</b> , 5, 191-9	221
855	Kinetic benefits and thermal stability of orotate phosphoribosyltransferase and orotidine 5'-monophosphate decarboxylase enzyme complex in human malaria parasite <i>Plasmodium falciparum</i> . <b>2009</b> , 390, 337-41	8
854	Sequence diversity and evolutionary dynamics of the dimorphic antigen merozoite surface protein-6 and other Msp genes of <i>Plasmodium falciparum</i> . <b>2009</b> , 443, 12-21	9
853	Identification of conserved erythrocyte binding regions in members of the <i>Plasmodium falciparum</i> Cys6 lipid raft-associated protein family. <b>2009</b> , 27, 3953-62	24
852	Optimizing comparative genomic hybridization probes for genotyping and SNP detection in <i>Plasmodium falciparum</i> . <b>2009</b> , 93, 543-50	31
851	Ectopic recombination of a malaria var gene during mitosis associated with an altered var switch rate. <b>2009</b> , 389, 453-69	36
850	Structural comparison of two CSPG-binding DBL domains from the VAR2CSA protein important in malaria during pregnancy. <b>2009</b> , 393, 202-13	53
849	Identification of mitochondrial Complex II subunits SDH3 and SDH4 and ATP synthase subunits a and b in <i>Plasmodium</i> spp. <b>2009</b> , 9, 443-53	28
848	Targeting histone deacetylase inhibitors for anti-malarial therapy. <b>2009</b> , 9, 292-308	70
847	Repeated secondary loss of adaptin complex genes in the Apicomplexa. <b>2009</b> , 58, 86-94	38

846	A small-scale systematic analysis of alternative splicing in <i>Plasmodium falciparum</i> . <b>2009</b> , 58, 196-9	27
845	Characterization of <i>Plasmodium falciparum</i> calcium-dependent protein kinase 4. <b>2009</b> , 58, 394-400	17
844	Structure-activity relationship and comparative docking studies for cycloguanil analogs as PfDHFR-TS inhibitors. <b>2009</b> , 49, 1787-96	20
843	Genome Mapping and Genomics in Animal-Associated Microbes. <b>2009</b> ,	4
842	Malaria parasite development in the mosquito and infection of the mammalian host. <b>2009</b> , 63, 195-221	183
841	Malaria. <b>2009</b> , 1309-1364	2
840	Malaria and Antimalarials [A Focused View. 277-298	
839	The malaria candidate vaccine liver stage antigen-3 is highly conserved in <i>Plasmodium falciparum</i> isolates from diverse geographical areas. <b>2009</b> , 8, 247	9
838	Localization of the ATP-binding cassette (ABC) transport proteins PfMRP1, PfMRP2, and PfMDR5 at the <i>Plasmodium falciparum</i> plasma membrane. <b>2009</b> , 8, 205	40
837	Redefining the expressed prototype SICAvax gene involved in <i>Plasmodium knowlesi</i> antigenic variation. <b>2009</b> , 8, 181	10
836	Discovery: an interactive resource for the rational selection and comparison of putative drug target proteins in malaria. <b>2009</b> , 8, 178	7
835	Characterization of the repertoire diversity of the <i>Plasmodium falciparum</i> stevor multigene family in laboratory and field isolates. <b>2009</b> , 8, 140	7
834	Glycerol: an unexpected major metabolite of energy metabolism by the human malaria parasite. <b>2009</b> , 8, 38	42
833	Identification of phosphorylated proteins in erythrocytes infected by the human malaria parasite <i>Plasmodium falciparum</i> . <b>2009</b> , 8, 105	39
832	The diamidine DB75 targets the nucleus of <i>Plasmodium falciparum</i> . <b>2009</b> , 8, 104	22
831	Simultaneous transcription of duplicated var2csa gene copies in individual <i>Plasmodium falciparum</i> parasites. <b>2009</b> , 10, R117	27
830	Assisted assembly: how to improve a de novo genome assembly by using related species. <b>2009</b> , 10, R88	44
829	Malaria sporozoite proteome leaves a trail. <b>2009</b> , 10, 216	2

828	Identification and functional characterization of cis-regulatory elements in the apicomplexan parasite <i>Toxoplasma gondii</i> . <b>2009</b> , 10, R34	17
827	Use of high-density tiling microarrays to identify mutations globally and elucidate mechanisms of drug resistance in <i>Plasmodium falciparum</i> . <b>2009</b> , 10, R21	114
826	<i>Plasmodium falciparum</i> : new molecular targets with potential for antimalarial drug development. <b>2009</b> , 7, 1087-98	20
825	Target Pattern Recognition in Innate Immunity. <b>2009</b> ,	8
824	<i>Plasmodium falciparum</i> var gene expression is modified by host immunity. <b>2009</b> , 106, 21801-6	111
823	Computational analysis of functionally related genes in mouse response to <i>Plasmodium chabaudi</i> . <b>2009</b> ,	
822	Chondroitin sulphate A (CSA)-binding of single recombinant Duffy-binding-like domains is not restricted to <i>Plasmodium falciparum</i> Erythrocyte Membrane Protein 1 expressed by CSA-binding parasites. <b>2009</b> , 39, 1195-204	40
821	Mitochondrial evolution and functions in malaria parasites. <b>2009</b> , 63, 249-67	167
820	Identification of a metabolically stable triazolopyrimidine-based dihydroorotate dehydrogenase inhibitor with antimalarial activity in mice. <b>2009</b> , 52, 1864-72	191
819	Genetic and epigenetic mechanisms underlying cell-surface variability in protozoa and fungi. <b>2009</b> , 43, 1-24	79
818	Retrotransposons and non-protein coding RNAs. <b>2009</b> , 8, 493-501	16
817	Endosymbiotic bacteria in insects: their diversity and culturability. <b>2009</b> , 24, 195-204	146
816	The impact of malaria parasitism: from corpuscles to communities. <b>2009</b> , 119, 2496-505	50
815	Completed Genomes. 517-565	
814	The Eukaryotic Chromosome. 638-695	
813	Análisis proteómico de <i>Plasmodium</i> , el agente causal de la malaria. <b>2009</b> , 51, s395-s402	
812	Prediction of horizontal gene transfers in eukaryotes: approaches and challenges. <b>2009</b> , 37, 792-5	14
811	Selection of targets for drug development against protozoan parasites. <b>2009</b> , 10, 193-201	20

810	Current treatment and drug discovery against Leishmania spp. and Plasmodium spp.: a review. <b>2009</b> , 10, 178-92	37
809	Leveraging cell cycle analysis in anticancer drug discovery to identify novel plasmodial drug targets. <b>2010</b> , 10, 165-90	10
808	Antibiotics in malaria therapy and their effect on the parasite apicoplast. <b>2010</b> , 10, 335-49	31
807	Red algae lose key mitochondrial genes in response to becoming parasitic. <b>2010</b> , 2, 897-910	49
806	Recent Progress in Functional Genomic Research in Plasmodium falciparum. <b>2010</b> , 11, 279-86	17
805	Bioinformatic strategies to provide functional clues to the unknown genes in Plasmodium falciparum genome. <b>2010</b> , 17, 273-83	8
804	Reconstruction and flux-balance analysis of the Plasmodium falciparum metabolic network. <b>2010</b> , 6, 408	101
803	Structural insights into chondroitin sulfate binding in pregnancy-associated malaria. <b>2010</b> , 38, 1337-41	9
802	From cradle to grave: RNA biology in malaria parasites. <b>2010</b> , 1, 287-303	25
801	In silico Discovery of Chemotherapeutic Agents. <b>2010</b> , 279-304	
800	The evolution, metabolism and functions of the apicoplast. <b>2010</b> , 365, 749-63	209
799	Spiroindolones, a potent compound class for the treatment of malaria. <b>2010</b> , 329, 1175-80	883
798	Variable numbers of tandem repeats in Plasmodium falciparum genes. <b>2010</b> , 71, 268-78	20
797	Quantitative analysis of morphological alterations in Plasmodium falciparum infected red blood cells through theoretical interpretation of spectral measurements. <b>2010</b> , 265, 493-500	20
796	Evolutionary genetic insights into Plasmodium falciparum functional genes. <b>2010</b> , 106, 349-55	5
795	Role of cis-regulatory elements on the ring-specific hrp3 promoter in the human parasite Plasmodium falciparum. <b>2010</b> , 106, 833-45	3
794	Malaria parasite genome scan: insights into antimalarial resistance. <b>2010</b> , 107, 495-9	5
793	Ins and outs of systems biology vis-à-vis molecular biology: continuation or clear cut?. <b>2010</b> , 58, 15-49	20

792	Using K-minimum increment of diversity to predict secretory proteins of malaria parasite based on groupings of amino acids. <b>2010</b> , 38, 859-67	32
791	Prediction of mitochondrial proteins of malaria parasite using split amino acid composition and PSSM profile. <b>2010</b> , 39, 101-10	47
790	Identification of cultivation condition to produce correctly folded form of a malaria vaccine based on Plasmodium falciparum merozoite surface protein-1 in Escherichia coli. <b>2010</b> , 33, 719-30	16
789	Oscillations in an intra-host model of Plasmodium Falciparum malaria due to cross-reactive immune response. <b>2010</b> , 72, 590-610	20
788	5' and 3' end modifications of spliceosomal RNAs in Plasmodium falciparum. <b>2010</b> , 37, 2125-33	7
787	Molecular cloning and characterisation of the RESA gene, a marker of genetic diversity of Plasmodium falciparum. <b>2010</b> , 37, 2893-902	2
786	Marine endoperoxides as antimalarial lead compounds. <b>2010</b> , 9, 515-524	8
785	Plasmodium falciparum. <b>2019</b> , 35, 481-482	22
784	Identifying purine nucleoside phosphorylase as the target of quinine using cellular thermal shift assay. <b>2019</b> , 11,	81
783	Plasmodium genomics: an approach for learning about and ending human malaria. <b>2019</b> , 118, 1-27	27
782	Babesia gibsoni endemic to Wuhan, China: mitochondrial genome sequencing, annotation, and comparison with apicomplexan parasites. <b>2019</b> , 118, 235-243	5
781	Alternative Type II NAD(P)H Dehydrogenases in the Mitochondria of Protists and Fungi. <b>2019</b> , 170, 21-37	6
780	Genomic Advances in Avian Malaria Research. <b>2019</b> , 35, 254-266	14
779	PRE-binding protein of Plasmodium falciparum is a potential candidate for vaccine design and development: An in silico evaluation of the hypothesis. <b>2019</b> , 125, 119-123	5
778	ATPe Dynamics in Protozoan Parasites. Adapt or Perish. <b>2018</b> , 10,	2
777	In silico identification and evaluation of potential interaction of Azadirachta indica phytochemicals with Plasmodium falciparum heat shock protein 90. <b>2019</b> , 87, 144-164	6
776	Contribution of immunomics: potential impact for serological testing and surveillance of malaria. <b>2019</b> , 16, 117-129	3
775	Nephromyces Encodes a Urate Metabolism Pathway and Predicted Peroxisomes, Demonstrating That These Are Not Ancient Losses of Apicomplexans. <b>2019</b> , 11, 41-53	5

774	The N-terminal RNA Recognition Motif of PfSR1 Confers Semi-specificity for Pyrimidines during RNA Recognition. <b>2019</b> , 431, 498-510	2
773	Diversity and Evolution of Sensor Histidine Kinases in Eukaryotes. <b>2019</b> , 11, 86-108	16
772	Functional Characterization and Comparison of Proteins as Targets of Transmission-blocking Antibodies. <b>2020</b> , 19, 155-166	11
771	The transportome of the malaria parasite. <b>2020</b> , 95, 305-332	23
770	Plasmodium vivax Malaria Viewed through the Lens of an Eradicated European Strain. <b>2020</b> , 37, 773-785	21
769	Decoding the complexities of human malaria through systems immunology. <b>2020</b> , 293, 144-162	8
768	Cerebral Plasmodium falciparum malaria: The role of PfEMP1 in its pathogenesis and immunity, and PfEMP1-based vaccines to prevent it. <b>2020</b> , 293, 230-252	45
767	Plasmodium kinase disruption: new hopes for anti-malarial drug discovery. <b>2020</b> , 188, 603-604	1
766	Deciphering host immunity to malaria using systems immunology. <b>2020</b> , 293, 115-143	6
765	Identification of Plasmodium falciparum proteoforms from liver stage models. <b>2020</b> , 19, 10	0
764	Strains used in whole organism Plasmodium falciparum vaccine trials differ in genome structure, sequence, and immunogenic potential. <b>2020</b> , 12, 6	27
763	Contribution of introns to the species diversity associated with the apicomplexan parasite, Neospora caninum. <b>2020</b> , 119, 431-445	1
762	Plasmeprin Inhibitors in Antimalarial Drug Discovery: Medicinal Chemistry and Target Validation (2000 to Present). <b>2020</b> , 63, 4445-4467	11
761	Co-transmission of Related Malaria Parasite Lineages Shapes Within-Host Parasite Diversity. <b>2020</b> , 27, 93-103.e4	23
760	Detecting sequence variants in clinically important protozoan parasites. <b>2020</b> , 50, 1-18	1
759	Towards deorphanizing G protein-coupled receptors of using the MALAR yeast two-hybrid system. <b>2020</b> , 147, 865-872	1
758	Using two phases of the CD4 T cell response to blood-stage murine malaria to understand regulation of systemic immunity and placental pathology in Plasmodium falciparum infection. <b>2020</b> , 293, 88-114	5
757	Bottom-up structural proteomics: cryoEM of protein complexes enriched from the cellular milieu. <b>2020</b> , 17, 79-85	35

756	Immunity against sexual stage Plasmodium falciparum and Plasmodium vivax parasites. <b>2020</b> , 293, 190-215	26
755	Membrane integration and topology of RIFIN and STEVOR proteins of the Plasmodium falciparum parasite. <b>2020</b> , 287, 2744-2762	3
754	Discovery of a new predominant cytosine DNA modification that is linked to gene expression in malaria parasites. <b>2020</b> , 48, 184-199	11
753	Recognition of Mitochondrial Proteins in Plasmodium Based on the Tripeptide Composition. <b>2020</b> , 8, 578901	2
752	Humanized Mice and the Rebirth of Malaria Genetic Crosses. <b>2020</b> , 36, 850-863	7
751	Detectives and helpers: Natural products as resources for chemical probes and compound libraries. <b>2020</b> , 216, 107688	4
750	Covalent inhibitors of GAPDH: From unspecific warheads to selective compounds. <b>2020</b> , 207, 112740	6
749	Substitution scoring matrices for proteins - An overview. <b>2020</b> , 29, 2150-2163	1
748	Multidose Priming and Delayed Boosting Improve Plasmodium falciparum Sporozoite Vaccine Efficacy Against Heterologous P. falciparum Controlled Human Malaria Infection. <b>2021</b> , 73, e2424-e2435	9
747	Evolution of a Record-Setting AT-Rich Genome: Indel Mutation, Recombination, and Substitution Bias. <b>2020</b> , 12, 2344-2354	6
746	Defining multiplicity of vector uptake in transfected Plasmodium parasites. <b>2020</b> , 10, 10894	3
745	Interaction Analysis of a PHISTA-like Protein and PfEMP1 Proteins. <b>2020</b> , 11, 611190	1
744	Histone modifications associated with gene expression and genome accessibility are dynamically enriched at Plasmodium falciparum regulatory sequences. <b>2020</b> , 13, 50	6
743	Molecular architecture and domain arrangement of the placental malaria protein VAR2CSA suggests a model for carbohydrate binding. <b>2020</b> , 295, 18589-18603	7
742	Diversify and Conquer: The Vaccine Escapism of. <b>2020</b> , 8,	5
741	A Single Cysteine Residue in the Translocation Pathway of the Mitosomal ADP/ATP Carrier from Confers a Broad Nucleotide Specificity. <b>2020</b> , 21,	2
740	Genome-Wide Analysis of the Malaria Parasite Isolates From Togo Reveals Selective Signals in Immune Selection-Related Antigen Genes. <b>2020</b> , 11, 552698	6
739	Host-Malaria Parasite Interactions and Impacts on Mutual Evolution. <b>2020</b> , 10, 587933	14

738	The highly diverse TATA box-binding proteins among protists: A review. <b>2020</b> , 239, 111312	0
737	Improvement of CRISPR/Cas9 system by transfecting Cas9-expressing Plasmodium berghei with linear donor template. <b>2020</b> , 3, 426	7
736	Chaperoning of asparagine repeat-containing proteins in. <b>2020</b> , 44, 687-693	2
735	STING or Sting: cGAS-STING-Mediated Immune Response to Protozoan Parasites. <b>2020</b> , 36, 773-784	4
734	Genetic Markers of Adaptation of Plasmodium falciparum to Transmission by American Vectors Identified in the Genomes of Parasites from Haiti and South America. <b>2020</b> , 5,	3
733	Plasmodium falciparum purine nucleoside phosphorylase as a model in the search for new inhibitors by high throughput screening. <b>2020</b> , 165, 1832-1841	2
732	N-Adenosine methylation on mRNA is recognized by YTH2 domain protein of human malaria parasite Plasmodium falciparum. <b>2020</b> , 13, 33	5
731	Structural Basis for Inhibitor Potency and Selectivity of Phosphatidylinositol 4-Kinase Inhibitors. <b>2020</b> , 6, 3048-3063	6
730	The Absence of C-5 DNA Methylation in Allows DNA Enrichment from Complex Samples. <b>2020</b> , 8,	4
729	Dendrimers and Dendritic Materials: From Laboratory to Medical Practice in Infectious Diseases. <b>2020</b> , 12,	21
728	Structure of the Plasmodium falciparum PfSERA5 pseudo-zymogen. <b>2020</b> , 29, 2245-2258	2
727	Ultrasensitive CRISPR-based diagnostic for field-applicable detection of species in symptomatic and asymptomatic malaria. <b>2020</b> , 117, 25722-25731	48
726	Detection of simple and complex de novo mutations with multiple reference sequences. <b>2020</b> , 30, 1154-1169	5
725	Exploring the virulence gene interactome with CRISPR/dCas9 in the human malaria parasite. <b>2020</b> , 16, e9569	16
724	Genomic Approaches to Drug Resistance in Malaria. <b>2020</b> , 74, 761-786	2
723	Prefoldin subunit 6 of Plasmodium falciparum binds merozoite surface protein-1 (MSP-1). <b>2020</b> ,	1
722	Detection of Protein Aggregation in Live Parasites. <b>2020</b> , 64,	2
721	Identification of a conserved var gene in different Plasmodium falciparum strains. <b>2020</b> , 19, 194	0



720	Development of copy number assays for detection and surveillance of piperazine resistance associated plasmepsin 2/3 copy number variation in <i>Plasmodium falciparum</i> . <b>2020</b> , 19, 181	7
719	A genetically hmgb2 attenuated blood stage <i>P. berghei</i> induces crossed-long live protection. <b>2020</b> , 15, e0232183	0
718	Apicomplexa and Histone Variants: What's New?. <b>2020</b> ,	2
717	Messenger RNAs with large numbers of upstream open reading frames are translated leaky scanning and reinitiation in the asexual stages of. <b>2020</b> , 147, 1100-1113	5
716	The use of proteomics for the identification of promising vaccine and diagnostic biomarkers in. <b>2020</b> , 147, 1255-1262	5
715	CRISPR Interference of a Clonally Variant GC-Rich Noncoding RNA Family Leads to General Repression of Genes in <i>Plasmodium falciparum</i> . <b>2020</b> , 11,	14
714	Refining the transcriptome of the human malaria parasite <i>Plasmodium falciparum</i> using amplification-free RNA-seq. <b>2020</b> , 21, 395	19
713	Current Challenges in the Identification of Pre-Erythrocytic Malaria Vaccine Candidate Antigens. <b>2020</b> , 11, 190	12
712	Epitope Mapping and Fine Specificity of Human T and B Cell Responses for Novel Candidate Blood-Stage Malaria Vaccine P27A. <b>2020</b> , 11, 412	
711	PFSWIB, a potential chromatin regulator for var gene regulation and parasite development in <i>Plasmodium falciparum</i> . <b>2020</b> , 13, 48	2
710	Aminobenzosuberone derivatives as PfA-M1 inhibitors: Molecular recognition and antiplasmodial evaluation. <b>2020</b> , 98, 103750	3
709	Single-nucleotide polymorphism characterization of gametocyte development 1 gene in isolates from Baringo, Uasin Gishu, and Nandi Counties, Kenya. <b>2020</b> , 6, e03453	1
708	Understanding the Pyrimethamine Drug Resistance Mechanism via Combined Molecular Dynamics and Dynamic Residue Network Analysis. <b>2020</b> , 25,	12
707	<i>Plasmodium falciparum</i> DDX55 is a nucleocytoplasmic protein and a 3'-5' direction-specific DNA helicase. <b>2020</b> , 257, 1049-1067	2
706	CCPRD: A Novel Analytical Framework for the Comprehensive Proteomic Reference Database Construction of NonModel Organisms. <b>2020</b> , 5, 15370-15384	5
705	Rapid activation of distinct members of multigene families in <i>Plasmodium</i> spp. <b>2020</b> , 3, 351	3
704	Genome wide distribution of G-quadruplexes and their impact on gene expression in malaria parasites. <b>2020</b> , 16, e1008917	12
703	Role of Extracellular Vesicles in Cellular Cross Talk in Malaria. <b>2020</b> , 11, 22	23

702	Periodic Parasites and Daily Host Rhythms. <b>2020</b> , 27, 176-187	16
701	Subtelomeric Transcription and its Regulation. <b>2020</b> , 432, 4199-4219	12
700	Role of PFGCN5 in nutrient sensing and transcriptional regulation in Plasmodium falciparum. <b>2020</b> , 45, 1	2
699	Proteomic Atomics Reveals a Distinctive Uracil-5-Methyltransferase. <b>2020</b> , 39, e1900135	2
698	N-Linked Surface Glycan Biosynthesis, Composition, Inhibition, and Function in Cnidarian-Dinoflagellate Symbiosis. <b>2020</b> , 80, 223-236	5
697	Building de novo reference genome assemblies of complex eukaryotic microorganisms from single nuclei. <b>2020</b> , 10, 1303	9
696	Modifications of histones in parasites as drug targets. <b>2020</b> , 278, 109029	4
695	EXP1 is required for organisation of EXP2 in the intraerythrocytic malaria parasite vacuole. <b>2020</b> , 22, e13168	18
694	Prevalence of Plasmodium falciparum field isolates with deletions in histidine-rich protein 2 and 3 genes in context with sub-Saharan Africa and India: a systematic review and meta-analysis. <b>2020</b> , 19, 46	13
693	P1' Residue-Oriented Virtual Screening for Potent and Selective Phosphinic (Dehydro) Dipeptide Inhibitors of Metallo-Aminopeptidases. <b>2020</b> , 10,	3
692	Generating high quality libraries for DIA MS with empirically corrected peptide predictions. <b>2020</b> , 11, 1548	50
691	Genetic ablation of the mitoribosome in the malaria parasite sensitizes it to antimalarials that target mitochondrial functions. <b>2020</b> , 295, 7235-7248	10
690	Annotation and characterization of Babesia gibsoni apicoplast genome. <b>2020</b> , 13, 209	
689	Glutamate dehydrogenase: a novel candidate to diagnose Plasmodium falciparum through rapid diagnostic test in blood specimen from fever patients. <b>2020</b> , 10, 6307	4
688	Biochemistry and metabolism of Toxoplasma gondii: purine and pyrimidine acquisition in Toxoplasma gondii and other Apicomplexa. <b>2020</b> , 397-449	1
687	Molecular Characterization and Immuno-Reactivity Patterns of a Novel Armadillo-Type Repeat Protein, PfATRP. <b>2020</b> , 10, 114	1
686	Interactive semi-supervised learning for microarray analysis. <b>2020</b> , 1-1	
685	Protein Modification Characteristics of the Malaria Parasite Plasmodium falciparum and the Infected Erythrocytes. <b>2020</b> , 20, 100001	6

684	Computational Intelligence in Vaccine Design Against COVID-19. <b>2021</b> , 311-329	7
683	Network Models for Malaria: Antigens, Dynamics, and Evolution Over Space and Time. <b>2021</b> , 277-294	0
682	Extrachromosomal DNA amplicons in antimalarial-resistant <i>Plasmodium falciparum</i> . <b>2021</b> , 115, 574-590	3
681	Leveraging the wheat germ cell-free protein synthesis system to accelerate malaria vaccine development. <b>2021</b> , 80, 102224	11
680	The nucleotide specificity of succinyl-CoA synthetase of <i>Plasmodium falciparum</i> is not determined by charged gatekeeper residues alone. <b>2021</b> , 11, 578-587	
679	CRISPR/Cas9-mediated genome editing of <i>Schistosoma mansoni</i> acetylcholinesterase. <b>2021</b> , 35, e21205	9
678	An insight into the recent development of the clinical candidates for the treatment of malaria and their target proteins. <b>2021</b> , 210, 112955	9
677	<i>Plasmodium falciparum</i> erythrocyte membrane protein 1 variants induce cell swelling and disrupt the blood-brain barrier in cerebral malaria. <b>2021</b> , 218,	13
676	Guanylyl Cyclase-Alpha and the Activity of Its Appended P4-ATPase Domain Are Essential for cGMP Synthesis and Blood-Stage Egress. <b>2021</b> , 12,	6
675	An integrated platform for genome engineering and gene expression perturbation in <i>Plasmodium falciparum</i> . <b>2021</b> , 11, 342	13
674	The Compact Macronuclear Genome of the Ciliate <i>Halteria grandinella</i> : A Transcriptome-Like Genome with 23,000 Nanochromosomes. <b>2021</b> , 12,	4
673	DNA topoisomerases: Advances in understanding of cellular roles and multi-protein complexes via structure-function analysis. <b>2021</b> , 43, e2000286	17
672	An SR protein is essential for the recovery of malaria parasites from DNA damage and exposure to artemisinin.	
671	Improved herbicide discovery using physico-chemical rules refined by antimalarial library screening.. <b>2021</b> , 11, 8459-8467	4
670	From Metabolite to Metabolome: Metabolomics Applications in Research. <b>2020</b> , 11, 626183	3
669	Introductory Chapter: The Importance of Heat Shock Proteins in Survival and Pathogenesis of the Malaria Parasite <i>Plasmodium falciparum</i> . <b>2021</b> , 1340, 1-9	
668	Anti-Parasite Agents and Vaccines. <b>2021</b> ,	
667	Multiple Single-Nucleotide Polymorphism Detection for Antimalarial Pyrimethamine Resistance via Allele-Specific PCR Coupled with Gold Nanoparticle-Based Lateral Flow Biosensor. <b>2021</b> , 65,	5

666	Evolutionary analyses of the major variant surface antigen-encoding genes reveal population structure of <i>Plasmodium falciparum</i> within and between continents. <b>2021</b> , 17, e1009269	5
665	Metalloaminopeptidases of the Protozoan Parasite as Targets for the Discovery of Novel Antimalarial Drugs. <b>2021</b> , 64, 1763-1785	2
664	Febrile temperature causes transcriptional downregulation of <i>Plasmodium falciparum</i> Sirtuins through Hsp90-dependent epigenetic modification. <b>2021</b> , 115, 1025-1038	2
663	Identifying and validating the presence of Guanine-Quadruplexes (G4) within the blood fluke parasite <i>Schistosoma mansoni</i> . <b>2021</b> , 15, e0008770	1
662	Telomere length dynamics in response to DNA damage in malaria parasites. <b>2021</b> , 24, 102082	1
661	Genotyping cognate <i>Plasmodium falciparum</i> in humans and mosquitoes to estimate onward transmission of asymptomatic infections. <b>2021</b> , 12, 909	11
660	The Search of a Malaria Vaccine: The Time for Modified Immuno-Potentiating Probes. <b>2021</b> , 9,	4
659	Phage Display Screening for Alba Superfamily Proteins from the Human Malaria Parasite, <i>Plasmodium falciparum</i> Reveals a High Level of Association with Protein Modification Pathways and Hints at New Drug Targets. <b>2021</b> , 66, 844-850	
658	Progress and new horizons toward a VAR2CSA-based placental malaria vaccine. <b>2021</b> , 20, 215-226	4
657	Investigation of Heterochromatin Protein 1 Function in the Malaria Parasite <i>Plasmodium falciparum</i> Using a Conditional Domain Deletion and Swapping Approach. <b>2021</b> , 6,	1
656	Enabling multiscale variation analysis with genome graphs.	
655	Full-Length Transcriptome Analysis of by Single-Molecule Long-Read Sequencing. <b>2021</b> , 11, 631545	3
654	Antimalarial Drug Resistance and Implications for the WHO Global Technical Strategy. <b>2021</b> , 8, 1-17	6
653	G-quadruplex RNA motifs influence gene expression in the malaria parasite <i>Plasmodium falciparum</i> .	0
652	Genomics of the Parasitic Nematode and Its Relatives. <b>2021</b> , 12,	5
651	Structural insights into histone chaperone Asf1 and its characterization from <i>Plasmodium falciparum</i> . <b>2021</b> , 478, 1117-1136	0
650	- Clinical Isolate Genome Sequencing to Inform Translational Same-Species Model System for Severe Malaria. <b>2021</b> , 11, 607686	1
649	Combining IP3 affinity chromatography and bioinformatics reveals a novel protein-IP3 binding site on <i>Plasmodium falciparum</i> MDR1 transporter.	1

648	Of membranes and malaria: phospholipid asymmetry in Plasmodium falciparum-infected red blood cells. <b>2021</b> , 78, 4545-4561	2
647	Targeting Gametocytes of the Malaria Parasite in a Functional Genomics Era: Next Steps. <b>2021</b> , 10,	3
646	Clinical malaria incidence following an outbreak in Ecuador was predominantly associated with Plasmodium falciparum with recombinant variant antigen gene repertoires.	1
645	Essential Genes of the Parasitic Apicomplexa. <b>2021</b> , 37, 304-316	5
644	The in vivo RNA structurome of the malaria parasite Plasmodium falciparum, a protozoan with an A/T-rich transcriptome.	
643	Whole-Killed Blood-Stage Vaccine: Is It Worthwhile to Further Develop It to Control Malaria?. <b>2021</b> , 12, 670775	0
642	Exposure to Diverse Plasmodium falciparum Genotypes Shapes the Risk of Symptomatic Malaria in Incident and Persistent Infections: A Longitudinal Molecular Epidemiologic Study in Kenya. <b>2021</b> , 73, 1176-1184	1
641	Novel insights from the Plasmodium falciparum sporozoite-specific proteome by probabilistic integration of 26 studies. <b>2021</b> , 17, e1008067	3
640	Direct Nanopore Sequencing of mRNA Reveals Landscape of Transcript Isoforms in Apicomplexan Parasites. <b>2021</b> , 6,	8
639	Gregarine single-cell transcriptomics reveals differential mitochondrial remodeling and adaptation in apicomplexans. <b>2021</b> , 19, 77	8
638	Inferring Adaptive Codon Preference to Understand Sources of Selection Shaping Codon Usage Bias. <b>2021</b> , 38, 3247-3266	4
637	Advances and opportunities in malaria population genomics. <b>2021</b> , 22, 502-517	8
636	Molecular Characterization of Secreted Proteins from Salivary Gland Immunogenic Protein of Anopheles vagus. <b>2021</b> , 747, 012055	
635	Structural analysis of the SRP Alu domain from Plasmodium falciparum reveals a non-canonical open conformation. <b>2021</b> , 4, 600	0
634	Multi-omics approaches to improve malaria therapy. <b>2021</b> , 167, 105570	4
633	A conserved Guided Entry of Tail-anchored pathway is involved in the trafficking of tail-anchored membrane proteins in Plasmodium falciparum.	0
632	Malaria in the 'Omics Era'. <b>2021</b> , 12,	1
631	Whole-genome analysis of Malawian Plasmodium falciparum isolates identifies possible targets of allele-specific immunity to clinical malaria. <b>2021</b> , 17, e1009576	2

- 630 Population-level genome-wide STR typing in Plasmodium species reveals higher resolution population structure and genetic diversity relative to SNP typing.
- 629 ARAMIS: From systematic errors of NGS long reads to accurate assemblies. **2021**, 22, 1
- 628 Peculiarities of Gene Regulation and Chromatin Structure. **2021**, 22, 2
- 627 Single-cell sequencing of the small and AT-skewed genome of malaria parasites. **2021**, 13, 75 3
- 626 The role of upstream open reading frames in translation regulation in the apicomplexan parasites and. **2021**, 148, 1277-1287 1
- 625 The RNA structurome in the asexual blood stages of malaria pathogen. **2021**, 18, 2480-2497 0
- 624 A refined genome phage display methodology delineates the human antibody response in patients with Chagas disease. **2021**, 24, 102540 2
- 623 5-methylcytosine modification by Plasmodium NSUN2 stabilizes mRNA and mediates the development of gametocytes.
- 622 Mining Public Metagenomes for Environmental Surveillance of Parasites: A Proof of Principle. **2021**, 12, 622356 1
- 621 Role of chromatin modulation in the establishment of protozoan parasite infection for developing targeted chemotherapeutics. 1 0
- 620 Plasmodium falciparum Calcium Dependent Protein Kinase 4 is critical for male gametogenesis and transmission to the mosquito vector.
- 619 The power and promise of genetic mapping from Plasmodium falciparum crosses utilizing human liver-chimeric mice. **2021**, 4, 734 2
- 618 Functional control of a 0.5 MDa TET aminopeptidase by a flexible loop revealed by MAS NMR.
- 617 The Structural, Functional and Evolutionary Impact of Transposable Elements in Eukaryotes. **2021**, 12, 7
- 616 Malaria vaccine gets a parasite boost in the liver. *Nature*, **2021**, 595, 173-174 50.4 0
- 615 Defining the Essential Exportome of the Malaria Parasite. **2021**, 37, 664-675 6
- 614 Markov chain Monte Carlo Gibbs sampler approach for estimating haplotype frequencies among multiple malaria infected human blood samples. **2021**, 20, 311
- 613 Latent Liver Stage Infection and Relapse: Biological Insights and New Experimental Tools. **2021**, 75, 87-106 4

612	Evolution of transcriptional control of antigenic variation and virulence in human and ape malaria parasites. <b>2021</b> , 21, 139	2
611	Screening and characterization of hypothetical proteins of Plasmodium falciparum as novel vaccine candidates in the fight against malaria using reverse vaccinology. <b>2021</b> , 19, 103	4
610	The apicoplast link to fever-survival and artemisinin-resistance in the malaria parasite. <b>2021</b> , 12, 4563	5
609	Identification of 3,4-Dihydro-2,6-pyrimido[1,2-][1,3]benzothiazin-6-imine Derivatives as Novel Selective Inhibitors of Dihydroorotate Dehydrogenase. <b>2021</b> , 22,	0
608	Impacts of Ecology, Parasite Antigenic Variation, and Human Genetics on RTS,S/AS01e Malaria Vaccine Efficacy. <b>2021</b> , 8, 1-10	1
607	Natural products for treatment of Plasmodium falciparum malaria: An integrated computational approach. <b>2021</b> , 134, 104415	1
606	Exploration of benzofuran-based compounds as potent and selective Plasmodium falciparum glycogen synthase kinase-3 (PfGSK-3) inhibitors. <b>2021</b> , 112, 104839	1
605	Calcium in the Backstage of Malaria Parasite Biology. <b>2021</b> , 11, 708834	0
604	Progress in Parasite Genomics and Its Application to Current Challenges in Malaria Control.	
603	Bayesian estimation of population size and overlap from random subsamples.	
602	Enzymatic and structural characterization of HAD5, an essential phosphomannomutase of malaria parasites.	
601	Malian adults maintain serologic responses to virulent PfEMP1s amid seasonal patterns of fluctuation. <b>2021</b> , 11, 14401	0
600	Telomere Roles in Fungal Genome Evolution and Adaptation. <b>2021</b> , 12, 676751	1
599	Structural analyses of the malaria parasite aminoacyl-tRNA synthetases provide new avenues for antimalarial drug discovery. <b>2021</b> , 30, 1793-1803	2
598	Fates of Sec, Tat, and YidC Translocases in Mitochondria and Other Eukaryotic Compartments. <b>2021</b> , 38, 5241-5254	1
597	The apicoplast of Haemoproteus columbae: A comparative study of this organelle genome in Haemosporida. <b>2021</b> , 161, 107185	1
596	An essential vesicular-trafficking phospholipase mediates neutral lipid synthesis and contributes to hemozoin formation in Plasmodium falciparum. <b>2021</b> , 19, 159	4
595	Conserved Plasmodium Protein (PF3D7_0406000) of Unknown Function: In-silico Analysis and Cellular Localization. <b>2021</b> , 92, 104848	0

594	Chemoprophylaxis vaccination with a Plasmodium liver stage autophagy mutant affords enhanced and long-lasting protection. <b>2021</b> , 6, 98	1
593	An SR protein is essential for activating DNA repair in malaria parasites. <b>2021</b> , 134,	0
592	Unexpected organellar locations of ESCRT machinery in Giardia intestinalis and complex evolutionary dynamics spanning the transition to parasitism in the lineage Fornicata. <b>2021</b> , 19, 167	3
591	Lessons Learned for Pathogenesis, Immunology, and Disease of Erythrocytic Parasites: and. <b>2021</b> , 11, 685239	3
590	Properties of Plasmodium falciparum with a Deleted Apicoplast DNA Gyrase. <b>2021</b> , 65, e0058621	0
589	Identifying transcript 5' capped ends in. <b>2021</b> , 9, e11983	0
588	Identification of host tRNAs preferentially recognized by the Plasmodium surface protein tRip. <b>2021</b> , 49, 10618-10629	1
587	Genetic disruption of Plasmodium falciparum Merozoite surface antigen 180 (PfMSA180) suggests an essential role during parasite egress from erythrocytes. <b>2021</b> , 11, 19183	0
586	The Bartonella autotransporter CFA is a protective antigen and hypervariable target of neutralizing antibodies blocking erythrocyte infection.	2
585	Functional characterization of 5'UTR cis-acting sequence elements that modulate translational efficiency in P. falciparum and humans.	
584	Towards the use of a smartphone imaging-based tool for point-of-care detection of asymptomatic low-density malaria parasitaemia. <b>2021</b> , 20, 380	2
583	Genetic diversity and distribution patterns of PfEMP1 in Plasmodium falciparum isolates along the Thai-Myanmar border. <b>2021</b> , 84, 102397	0
582	Genome reconstructions of metabolism of Plasmodium RBC and liver stages. <b>2021</b> , 63, 259-266	
581	Biochemical characterization of the recombinant schistosome tegumental protein SmALDH_312 produced in E. coli and baculovirus expression vector system. <b>2021</b> , 54, 26-36	0
580	Plasmodium vivax pre-erythrocytic stages and the latent hypnozoite. <b>2021</b> , 85, 102447	2
579	Plasmodium falciparum FIKK9.1 is a monomeric serine-threonine protein kinase with features to exploit as a drug target. <b>2021</b> , 97, 962-977	
578	Malaria in the Era of Omics: Challenges and Way Forward. <b>2021</b> , 483-506	
577	Pathogen induced subversion of NAD metabolism mediating host cell death: a target for development of chemotherapeutics. <b>2021</b> , 7, 10	2



576	Comprehensive Analysis of Transcript and Protein Relative Abundance During Blood Stages of Infection. <b>2021</b> , 20, 1206-1216	2
575	Plasmodium-a brief introduction to the parasites causing human malaria and their basic biology. <b>2021</b> , 40, 1	18
574	Reassessing Multiple-Intervention Malaria Control Programs of the Past: Lessons for the Design of Contemporary Interventions. 151-165	3
573	Evolutionary Origins of Human Malaria Parasites. <b>2006</b> , 125-146	8
572	Supervised Neuro-fuzzy Clustering for Life Science Applications. <b>2006</b> , 378-389	1
571	Functional proteome and expression analysis of sporozoites and hepatic stages of malaria development. <b>2005</b> , 295, 417-38	8
570	Constructing Probabilistic Genetic Networks of Plasmodium falciparum from Dynamical Expression Signals of the Intraerythrocytic Development Cycle. <b>2007</b> , 11-26	16
569	Simple Methods for Peak and Valley Detection in Time Series Microarray Data. <b>2007</b> , 27-44	1
568	In Search of Atropos Scissors: Severing the Life-Thread of Plasmodium. <b>2008</b> , 91-96	3
567	Current and emerging approaches to studying invasion in apicomplexan parasites. <b>2008</b> , 47, 1-32	7
566	Erythrocyte invasion by Plasmodium falciparum: multiple ligand-receptor interactions and phenotypic switching. <b>2008</b> , 47, 46-57	11
565	The microsporidia genome: Living with minimal genes as an intracellular eukaryote. <b>2004</b> , 215-242	6
564	Immune recognition of Plasmodium-infected erythrocytes. <b>2009</b> , 653, 175-84	3
563	Implications of Human Microbiome Research for the Developing World. <b>2011</b> , 317-336	3
562	Transposable Element Dynamics in Rice and Its Wild Relatives. <b>2013</b> , 55-69	5
561	Encyclopedia of Malaria. <b>2018</b> , 1-15	4
560	Encyclopedia of Malaria. <b>2014</b> , 1-20	1
559	Drug Resistance and Emerging Targets in the Opportunistic Pathogens Toxoplasma gondii and Cryptosporidium parvum. <b>2009</b> , 605-619	1

558	Estimating protein function using protein-protein relationships. <b>2007</b> , 408, 109-27	10
557	Structural genomics of pathogenic protozoa: an overview. <b>2008</b> , 426, 497-513	34
556	A method to inhibit the growth of <i>Plasmodium falciparum</i> by double-stranded RNA-mediated gene silencing of helicases. <b>2010</b> , 587, 389-99	1
555	Interactome mapping in malaria parasites: challenges and opportunities. <b>2012</b> , 812, 121-45	3
554	New Medicines to Combat Malaria: An Overview of the Global Pipeline of Therapeutics. <b>2011</b> , 227-247	4
553	Naphthoquinones: Atovaquone, and Other Antimalarials Targeting Mitochondrial Functions. <b>2011</b> , 127-139	2
552	Structure and function of the Golgi organelle in parasitic protists. <b>2008</b> , 647-674	3
551	Evolution of Immunity and Pathogens. <b>2015</b> , 57, 1-20	10
550	Antigenic Variation in <i>Plasmodium falciparum</i> . <b>2015</b> , 57, 47-90	5
549	Analysing Periodic Phenomena by Circular PCA. <b>2007</b> , 38-47	8
548	Bayesian Data Integration and Enrichment Analysis for Predicting Gene Function in Malaria. <b>2009</b> , 457-466	1
547	Heparan Sulfate Proteoglycans in Infection. <b>2011</b> , 31-62	5
546	Natural Product-Based Drug Discovery in Africa: The Need for Integration into Modern Drug Discovery Paradigms. <b>2012</b> , 101-126	2
545	<i>Plasmodium</i> Proteases as Therapeutic Targets Against Malaria. <b>2017</b> , 69-90	1
544	Gene Expression in Florida Red Tide Dinoflagellate <i>Karenia brevis</i> : Analysis of an Expressed Sequence Tag Library and Development of DNA Microarray. <b>2005</b> , 7, 481	3
543	The C- and G-value paradox with polyploidy, repeatomes, introns, phenomes and cell economy. <b>2020</b> , 42, 699-714	6
542	Vaccines. <b>2013</b> , 1095-1121	3
541	Malaria. <b>2009</b> , 1201-1300	16

540	Portrait of a serial killer. <i>Nature</i> ,	50.4	5
539	Chapter 1:Malaria: New Medicines for its Control and Eradication. <b>2011</b> , 1-32		4
538	The apicoplast: a red alga in human parasites. <b>2011</b> , 51, 111-25		18
537	Driving antimalarial design through understanding of target mechanism. <b>2020</b> , 48, 2067-2078		3
536	Towards an anti-disease malaria vaccine. <b>2017</b> , 1, 539-545		4
535	Comparative genomic analysis of non-coding sequences and the application of RNA interference tools for bovine functional genomics. <b>2005</b> , 45, 995		1
534	Aligner optimization increases accuracy and decreases compute times in multi-species sequence data. <b>2017</b> , 3, e000122		8
533	Plasmodium parasites of birds have the most AT-rich genes of eukaryotes. <b>2018</b> , 4,		16
532	The chromatin bound proteome of the human malaria parasite. <b>2020</b> , 6,		5
531	in silicoWhole Genome Sequencer & Analyzer (iWGS): a computational pipeline to guide the design and analysis of de novo genome sequencing studies.		3
530	Complete avian malaria parasite genomes reveal features associated with lineage specific evolution in birds and mammals.		4
529	Genomes of all known members of a Plasmodium subgenus reveal paths to virulent human malaria.		4
528	Genome-wide characterization of <i>Phytophthora infestans</i> metabolism: a systems biology approach.		2
527	<i>Plasmodium falciparum</i> population genetic complexity influences transcriptional profile and immune recognition of highly related genotypic clusters.		2
526	Antagonistic roles of NOT1 paralogues in the timing of gene expression in <i>Plasmodium falciparum</i> .		0
525	Direct nanopore sequencing of mRNA reveals landscape of transcript isoforms in apicomplexan parasites.		2
524	Single cell sequencing of the small and AT-skewed genome of malaria parasites.		1
523	Glucose-mediated expansion of a gut commensal bacterium promotes <i>Plasmodium</i> infection through alkalizing mosquito midgut.		2

522	Novel functional insights from the <i>Plasmodium falciparum</i> sporozoite-specific proteome by probabilistic integration of 26 studies.	1
521	The apicoplast link to fever-survival and artemisinin-resistance in the malaria parasite.	4
520	<i>Plasmodium vivax</i> -like genome sequences shed new insights into <i>Plasmodium vivax</i> biology and evolution.	1
519	Evidence of non-tandemly repeated rDNAs and their intragenomic heterogeneity in <i>Rhizophagus irregularis</i> .	2
518	Resolving within-host malaria parasite diversity using single-cell sequencing.	6
517	Validation of the protein kinase PfCLK3 as a multi-stage cross species malarial drug target.	1
516	PolyA tracks and poly-lysine repeats are the Achilles heel of <i>Plasmodium falciparum</i> .	1
515	The Prevalence and Impact of Model Violations in Phylogenetics Analysis.	3
514	Rapid and iterative genome editing in the zoonotic malaria parasite <i>Plasmodium knowlesi</i> : New tools for <i>P. vivax</i> research.	1
513	From single nuclei to whole genome assemblies.	4
512	Extensive Transcriptional and Translational Regulation Occur During the Maturation of Malaria Parasite Sporozoites.	1
511	Strains used in whole organism <i>Plasmodium falciparum</i> vaccine trials differ in genome structure, sequence, and immunogenic potential.	3
510	The absence of C-5 DNA methylation in <i>Leishmania donovani</i> allows DNA enrichment from complex samples.	1
509	Refining the transcriptome of the human malaria parasite <i>Plasmodium falciparum</i> using amplification-free RNA-seq.	2
508	Crystallization and preliminary structural characterization of the two actin isoforms of the malaria parasite. <b>2013</b> , 69, 1171-6	5
507	How the Genome Is Organized in the Glomeromycota. 419-430	2
506	<i>Cryptosporidium</i> Species. 271-286	2
505	Microbial Genomics and Pathogen Discovery. 238-251	1

504	Molecular Approaches to Malaria: Glycolysis in Asexual-Stage Parasites. 221-233	1
503	The Mitochondrion. 234-252	4
502	Progress in Development of a Vaccine to Aid Malaria Control. 480-497	1
501	Genetic Manipulation of Plasmodium falciparum. 50-67	3
500	The Transcriptome of the Malaria Parasite Plasmodium falciparum. 68-84	2
499	The Paradigm Shift in Microbial Prospecting. 241-249	4
498	Recombination and Diversification of the Variant Antigen Encoding Genes in the Malaria Parasite Plasmodium falciparum. 437-449	1
497	Elucidation of DNA Repair Function of PfBlm and Potentiation of Artemisinin Action by a Small-Molecule Inhibitor of RecQ Helicase. <b>2020</b> , 5,	3
496	Plasma cell-free DNA predicts pediatric cerebral malaria severity. <b>2020</b> , 5,	4
495	Longitudinal analysis of naturally acquired PfEMP1 CIDR domain variant antibodies identifies associations with malaria protection. <b>2020</b> , 5,	9
494	Tales from the gene pool: a genomic view of infectious disease. <b>2009</b> , 119, 2452-4	3
493	NSR-seq transcriptional profiling enables identification of a gene signature of Plasmodium falciparum parasites infecting children. <b>2011</b> , 121, 1119-29	52
492	Advances and challenges in malaria vaccine development. <b>2010</b> , 120, 4168-78	182
491	Protozoal Phosphodiesterases. <b>2006</b> ,	3
490	Muddled mechanisms: recent progress towards antimalarial target identification. <b>2016</b> , 5, 2514	6
489	Rapid inducible protein displacement in and using knocksideways technology. <b>2017</b> , 2, 18	7
488	An improved genome assembly reveals an unexpected methyltransferase gene expansion. <b>2017</b> , 2, 42	29
487	A re-assessment of gene-tag classification approaches for describing gene expression patterns during human malaria parasite infections. <b>2017</b> , 2, 86	8

486	Long read assemblies of geographically dispersed isolates reveal highly structured subtelomeres. <b>2018</b> , 3, 52	54
485	Progression of the canonical reference malaria parasite genome from 2002-2019. <b>2019</b> , 4, 58	26
484	Progression of the canonical reference malaria parasite genome from 2002-2019. <b>2019</b> , 4, 58	24
483	Evolutionary analysis of the most polymorphic gene family in malaria. <b>2019</b> , 4, 193	29
482	The transcriptome of the intraerythrocytic developmental cycle of <i>Plasmodium falciparum</i> . <b>2003</b> , 1, E5	1175
481	NullSeq: A Tool for Generating Random Coding Sequences with Desired Amino Acid and GC Contents. <b>2016</b> , 12, e1005184	9
480	Parasite genomics-Time to think bigger. <b>2017</b> , 11, e0005463	4
479	Proteogenomic analysis of the total and surface-exposed proteomes of <i>Plasmodium vivax</i> salivary gland sporozoites. <b>2017</b> , 11, e0005791	48
478	Rapid identification of malaria vaccine candidates based on alpha-helical coiled coil protein motif. <b>2007</b> , 2, e645	55
477	Protection of rhesus monkeys by a DNA prime/poxvirus boost malaria vaccine depends on optimal DNA priming and inclusion of blood stage antigens. <b>2007</b> , 2, e1063	28
476	Evidence-based annotation of the malaria parasite's genome using comparative expression profiling. <b>2008</b> , 3, e1570	70
475	Genome-wide detection of serpentine receptor-like proteins in malaria parasites. <b>2008</b> , 3, e1889	38
474	Default Pathway of var2csa switching and translational repression in <i>Plasmodium falciparum</i> . <b>2008</b> , 3, e1982	45
473	Gene-specific signatures of elevated non-synonymous substitution rates correlate poorly across the <i>Plasmodium</i> genus. <b>2008</b> , 3, e2281	12
472	Anti-plasmodium activity of angiotensin II and related synthetic peptides. <b>2008</b> , 3, e3296	42
471	Does selection against transcriptional interference shape retroelement-free regions in mammalian genomes?. <b>2008</b> , 3, e3760	9
470	Diverse expression patterns of subgroups of the rif multigene family during <i>Plasmodium falciparum</i> gametocytogenesis. <b>2008</b> , 3, e3779	48
469	A unique dual activity amino acid hydroxylase in <i>Toxoplasma gondii</i> . <b>2009</b> , 4, e4801	199

468	Multiple var2csa-type PfEMP1 genes located at different chromosomal loci occur in many <i>Plasmodium falciparum</i> isolates. <b>2009</b> , 4, e6667	45
467	Oleic acid biosynthesis in <i>Plasmodium falciparum</i> : characterization of the stearyl-CoA desaturase and investigation as a potential therapeutic target. <b>2009</b> , 4, e6889	29
466	Functional evaluation of <i>Plasmodium</i> export signals in <i>Plasmodium berghei</i> suggests multiple modes of protein export. <b>2010</b> , 5, e10227	14
465	A moonlighting function of <i>Plasmodium falciparum</i> histone 3, mono-methylated at lysine 9?. <b>2010</b> , 5, e10252	12
464	Allelic diversity of the <i>Plasmodium falciparum</i> erythrocyte membrane protein 1 entails variant-specific red cell surface epitopes. <b>2011</b> , 6, e16544	31
463	Genome-wide identification of molecular mimicry candidates in parasites. <b>2011</b> , 6, e17546	29
462	Cloning of the repertoire of individual <i>Plasmodium falciparum</i> var genes using transformation associated recombination (TAR). <b>2011</b> , 6, e17782	9
461	Expression of a malarial Hsp70 improves defects in chaperone-dependent activities in ssa1 mutant yeast. <b>2011</b> , 6, e20047	20
460	Population genetic analysis of <i>Plasmodium falciparum</i> parasites using a customized Illumina GoldenGate genotyping assay. <b>2011</b> , 6, e20251	38
459	The disequilibrium of nucleosomes distribution along chromosomes plays a functional and evolutionarily role in regulating gene expression. <b>2011</b> , 6, e23219	6
458	Inhibitory potential of prodomain of <i>Plasmodium falciparum</i> protease serine repeat antigen 5 for asexual blood stages of parasite. <b>2012</b> , 7, e30452	9
457	A new single-step PCR assay for the detection of the zoonotic malaria parasite <i>Plasmodium knowlesi</i> . <b>2012</b> , 7, e31848	33
456	Fingerprinting the substrate specificity of M1 and M17 aminopeptidases of human malaria, <i>Plasmodium falciparum</i> . <b>2012</b> , 7, e31938	51
455	Identification of putative potassium channel homologues in pathogenic protozoa. <b>2012</b> , 7, e32264	18
454	The lasso segment is required for functional dimerization of the <i>Plasmodium</i> formin 1 FH2 domain. <b>2012</b> , 7, e33586	15
453	Erasing the epigenetic memory and beginning to switch--the onset of antigenic switching of var genes in <i>Plasmodium falciparum</i> . <b>2012</b> , 7, e34168	28
452	Characterization of the ubiquitylating components of the human malaria parasite's protein degradation pathway. <b>2012</b> , 7, e43477	23
451	Temporal expression and localization patterns of variant surface antigens in clinical <i>Plasmodium falciparum</i> isolates during erythrocyte schizogony. <b>2012</b> , 7, e49540	25

450	Transcription sites are developmentally regulated during the asexual cycle of <i>Plasmodium falciparum</i> . <b>2013</b> , 8, e55539	3
449	Global mass spectrometry based metabolomics profiling of erythrocytes infected with <i>Plasmodium falciparum</i> . <b>2013</b> , 8, e60840	59
448	Structure-function-immunogenicity studies of PfEMP1 domain DBL2 $\alpha$ F11_0521, a malaria parasite ligand for ICAM-1. <b>2013</b> , 8, e61323	17
447	<i>Plasmodium falciparum</i> var gene expression homogeneity as a marker of the host-parasite relationship under different levels of naturally acquired immunity to malaria. <b>2013</b> , 8, e70467	19
446	Whole genome mapping and re-organization of the nuclear and mitochondrial genomes of <i>Babesia microti</i> isolates. <b>2013</b> , 8, e72657	29
445	Homologous recombination occurs in <i>Entamoeba</i> and is enhanced during growth stress and stage conversion. <b>2013</b> , 8, e74465	28
444	In silico and in vivo anti-malarial studies of 18 $\beta$ -glycyrrhetic acid from <i>Glycyrrhiza glabra</i> . <b>2013</b> , 8, e74761	47
443	A novel malaria vaccine candidate antigen expressed in <i>Tetrahymena thermophila</i> . <b>2014</b> , 9, e87198	11
442	Development and assessment of plant-based synthetic odor baits for surveillance and control of malaria vectors. <b>2014</b> , 9, e89818	36
441	Identifying novel cell cycle proteins in Apicomplexa parasites through co-expression decision analysis. <b>2014</b> , 9, e97625	8
440	A var gene upstream element controls protein synthesis at the level of translation initiation in <i>Plasmodium falciparum</i> . <b>2014</b> , 9, e100183	19
439	Protozoan parasites of bivalve molluscs: literature follows culture. <b>2014</b> , 9, e100872	25
438	An analysis of the binding characteristics of a panel of recently selected ICAM-1 binding <i>Plasmodium falciparum</i> patient isolates. <b>2014</b> , 9, e111518	14
437	Functional analysis of sirtuin genes in multiple <i>Plasmodium falciparum</i> strains. <b>2015</b> , 10, e0118865	21
436	Overexpression, Purification and Characterisation of the <i>Plasmodium falciparum</i> Hsp70-z (PfHsp70-z) Protein. <b>2015</b> , 10, e0129445	28
435	Enzymatic Characterization of Recombinant Food Vacuole Plasmepsin 4 from the Rodent Malaria Parasite <i>Plasmodium berghei</i> . <b>2015</b> , 10, e0141758	4
434	The Genotypic and Phenotypic Stability of <i>Plasmodium falciparum</i> Field Isolates in Continuous In Vitro Culture. <b>2016</b> , 11, e0143565	9
433	The <i>Plasmodium</i> PHIST and RESA-Like Protein Families of Human and Rodent Malaria Parasites. <b>2016</b> , 11, e0152510	11



432	New Assays to Characterise Growth-Related Phenotypes of Plasmodium falciparum Reveal Variation in Density-Dependent Growth Inhibition between Parasite Lines. <b>2016</b> , 11, e0165358	14
431	In Vitro Variant Surface Antigen Expression in Plasmodium falciparum Parasites from a Semi-Immune Individual Is Not Correlated with Var Gene Transcription. <b>2016</b> , 11, e0166135	5
430	Biophysical characterization of the calmodulin-like domain of Plasmodium falciparum calcium dependent protein kinase 3. <b>2017</b> , 12, e0181721	1
429	Multispecies reconstructions uncover widespread conservation, and lineage-specific elaborations in eukaryotic mRNA metabolism. <b>2018</b> , 13, e0192633	12
428	The draft genome of Kipferlia bialata reveals reductive genome evolution in fornicate parasites. <b>2018</b> , 13, e0194487	13
427	Antigenic variation in Plasmodium falciparum malaria involves a highly structured switching pattern. <b>2011</b> , 7, e1001306	94
426	Plasmodium falciparum Nucleosomes Exhibit Reduced Stability and Lost Sequence Dependent Nucleosome Positioning. <b>2016</b> , 12, e1006080	11
425	Stage-Specific Changes in Plasmodium Metabolism Required for Differentiation and Adaptation to Different Host and Vector Environments. <b>2016</b> , 12, e1006094	56
424	T-dependent B cell responses to Plasmodium induce antibodies that form a high-avidity multivalent complex with the circumsporozoite protein. <b>2017</b> , 13, e1006469	36
423	Plasmodium heme biosynthesis: To be or not to be essential?. <b>2017</b> , 13, e1006511	16
422	Nested PCR detection of Plasmodium malariae from microscopy confirmed P. falciparum samples in endemic area of NE India. <b>2013</b> , 60, 401-5	8
421	Expressed sequence tag analysis of the dinoflagellate Lingulodinium polyedrum during dark phase. <b>2004</b> , 80, 31-5	34
420	Prokaryotic ancestry and gene fusion of a dual localized peroxiredoxin in malaria parasites. <b>2015</b> , 2, 5-13	9
419	Signaling transcript profile of the asexual intraerythrocytic development cycle of induced by melatonin and cAMP. <b>2016</b> , 7, 323-339	14
418	Genome-wide analysis of the human malaria parasite transcription factor PfNF-YB shows interaction with a CCAAT motif. <b>2017</b> , 8, 113987-114001	6
417	Recent Advances in System Based Study for Anti-Malarial Drug Development Process. <b>2019</b> , 25, 3367-3377	4
416	Do you see what I see: Recognition of protozoan parasites by Toll-like receptors. <b>2013</b> , 9, 129-140	20
415	An In-Solution Hybridisation Method for the Isolation of Pathogen DNA from Human DNA-rich Clinical Samples for Analysis by NGS. <b>2012</b> , 5,	8

414	Defeating dengue: new mosquito genome, old promise?. <b>2008</b> , 86, A	4
413	Large-scale genotyping and genetic mapping in Plasmodium parasites. <b>2009</b> , 47, 83-91	7
412	Allelic Diversity and Geographical Distribution of the Gene Encoding Plasmodium falciparum Merozoite Surface Protein-3 in Thailand. <b>2015</b> , 53, 177-87	4
411	Identification of Immunodominant B-cell Epitope Regions of Reticulocyte Binding Proteins in Plasmodium vivax by Protein Microarray Based Immunoscreening. <b>2015</b> , 53, 403-11	14
410	Effect of Farnesyltransferase Inhibitor R115777 on Mitochondria of Plasmodium falciparum. <b>2015</b> , 53, 421-30	8
409	Unraveling Haplotype Diversity of the Apical Membrane Antigen-1 Gene in Populations in Thailand. <b>2018</b> , 56, 153-165	6
408	Analysis of PfEMP1 <sub>var</sub> Gene Sequences in Different Plasmodium falciparum Malarial Parasites. <b>2009</b> , 2009, 1-10	1
407	Immune evasion by <i>Plasmodium falciparum</i> parasites: converting a host protection mechanism for the parasite's benefit. <b>2016</b> , 06, 82-95	10
406	Dynamic clustering of gene expression. <b>2012</b> , 2012, 537217	9
405	A database for Plasmodium falciparum protein models. <b>2005</b> , 1, 50-1	1
404	Comparative genome analysis of six malarial parasites using codon usage bias based tools. <b>2012</b> , 8, 1230-9	29
403	The antigenic switching network of Plasmodium falciparum and its implications for the immuno-epidemiology of malaria. <b>2013</b> , 2, e01074	22
402	Genome-wide regulatory dynamics of translation in the asexual blood stages. <b>2014</b> , 3,	87
401	Deconvoluting heme biosynthesis to target blood-stage malaria parasites. <b>2015</b> , 4,	36
400	Rapid and iterative genome editing in the malaria parasite provides new tools for research. <b>2019</b> , 8,	32
399	Formin-2 drives polymerisation of actin filaments enabling segregation of apicoplasts and cytokinesis in. <b>2019</b> , 8,	16
398	'2TM proteins': an antigenically diverse superfamily with variable functions and export pathways. <b>2018</b> , 6, e4757	4
397	An ambiguous N-terminus drives the dual targeting of an antioxidant protein Thioredoxin peroxidase (TgTPx1/2) to endosymbiotic organelles in. <b>2019</b> , 7, e7215	1

- 396 G-quadruplex RNA motifs influence gene expression in the malaria parasite *Plasmodium falciparum*. **2021**, 49, 12486-12501 0
- 395 Population genomics and evidence of clonal replacement of *Plasmodium falciparum* in the Peruvian Amazon. **2021**, 11, 21212 1
- 394 Comparative Analysis of Genotyping via SNP Detection, Microsatellite Profiling, and Whole-Genome Sequencing. **2021**, AAC0116321 1
- 393 Biochemical Genetics. **2001**, 1473-1527
- 392 Genome sequence of the human malaria parasite *Plasmodium falciparum*. *Nature*, 50.4
- 391 Hundreds of new malaria drug targets. *Nature*, 50.4
- 390 The Decoding of Malaria Genomes. **2003**, 127, 899-899
- 389 Chip catches malaria parasite expressing itself. *Nature*, 50.4
- 388 Fuzzy Classification of Secretory Signals in Proteins Encoded by the *Plasmodium falciparum* Genome. **2004**, 1023-1029 2
- 387 RNAi in the Malaria Parasite *Plasmodium*. **2004**,
- 386 Silencing the Expression of Cysteine Proteases (Falcipains) in *Plasmodium falciparum* using RNA Interference Approaches. **2004**,
- 385 Cerebral Malaria. **2005**, 145-187
- 384 A Self-supervised Learning Framework for Classifying Microarray Gene Expression Data. **2006**, 686-693 1
- 383 « Biens communs scientifiques » et recherche en sciences de la vie : structure, fonction et valeur de l'accès à la diversité génétique. **2006**, 188, 317
- 382 Parametric Spectral Analysis of Malaria Gene Expression Time Series Data. **2006**, 32-41
- 381 Phylogenetic Analysis to Uncover Organellar Origins of Nuclear-Encoded Genes. **2007**, 489-501
- 380 Une nouvelle vision du paludisme réalisée par l'imagerie du parasite. **2007**, 191, 1261-1271
- 379 Espoirs et enjeux des stratégies vaccinales contre le paludisme. Pourquoi nous devons faire mieux. **2007**, 191, 1249-1260

- 378 Malaria vaccines. **2008**, 1267-1274
- 377 Molecular Bacteriology, Mycology, and Parasitology. **2008**, 581-622
- 376 Classification of Parasites. **2008**, 1226-1228
- 375 Membrane Protein Crystallization Mediated by Antibody Fragments. 300
- 374 Malarial Resistance and Susceptibility, Genetics of. 1
- 373 Comparison of Labyrinthulid Strains L4 and L75 by Fatty Acid Composition and Characteristics. **2008**, 11, 149-158 1
- 372 Malaria. **2009**, 1-17
- 371 Malaria. **2009**, 163-191
- 370 MALARIA. **2009**, 1141-1170
- 369 Malaria. **2009**, 594-597
- 368 The Apicoplast: An Ancient Algal Endosymbiont of Apicomplexa. **2010**, 253-283
- 367 Preventing Childhood Malaria: Strategies That Work Today and Directions for the Future. **2010**, 31-42
- 366 Plastid Evolution and the Nuclear Genomic Footprint of Red and Green Algal Endosymbionts. **2010**, 191-204
- 365 Genomics and Genetics of Drug Resistance and Regulation of Malaria Parasite Development. **2010**, 169-175
- 364 Parasite Evasion.
- 363 Malaria. 1
- 362 Co-expression of human malaria parasite *Plasmodium falciparum* orotate phosphoribosyltransferase and orotidine 5-phosphosphate decarboxylase as enzyme complex in *Escherichia coli*: a novel strategy for drug development. **2010**, 4, 297-306 3
- 361 Synchronization of pathogenic protozoans. **2011**, 761, 201-10 1

360 Plasmodium and Babesia. **2011**, 2091-2112

359 Systems Biology-Based Approaches Applied to Vaccine Development. **2011**, 61-78

358 Chapter 11. The Aspartic Proteinases from the Malaria Parasite: Structure and Function of the Plasmepsins. **2011**, 242-269

357 Expressed sequence tag analysis of the erythrocytic stage of Plasmodium berghei. **2011**, 49, 221-8

356 An eradicating vaccine for Plasmodium falciparum: Possibility or Pipe-dream?. **2011**,

355 Recent advances and perspectives on tropical diseases: Malaria. **2012**, 1, 4

354 Fungal, Rickettsial, and Parasitic Diseases of the Nervous System. **2012**, 1291-1338

353 Malaria Genomics and the Developing World. **2012**, 117-130

352 Classification of Parasites. **2012**, 1254-1256.e1

351 Malaria Vaccines. **2013**, 171-197

350 Encyclopedia of Malaria. **2013**, 1-13

349 Systems Biology-Based Approaches Applied to Vaccine Development. **2013**, 1131-1148

348 Role of Proteases During Intra-erythrocytic Developmental Cycle of Human Malaria Parasite Plasmodium falciparum. **2013**, 215-242

347 Encyclopedia of Malaria. **2013**, 1-11

346 Genome Analysis of Social Amoebae. **2013**, 35-47

345 Vaccination Against Malaria Parasites: Paradigms, Perils, and Progress. **2013**, 217-235

344 Encyclopedia of Malaria. **2013**, 1-15

343 Encyclopedia of Malaria. **2013**, 1-13

- 342 Encyclopedia of Malaria. **2013**, 1-11
- 341 Encyclopedia of Systems Biology. **2013**, 584-588
- 340 Encyclopedia of Malaria. **2013**, 1-17
- 339 Withstanding the Challenges of Host Immunity: Antigenic Variation and the Trypanosome Surface Coat. **2014**, 61-87
- 338 Cryptosporidium: Current State of Genomics and Systems Biological Research. **2014**, 327-344 1
- 337 Genomics of Subtelomeres: Technical Problems, Solutions and the Future. **2014**, 259-271
- 336 Encyclopedia of Malaria. **2014**, 1-18 1
- 335 Encyclopedia of Malaria. **2014**, 1-11
- 334 Encyclopedia of Malaria. **2014**, 1-16
- 333 Encyclopedia of Malaria. **2014**, 1-14
- 332 Genomics. 250-259
- 331 The Plasmodium Proteome. 85-94
- 330 References. 327-373
- 329 Malaria. 259-274
- 328 Genome Diversity, Population Genetics, and Evolution of Malaria Parasites. 267-285
- 327 References. 257-276
- 326 The Apicoplast. 272-289 0
- 325 New Permeation Pathways. 384-396

- 324 Covert Operations: the Adaptable Plan of Attack Deployed by Pathogenic Bacteria. 185-200
- 323 PlasmoDB: The Plasmodium Genome Resource. 12-23 1
- 322 Large-scale differential proteome analysis in *Plasmodium falciparum* under drug treatment. **2015**, 1201, 269-79 1
- 321 The Genomics of Entamoebae: Insights and Challenges. **2015**, 27-47
- 320 Systems Approaches to Study Infectious Diseases. **2015**, 151-172
- 319 Future Prospects. **2014**, 393-398
- 318 Encyclopedia of Malaria. **2015**, 1-11
- 317 Encyclopedia of Malaria. **2015**, 1-17
- 316 Elusive *Plasmodium* Species Complete the Human Malaria Genome Set.
- 315 The transcriptome of the avian malaria parasite *Plasmodium ashfordi* displays host-specific gene expression. 1
- 314 An overview on the DNA nucleotide compositions across kingdoms.
- 313 Whole-Sporozoite Malaria Vaccines. **2017**, 99-137 1
- 312 Epigenetics of Malaria Parasites. **2017**, 243-264
- 311 Encyclopedia of Malaria. **2017**, 1-17
- 310 Antimalarial Drug Resistance: Clinical Perspectives. **2017**, 1245-1275
- 309 T-dependent B cell responses to *Plasmodium* induce antibodies that form a high-avidity multivalent complex with the circumsporozoite protein. 0
- 308 Dual RNA-seq reveals no plastic transcriptional response of the coccidian parasite *Eimeria falciformis* to host immune defenses.
- 307 Novel *Plasmodium falciparum* metabolic network reconstruction identifies shifts associated with clinical antimalarial resistance. 1

- 306 Conservation of single amino-acid polymorphisms in *Plasmodium falciparum* erythrocyte membrane protein 1 and association with severe pathophysiology.
- 305 High-resolution single-cell sequencing of malaria parasites. 0
- 304 De Novo Mutations Resolve Disease Transmission Pathways in Clonal Malaria.
- 303 Predictions of Protein-Protein Interactions in *Schistosoma Mansoni*.
- 302 Role of White Blood Cells in Immunopathogenesis of Cerebral Malaria. **2018**, 51-62
- 301 Real-time in vivo Global Transcriptional Dynamics During *Plasmodium falciparum* Blood-stage Development. 0
- 300 A fast and cost-effective microsampling protocol incorporating reduced animal usage for time-series transcriptomics in rodent malaria parasites.
- 299 A tiling array-based comparative genomic hybridization approach to predict copy number variations between *Plasmodium falciparum* field isolates from the Indian Sub-continent. 7, 1033
- 298 Application of Long Read Sequencing to Determine Expressed Antigen Diversity in *Trypanosoma Brucei* Infections. 0
- 297 Look4TRs: A de-novo tool for detecting simple tandem repeats using self-supervised hidden Markov models. 1
- 296 Formin-2 drives intracellular polymerisation of actin filaments enabling correct segregation of apicoplasts in *Plasmodium falciparum* and *Toxoplasma gondii*. 1
- 295 Antibody Complexes. **2019**, 93, 23-51 0
- 294 Mode and tempo of microsatellite length change in a malaria parasite mutation accumulation experiment. 2
- 293 Transcriptome-wide dynamics of extensive m6A mRNA methylation during *Plasmodium falciparum* blood-stage development. 1
- 292 Development of copy number assays for detection and surveillance of piperazine resistance associated plasmepsin 2/3 copy number variation in *Plasmodium falciparum*.
- 291 Generating high-quality libraries for DIA-MS with empirically-corrected peptide predictions. 1
- 290 Detection of simple and complex de novo mutations without, with, or with multiple reference sequences. 0
- 289 Metabolic dependency of chorismate in *Plasmodium falciparum*.



- 288 EXP1 is required for organization of the intraerythrocytic malaria parasite vacuole.
- 287 Plasmodium vivax Malaria viewed through the lens of an eradicated European strain.
- 286 N-linked surface glycan biosynthesis, composition, inhibition, and function in cnidarian-dinoflagellate symbiosis.
- 285 An integrated platform for genome engineering and gene expression perturbation in Plasmodium falciparum. **2019**, 2
- 284 A lysophospholipase plays role in generation of neutral-lipids required for hemozoin formation in malaria parasite.
- 283 Plasmodial enzymes in metabolic pathways as therapeutic targets and contemporary strategies to discover new antimalarial drugs: a review. 38-53
- 282 Messenger RNAs with large numbers of upstream ORFs are translated via leaky scanning and reinitiation in the asexual stages of Plasmodium falciparum.
- 281 Surprising variation in the outcome of two malaria genetic crosses using humanized mice: implications for genetic mapping and malaria biology. 1
- 280 Genetic ablation of the mitochondrial ribosome in Plasmodium falciparum sensitizes the human malaria parasite to antimalarial drugs targeting mitochondrial functions.
- 279 Using a Systems Biology Approach To Study Host-Pathogen Interactions. 337-347
- 278 Longitudinal analysis of naturally acquired antibodies to PfEMP1 CIDR domain variants and their association with malaria protection. 1
- 277 Conservation and host-specific expression of non-tandemly repeated heterogenous ribosome RNA gene in arbuscular mycorrhizal fungi. 1
- 276 Plasmodium falciparum Replication factor C subunit 1 is involved in genotoxic stress response.
- 275 An exon DNA element modulates heterochromatin spreading in the master regulator for sexual commitment in malaria parasites.
- 274 Serology for Plasmodium vivax surveillance: A novel approach to accelerate towards elimination. **2021**, 87, 102492 3
- 273 Molecular Docking and QSAR Study of Chalcone and Pyrimidine Derivatives as Potent Anti-Malarial Agents against Plasmodium falciparum. 85, 23-34
- 272 Plasmodium falciparum serology: A comparison of two protein production methods for analysis of antibody responses by protein microarray.
- 271 Real time, field-deployable whole genome sequencing of malaria parasites using nanopore technology. 1

- 270 A Sequence-Pair-Classification-Based Method for Detecting and Correcting Under-Clustered Gene Families.
- 269 Evolutionary Pressures and Codon Bias in Low Complexity Regions of Plasmodia Parasites.
- 268 Molecular architecture and domain arrangement of the placental malaria protein VAR2CSA suggests a model for receptor binding.
- 267 Deletion of *Plasmodium falciparum* *ubc13* increases parasite sensitivity to the mutagen, methyl methanesulfonate and dihydroartemisinin. **2021**, 11, 21791 1
- 266 Global diversity of the gene encoding the Pfs25 protein-a *Plasmodium falciparum* transmission-blocking vaccine candidate. **2021**, 14, 571 1
- 265 *Plasmodium falciparum* Calcium-Dependent Protein Kinase 4 is Critical for Male Gametogenesis and Transmission to the Mosquito Vector. **2021**, e0257521 4
- 264 Analysis of sex-specific lipid metabolism in *P. falciparum* gametocytes points to importance of sphingomyelin for gametocytogenesis.
- 263 The specificity of the malarial VAR2CSA protein for chondroitin sulfate depends on 4-O-sulfation and ligand accessibility. **2021**, 297, 101391 3
- 262 CRISPR/Cas9-mediated genome editing of *Schistosoma mansoni* acetylcholinesterase.
- 261 Distribution and Abundance of Polymorphism in the Malaria Genome. **2005**, 94-103
- 260 Gentechnik in Medizin und Forschung. **2005**, 73-127
- 259 Data Mining of Malaria Parasite Gene Expression for Possible Translational Research. **2007**, 1-10
- 258 Linking Gene Expression Patterns and Transcriptional Regulation in *Plasmodium falciparum*. **2007**, 137-156
- 257 Chromosomal Spatial Correlation of Gene Expression in *Plasmodium falciparum*. **2007**, 157-171
- 256 Identifying Stage-Specific Genes by Combining Information from Two Different Types of Oligonucleotide Arrays. **2007**, 59-74
- 255 PlasmotFBM: An Intelligent Queryable Database for Predicted Transcription Factor Binding Motifs in *Plasmodium falciparum*. **2007**, 121-136
- 254 A genomic and phylogenetic perspective on endosymbiosis and algal origin. **2006**, 249-255
- 253 Biologie parasitischer Protozoen. **2008**, 107-256

252 Cryptosporidium. **2009**, 165-190

251 Importance of Clinical Suspicion in Rapid Diagnostic Test Negativity in Malaria: Two Case Reports.

250 Chemoprophylaxis vaccination with a Plasmodium liver stage autophagy mutant affords enhanced and long-lasting protection.

249 The RNA Structurome in the Asexual Blood Stages of Malaria Pathogen Plasmodium falciparum.

248 Refining physico-chemical rules for herbicides using an antimalarial library.

1

247 Plasmodium falciparum guanylyl cyclase-alpha and the activity of its appended P4-ATPase domain are essential for cGMP synthesis and blood stage egress.

246 Identifying and validating the presence of Guanine-Quadruplexes (G4) within the blood fluke parasite Schistosoma mansoni.

245 The relationship between protein domains and homopeptides in the proteome. **2020**, 8, e9940

244 Telomere length dynamics in response to DNA damage in malaria parasites.

243 Efficient transcriptome profiling across the malaria parasite erythrocytic cycle by flow sorting.

0

242 A scalable method for identifying recombinants from unaligned sequences.

0

241 Investigation of heterochromatin protein 1 function in the malaria parasite Plasmodium falciparum using a conditional domain deletion and swapping approach.

240 Whole-genome analysis of Malawian Plasmodium falciparum isolates identifies potential targets of allele-specific immunity to clinical malaria.

0

239 Detection sensitivity and quantitation of Plasmodium falciparum var gene transcripts by real-time RT-PCR in comparison with conventional RT-PCR. **2006**, 75, 212-8

10

238 Genetic diversity of the malaria vaccine candidate Plasmodium falciparum merozoite surface protein-3 in a hypoendemic transmission environment. **2009**, 80, 479-86

11

237 Identification and Characterization of the Antigens Expressed On the Surface of Human Erythrocytes Infected With Plasmodium falciparum. **2013**, 8, 197-206

1

236 Identification of a polymorphic Plasmodium vivax microsatellite marker. **2003**, 69, 377-9

19

235 Malaria vaccines: high-throughput tools for antigens discovery with potential for their development. **2013**, 44, 121-8

- 234 Malaria Vaccine Development: The Need for Novel Approaches: A Review Article. **2018**, 13, 1-10 6
- 233 A conserved guided entry of tail-anchored pathway is involved in the trafficking of a subset of membrane proteins in *Plasmodium falciparum*. **2021**, 17, e1009595 0
- 232 Allelic variants of full-length VAR2CSA, the placental malaria vaccine candidate, differ in antigenicity and receptor binding affinity. **2021**, 4, 1309 3
- 231 Segregating Complete Tf2 Elements Are Largely Neutral in Fission Yeast. **2021**, 13, 0
- 230 Getting close to nature *Plasmodium knowlesi* reference genome sequences from contemporary clinical isolates. 0
- 229 Successful Profiling of *Plasmodium falciparum* Gene Expression in Clinical Samples via a Custom Capture Array. **2021**, e0022621 0
- 228 Characterising genome architectures using Genome Decomposition Analysis. 0
- 227 Life Cycle and Transmission of : Knowns and Unknowns.. **2022**, 10, 1
- 226 Essential Role of Occupational Hazards in Cancer among Women. **2021**, 1-13 0
- 225 From Genome Variation to Molecular Mechanisms: What we Have Learned From Yeast Mitochondrial Genomes?. **2022**, 13, 806575 0
- 224 Contribution of Transcriptome to Elucidate the Biology of *Plasmodium* spp.. **2022**, 0
- 223 Is the AT-rich DNA of malaria parasites a drug target?. **2022**, 0
- 222 Essential Role of Occupational Hazards in Cancer Among Women. **2022**, 477-489 0
- 221 Functional characterization of 5' UTR cis-acting sequence elements that modulate translational efficiency in *Plasmodium falciparum* and humans.. **2022**, 21, 15 0
- 220 Malaria Parasite *Plasmodium falciparum* Proteins on the Surface of Infected Erythrocytes as Targets for Novel Drug Discovery.. **2022**, 87, S192-S177 2
- 219 *Plasmodium*: Vertebrate Host. **2022**, 199-281 0
- 218 Next-Generation Technologies and Systems Biology for the Design of Novel Vaccines Against Apicomplexan Parasites.. **2021**, 8, 800361 0
- 217 Molecular Biology and Molecular Genetics. **2022**, 263-271 0

216	What happened before losses of photosynthesis in cryptophyte algae?. <b>2022,</b>	0
215	Malaria Vaccines. <b>2022,</b> 1-32	
214	STRIDE: a command-line HMM-based identifier and sub-classifier of Plasmodium falciparum RIFIN and STEVOR variant surface antigen families.. <b>2022,</b> 23, 15	0
213	New insights of falcipain 2 structure from Plasmodium falciparum 3D7 strain.. <b>2021,</b> 590, 145-151	0
212	Population-level genome-wide STR discovery and validation for population structure and genetic diversity assessment of Plasmodium species.. <b>2022,</b> 18, e1009604	1
211	Synthesis and antiplasmodial assessment of nitazoxanide and analogs as new antimalarial candidates.. <b>2022,</b> 31, 1-10	0
210	Cellular and Molecular Interactions of Plasmodium with Mosquito Vectors. <b>2022,</b> 283-329	
209	A single full-length VAR2CSA ectodomain variant purifies broadly neutralizing antibodies against placental malaria isolates.. <b>2022,</b> 11,	2
208	Enzymatic and structural characterization of HAD5, an essential phosphomannomutase of malaria-causing parasites.. <b>2021,</b> 101550	0
207	Structure and function of an atypical homodimeric actin capping protein from the malaria parasite.. <b>2022,</b> 79, 125	
206	Analysis of sex-specific lipid metabolism of P. falciparum points to importance of sphingomyelin for gametocytogenesis. <b>2021,</b>	2
205	Role of PfGCN5 in nutrient sensing and transcriptional regulation in. <b>2020,</b> 45,	1
204	Marine Protists: A Hitchhiker's Guide to their Role in the Marine Microbiome. <b>2022,</b> 159-241	0
203	Identification of CCp5 and FNPA as Novel Non-canonical Members of the CCp Protein Family in .. <b>2022,</b> 9, 833183	0
202	A nepenthesin insert allosterically controls catalysis in the malaria parasite protease plasmepsin V.	
201	Transporter-Mediated Solutes Uptake as Drug Target in .. <b>2022,</b> 13, 845841	0
200	5-methylcytosine modification by NSUN2 stabilizes mRNA and mediates the development of gametocytes.. <b>2022,</b> 119,	0
199	A myxozoan genome reveals mosaic evolution in a parasitic cnidarian.. <b>2022,</b> 20, 51	1

- 198 Identifying targets of protective antibodies against severe malaria in Papua, Indonesia using locally expressed domains of Erythrocyte Membrane Protein 1. **2021**, IAI0043521 ○
- 197 Influence of  $\beta$ Macroglobulin, Anti-Parasite IgM and ABO Blood Group on Rosetting in Clinical Isolates and Their Associations with Disease Severity in a Ghanaian Population.. **2022**, 13, 151-164
- 196 Shared Mechanisms for Mutually Exclusive Expression and Antigenic Variation by Protozoan Parasites.. **2022**, 10, 852239 ○
- 195 Repurposing of mitochondria-targeted tamoxifen: Novel anti-cancer drug exhibits potent activity against major protozoan and fungal pathogens.
- 194 Novel Highlight in Malarial Drug Discovery: Aspartate Transcarbamoylase.. **2022**, 12, 841833
- 193 A comprehensive study of epitopes and immune reactivity among Plasmodium species.. **2022**, 22, 74 ○
- 192 Comparative analysis of the kinomes of Plasmodium falciparum, Plasmodium vivax and their host Homo sapiens.. **2022**, 23, 237 1
- 191 Metabolic changes accompanying the loss of fumarate hydratase and malate-quinone oxidoreductase in the asexual blood stage of Plasmodium falciparum.. **2022**, 101897 1
- 190 Histone Modification Landscapes as a Roadmap for Malaria Parasite Development.. **2022**, 10, 848797 ○
- 189 Functional control of a 0.5 MDa TET aminopeptidase by a flexible loop revealed by MAS NMR.. **2022**, 13, 1927 ○
- 188 Sources of transcription variation in Plasmodium falciparum.. **2022**, ○
- 187 Exploring potential of RUVBL proteins as anti-malarial drug target. **2021**, 1-17 ○
- 186 DNA replication dynamics during erythrocytic schizogony in the malaria parasites Plasmodium falciparum and Plasmodium knowlesi. ○
- 185 Review of the Current Landscape of the Potential of Nanotechnology for Future Malaria Diagnosis, Treatment, and Vaccination Strategies.. **2021**, 13, 1 1
- 184 Telomerase ribonucleoprotein and genome integrity-An emerging connection in protozoan parasites.. **2021**, e1710 ○
- 183 Variable oxygen environments and DNMT2 determine the DNA cytosine epigenetic landscape of Plasmodium falciparum.
- 182 Merozoite Proteins Discovered by qRT-PCR-Based Transcriptome Screening of .. **2021**, 11, 777955
- 181 PMRT1, a Plasmodium specific parasite plasma membrane transporter is essential for asexual and sexual blood stage development.

- 180 PMRT1, a -Specific Parasite Plasma Membrane Transporter, Is Essential for Asexual and Sexual Blood Stage Development.. **2022**, e0062322 0
- 179 Copper Metabolism in and Its Deadly Relative .. **2022**, 10, 853463 0
- 178 Whole Genome Sequencing Contributions and Challenges in Disease Reduction Focused on Malaria.. **2022**, 11, 1
- 177 A Rapid and Specific Genotyping Platform for Plasmodium falciparum Chloroquine Resistance via Allele-Specific PCR with a Lateral Flow Assay.. **2022**, e0271921 1
- 176 The Putative Bromodomain Protein PfBDP7 of the Human Malaria Parasite Cooperates With PfBDP1 in the Silencing of Variant Surface Antigen Expression.. **2022**, 10, 816558 0
- 175 TE Density: a tool to investigate the biology of transposable elements.. **2022**, 13, 11
- 174 A G-Protein-Coupled Receptor Modulates Gametogenesis via PKG-Mediated Signaling Cascade in Plasmodium berghei.. **2022**, e0015022 1
- 173 Cerebral Malaria: Current Clinical and Immunological Aspects.. **2022**, 13, 863568 1
- 172 Chapter 13. DNA Replication in the Human Malaria Parasite and Potential for Novel Drug Development. 363-392
- 171 The Apicoplast. **2007**, 475-505
- 170 Data\_Sheet\_1.docx. **2019**,
- 169 Data\_Sheet\_2.zip. **2019**,
- 168 Presentation\_1.zip. **2020**,
- 167 image\_1.PDF. **2018**,
- 166 image\_2.PDF. **2018**,
- 165 image\_3.PDF. **2018**,
- 164 table\_1.PDF. **2018**,
- 163 Image\_1.tif. **2020**,

162 Image\_2.TIF. 2020,

161 Image\_3.TIF. 2020,

160 Image\_1.TIFF. 2018,

159 Image\_2.TIFF. 2018,

158 Image\_3.TIFF. 2018,

157 Image\_4.TIFF. 2018,

156 Table\_1.XLSX. 2018,

155 Table\_2.DOCX. 2018,

154 Data\_Sheet\_1.pdf. 2018,

153 Image\_1.pdf. 2018,

152 Table\_1.XLSX. 2018,

151 Table\_2.XLSX. 2018,

150 Table\_3.pdf. 2018,

149 Table\_4.pdf. 2018,

148 Table\_5.pdf. 2018,

147 Table\_6.pdf. 2018,

146 Data\_Sheet\_1.PDF. 2019,

145 Table\_1.DOC. 2019,



144 Table\_1.docx. **2018,**

143 Image\_1.tif. **2020,**

142 Table\_1.xlsx. **2020,**

141 Data\_Sheet\_1.pdf. **2020,**

140 Data\_Sheet\_1.docx. **2018,**

139 Leveraging genome editing to functionally evaluate Plasmodium diversity.. **2022,**

0

138 Inhibition of Plasmodium falciparum phenylalanine tRNA synthetase provides opportunity for antimalarial drug development.. **2022,**

0

137 Apicoplast Dynamics During Cell Cycle.. **2022, 12, 864819**

1

136 Discovery of two distinct aminoacyl-tRNA synthetase complexes anchored to the Plasmodium surface tRNA import protein.. **2022, 101987**

0

135 Antimalarial Drug Strategies to Target Plasmodium Gametocytes. **2022, 2, 101-124**

0

134 Immunogenicity Analysis of the Recombinant Plasmodium falciparum Surface-Related Antigen in Mice. **2022, 11, 550**

133 Editorial: Identification and Characterization of Novel Antigens of Malarial Parasites. **2022, 12,**

132 Understanding the ecological roles of dictyostelid social amoebae for a sustainable future. **2022, 275-300**

131 A single amino acid substitution alters activity and specificity in Plasmodium falciparum aspartyl & asparaginyl-tRNA synthetases. **2022, 111488**

0

130 Investigation of the Genome Sizes and Ploidy Within the Genus Monocercomonoides.

129 Decoding The Nuclear Genome of The Human Pathogen Babesia duncani Shed Light on its Virulence, Drug Susceptibility and Evolution among Apicomplexa.

128 Characterising genome architectures using genome decomposition analysis. **2022, 23,**

0

127 The Plasmodium falciparum CCCH Zinc Finger Protein ZNF4 Plays an Important Role in Gametocyte Exflagellation through the Regulation of Male Enriched Transcripts. **2022, 11, 1666**

1

- 126 N-Acetylation of secreted proteins is widespread in Apicomplexa and independent of acetyl-CoA ER-transporter AT1. 1
- 125 De Novo Assembly of Plasmodium knowlesi Genomes From Clinical Samples Explains the Counterintuitive Intrachromosomal Organization of Variant SICAvAr and kir Multiple Gene Family Members. 13, 0
- 124 Mitochondrially targeted proximity biotinylation and proteomic analysis in Plasmodium falciparum. 0
- 123 The evolution of pre-mRNA splicing and its machinery revealed by reduced extremophilic red algae. 0
- 122 Not all Is SET for Methylation: Evolution of Eukaryotic Protein Methyltransferases. **2022**, 3-40
- 121 An In Silico Study of the Interactions of Alkaloids from *Cryptolepis sanguinolenta* with Plasmodium falciparum Dihydrofolate Reductase and Dihydroorotate Dehydrogenase. **2022**, 2022, 1-26 3
- 120 Limited genetic diversity and expression profile of Plasmodium falciparum haem detoxification protein: a possible diagnostic target. 0
- 119 Chromatin structure can introduce systematic biases in genome-wide analyses of Plasmodium falciparum. 2, 75
- 118 Systems biology of malaria explored with nonhuman primates. **2022**, 21, 0
- 117 Heterologous Expression and Evaluation of Novel Plasmodium falciparum Transmission Blocking Vaccine Candidates. 13, 0
- 116 DNA replication dynamics during erythrocytic schizogony in the malaria parasites Plasmodium falciparum and Plasmodium knowlesi. **2022**, 18, e1010595 1
- 115 Denaturation resistant P2 tetramer imports fatty acids from human serum into intraerythrocytic Plasmodium falciparum.
- 114 Single- and duplex TaqMan-quantitative PCR for determining the copy numbers of integrated selection markers during site-specific mutagenesis in *Toxoplasma gondii* by CRISPR-Cas9.
- 113 Paving the Way: Contributions of Big Data to Apicomplexan and Kinetoplastid Research. 12,
- 112 Identification of the Bartonella autotransporter CFA as a protective antigen and hypervariable target of neutralizing antibodies in mice. **2022**, 119, 0
- 111 How can we resolve Lewontin's Paradox?. 0
- 110 Validation of anti-malarial leads from natural products and traditional medicine for treatment of malaria. **2022**, 389-406
- 109 Neutral vs. non-neutral genetic footprints of Plasmodium falciparum multiclonal infections.

- 108 Complete Genomes of *Theileria orientalis* Chitose and Buffeli Genotypes Reveal within Species Translocations and Differences in ABC Transporter Content. **2022**, 11, 801 0
- 107 Plasmodium 6-Cysteine Proteins: Functional Diversity, Transmission-Blocking Antibodies and Structural Scaffolds. 12, 1
- 106 Emerging biology of noncoding RNAs in malaria parasites. **2022**, 18, e1010600 0
- 105 Replication origin mapping in the malaria parasite *Plasmodium falciparum*. 0
- 104 Repurposing of MitoTam: Novel Anti-Cancer Drug Candidate Exhibits Potent Activity against Major Protozoan and Fungal Pathogens. 0
- 103 A transcription factor helps *Plasmodium falciparum* gametocytogenesis take shape. **2022**, 0
- 102 Cohesin is involved in transcriptional repression of stage-specific genes in the human malaria parasite. 0
- 101 *Ganoderma lucidum*: Unutilized natural medicine and promising future solution to emerging diseases in Africa. 13, 1
- 100 Chronology of Drug Development for Malaria. **2022**, 1-23
- 99 Scientific Challenges and Treatment Opportunities in the Face of Shifting Malaria Epidemiology. **2022**, 25-44
- 98 The nepenthesis insert in the *Plasmodium falciparum* aspartic protease plasmepsin V is necessary for enzyme function. **2022**, 102355
- 97 Ecology drives the observed spectrum of hydrophobin protein diversity across Kingdom Fungi. 0
- 96 A GPU-accelerated compute framework for pathogen genomic variant identification to aid genomic epidemiology of infectious disease: a malaria case study. 0
- 95 Why is *Babesia* not killed by artemisinin like *Plasmodium*?. 0
- 94 Substrate Peptidomimetic Inhibitors of *P. falciparum* Plasmepsin X with Potent Antimalarial Activity. 2
- 93 Phylogenetic analyses of the mitochondrial, plastid, and nuclear genes of *Babesia* sp. Mymensingh and its naming as *Babesia naoakii* n. sp.. **2022**, 15, 0
- 92 Genetic Manipulation Toolkits in Apicomplexan Parasites. **2022**, 2, 0
- 91 Mitochondrially targeted proximity biotinylation and proteomic analysis in *Plasmodium falciparum*. **2022**, 17, e0273357

- 90 Development of Dicationic Bisguanidine-Arylfuran Derivatives as Potent Agents against Gram-Negative Bacteria. **2022**, 11, 1115 2
- 89 Parasite OMICS, the grand challenges ahead. 1,
- 88 Plasmodium falciparum Nicotinamidase as A Novel Antimalarial Target. **2022**, 12, 1109
- 87 Plasmodium falciparum importation does not sustain malaria transmission in a semi-arid region of Kenya. **2022**, 2, e0000807
- 86 Aminoacyl- tRNA Synthetases as Malarial Drug Targets: A Structural Biology Perspective. **2022**, 187-211
- 85 Refolding and characterization of a diabody against Pfs25, a vaccine candidate of Plasmodium falciparum. **2022**, 655, 114830 ○
- 84 Bayesian estimation of community size and overlap from random subsamples. **2022**, 18, e1010451 ○
- 83 Decrypting the complexity of the human malaria parasite biology through systems biology approaches. 2, ○
- 82 Beyond splicing: serine-arginine proteins as emerging multifaceted regulators of RNA metabolism in malaria parasites. **2022**, 70, 102201 ○
- 81 Post-transcriptional regulation of gene expression in human malaria parasite Plasmodium falciparum. **2022**, 309-327 ○
- 80 Expression of Single-Domain Soluble and Disulfide-Folded PfEMP1 Antigens in the Escherichia coli SHuffle Expression System. **2022**, 273-282 ○
- 79 Selecting Plasmodium falciparum Infected Erythrocytes for Adhesion to Cell Lines. **2022**, 91-100 ○
- 78 Parasitic Genomics. **2022**, 31-37 ○
- 77 Expression of Large Full-Length PfEMP1 Proteins in HEK293 Cells. **2022**, 283-298 1
- 76 Extraction and Immunoprecipitation of VAR2CSA, the PfEMP1 Associated with Placental Malaria. **2022**, 257-271 ○
- 75 Analysis of var Gene Transcription Pattern Using DBL-Tags. **2022**, 173-184 ○
- 74 Plasmodium falciparum serology: A comparison of two protein production methods for analysis of antibody responses by protein microarray. **2022**, 17, e0273106 ○
- 73 Development and Optimization of a Selective Whole-Genome Amplification To Study Plasmodium ovale Spp.. ○

- 72 Single- and duplex TaqMan-quantitative PCR for determining the copy numbers of integrated selection markers during site-specific mutagenesis in *Toxoplasma gondii* by CRISPR-Cas9. **2022**, 17, e0271011 ○
- 71 Population genomics in neglected malaria parasites. 13, ○
- 70 Chromatin structure can introduce systematic biases in genome-wide analyses of *Plasmodium falciparum*. 2, 75 ○
- 69 The in vivo RNA structurome of the malaria parasite *Plasmodium falciparum*, a protozoan with an A/U-rich transcriptome. **2022**, 17, e0270863 ○
- 68 The structure of a *Plasmodium vivax* Tryptophan Rich Antigen suggests a lipid binding function for a pan-*Plasmodium* multi-gene family. ○
- 67 Cation ATPase (ATP4) Orthologue Replacement in the Malaria Parasite *Plasmodium knowlesi* Reveals Species-Specific Responses to ATP4-Targeting Drugs. 1
- 66 A novel deep learning-assisted hybrid network for *plasmodium falciparum* parasite mitochondrial proteins classification. **2022**, 17, e0275195 ○
- 65 Discovery of Small-Molecule Allosteric Inhibitors of PfATC as Antimalarials. ○
- 64 Repurposing of *Plasmodium falciparum* var genes beyond the blood stage. **2022**, 70, 102207 ○
- 63 Genomic approaches for monitoring transmission dynamics of malaria: A case for malaria molecular surveillance in Sub-Saharan Africa. 2, ○
- 62 Stereo electronic principles for selecting fully-protective, chemically-synthesised malaria vaccines. 13, ○
- 61 Genome-wide functional screening of drug-resistance genes in *Plasmodium falciparum*. **2022**, 13, ○
- 60 Population genomic evidence of adaptive response during the invasion history of *Plasmodium falciparum* in the Americas. ○
- 59 Identifying the best PCR enzyme for library amplification in NGS. ○
- 58 New targets for antimalarial drug discovery. **2022**, 70, 102220 ○
- 57 Role of gene sequencing in the diagnosis, tracking and prevention of parasitic diseases [A brief review. **2022**, 24, 32 ○
- 56 Application of Machine and Deep Learning Algorithms in Optical Microscopic Detection of *Plasmodium* Parasites: A Malaria Diagnostic Tool for the Future. **2022**, 103198 ○
- 55 Transcriptomic complexity of the human malaria parasite *Plasmodium falciparum* revealed by long-read sequencing. **2022**, 17, e0276956 ○

- 54 Creation and preclinical evaluation of genetically attenuated malaria parasites arresting growth late in the liver. **2022**, 7, ○
- 53 Discovery of RUF6 ncRNA interacting proteins involved in *P. falciparum* immune evasion. **2023**, 6, e202201577 ○
- 52 Combining IP3 affinity chromatography and bioinformatics reveals a novel protein-IP3 binding site on *Plasmodium falciparum* MDR1 transporter. **2023**, 4, 100179 ○
- 51 Measurably recombining malaria parasites. **2023**, 39, 17-25 ○
- 50 Molecular Docking and QSAR Study of Chalcone and Pyrimidine Derivatives as Potent Anti-Malarial Agents against *Plasmodium falciparum*. 85, 23-34 ○
- 49 CD36 Host Receptor Necessary for Malaria Parasites to Establish and Maintain Infection. **2022**, 10, 2356 1
- 48 Identifying the best PCR enzyme for library amplification in NGS. ○
- 47 In vitro production of infectious *Plasmodium falciparum* sporozoites. **2022**, 612, 534-539 ○
- 46 Patterns of Heterochromatin Transitions Linked to Changes in the Expression of *Plasmodium falciparum* Clonally Variant Genes. ○
- 45 Detection of Antimalarial Resistance-Associated Mutations in *Plasmodium falciparum* via a Platform of Allele-Specific PCR Combined with a Gold Nanoparticle-Based Lateral Flow Assay. **2022**, 10, ○
- 44 A non-canonical sensing pathway mediates *Plasmodium* adaptation to AA deficiency. ○
- 43 Development of Mitochondria Targeting AIE-Active Cyclometalated Iridium Complexes as Potent Antimalarial Agents. 2202411 ○
- 42 The exception that proves the rule: Virulence gene expression at the onset of *Plasmodium falciparum* blood stage infections. ○
- 41 New variant/ subspecies of *Plasmodium* in Northeastern India. **2022**, ○
- 40 Non-allelic homologous recombination driven translocation explains histidine-rich protein 3 deletion mechanism in *Plasmodium falciparum*. ○
- 39 Detection of positive selection acting on protein surfaces at the whole-genome scale in the human malaria parasite *Plasmodium falciparum*. **2022**, 105397 ○
- 38 Long-Read Genome Assembly and Gene Model Annotations for the Rodent Malaria Parasite *Plasmodium yoelii* 17XNL. ○
- 37 Neutral vs. non-neutral genetic footprints of *Plasmodium falciparum* multiclonal infections. **2023**, 19, e1010816 ○

- 36 Protein KIC5 is a novel regulator of artemisinin stress response in the malaria parasite *Plasmodium falciparum*. **2023**, 13,
- 35 Unravelling var complexity: Relationship between DBL $\alpha$  types and var genes in *Plasmodium falciparum*. 1,
- 34 A rising tide of parasite transcriptomics propels pathogen biology. **2023**, 21, e3001997
- 33 CRISPR-Cas13 in malaria parasite: Diagnosis and prospective gene function identification. 14,
- 32 DNA sequence context and the chromatin landscape differentiate sequence-specific transcription factor binding in the human malaria parasite, *Plasmodium falciparum*.
- 31 Protein repeats evolve and emerge in giant viruses. **2023**, 215, 107962
- 30 Systems vaccinology for the design of rational vaccines against protozoan parasites. **2022**, 297-334
- 29 Direct Tests of Cytochrome Function in the Electron Transport Chain of Malaria Parasites.
- 28 Breadth of Antibodies to *Plasmodium falciparum* Variant Surface Antigens Is Associated With Immunity in a Controlled Human Malaria Infection Study. 13,
- 27 Tentative indicators of malaria in archaeological skeletal samples, a pilot study testing different methods. **2023**, 40, 109-116
- 26 New *Dielis* species and structural dichotomy of the mitochondrial *cox2* gene in Scoliidae wasps. **2023**, 13,
- 25 A Review of Major Patents on Potential Malaria Vaccine Targets. **2023**, 12, 247
- 24 Flexible and cost-effective genomic surveillance of *P. falciparum* malaria with targeted nanopore sequencing.
- 23 Function and regulation of cGAS-STING signaling in infectious diseases. 14,
- 22 Malaria Vaccines. **2023**, 123-154
- 21 An Optimized GATK4 Pipeline for *Plasmodium falciparum* Whole Genome Sequencing Variant Calling and Analysis.
- 20 A non-canonical sensing pathway mediates *Plasmodium* adaptation to amino acid deficiency. **2023**, 6,
- 19 Gene conversion drives allelic dimorphism in two paralogous surface antigens of the malaria parasite *P. falciparum*.

- 18 Tracking the intensity of the mechanism to produce antigenic diversity by subtelomeric ectopic recombination across the phylogeny of *Plasmodium* parasites. ○
- 17 Structure-based scoring of anthocyanins and molecular modeling of PFLDH, PFDHODH, and PFDHFR reveal novel potential *P. falciparum* inhibitors. **2023**, 38, 101206 ○
- 16 A unique symbiosome in an anaerobic single-celled eukaryote. ○
- 15 A metagenomic analysis of the phase 2 *Anopheles gambiae* 1000 genomes dataset reveals a wide diversity of cobionts associated with field collected mosquitoes. ○
- 14 A new *Plasmodium vivax* reference genome for South American isolates. ○
- 13 Marine organisms as natural drug leads in combating vector-borne diseases. **2023**, 171-199 ○
- 12 Genomic adaptation underlies nutrient-driven reprogramming in the malaria-causing parasite. ○
- 11 Erythrocyte miRNA-92a-3p interactions with PfEMP1 as determinants of clinical malaria. **2023**, 23, ○
- 10 In silico modeling revealed phytomolecules derived from *Cymbopogon citratus* (DC.) leaf extract as promising candidates for malaria therapy. 1-18 ○
- 9 Large DNA fragment knock-in and sequential gene editing in *Plasmodium falciparum*: a preliminary study using suicide-rescue-based CRISPR/Cas9 system. ○
- 8 Comparison of molecular surveillance methods to assess changes in the population genetics of *Plasmodium falciparum* in high transmission. 2, ○
- 7 *Plasmodium* Parasite Malate-Quinone Oxidoreductase Functionally Complements a Yeast Deletion Mutant of Mitochondrial Malate Dehydrogenase. ○
- 6 Ribosome heterogeneity and specialization of *Plasmodium* parasites. **2023**, 19, e1011267 ○
- 5 *Babesia duncani* multi-omics identifies virulence factors and drug targets. ○
- 4 Characterization of a novel *Plasmodium falciparum* merozoite surface antigen and potential vaccine target. 14, ○
- 3 *Plasmodium falciparum* contains functional SCF and CRL4 ubiquitin E3 ligases, and CRL4 is critical for cell division and membrane integrity. ○
- 2 Analysis of genome instability and implications for the consequent phenotype in *Plasmodium falciparum* containing mutated MSH2-1 (P513T). **2023**, 9, ○
- 1 Heat-shock responses: systemic and essential ways of malaria parasite survival. **2023**, 73, 102322 ○



