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The genome of the blood fluke Schistosoma mansoni

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888	Advances in mRNA silencing and transgene expression: a gateway to functional genomics in schistosomes. <b>2010</b> , 26, 261-80		10
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## (2010-2010)

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883	Schistosoma mansoni: signal transduction processes during the development of the reproductive organs. <b>2010</b> , 137, 497-520	74
882	Gastropod immunobiology. <b>2010</b> , 708, 17-43	60
881	Vector-based RNA interference of cathepsin B1 in Schistosoma mansoni. <b>2010</b> , 67, 3739-48	40
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879	Molecular characterizations of an inhibitor of apoptosis from Schistosoma japonicum. <b>2010</b> , 106, 967-76	19
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872	Transduction of Schistosoma japonicum schistosomules with vesicular stomatitis virus glycoprotein pseudotyped murine leukemia retrovirus and expression of reporter human telomerase reverse transcriptase in the transgenic schistosomes. <b>2010</b> , 174, 109-16	26
871	Schistosome genomes: a wealth of information. <b>2010</b> , 26, 103-6	25
870	Applications for profiling the schistosome transcriptome. <b>2010</b> , 26, 434-9	9
869	Cathepsin B proteases of flukes: the key to facilitating parasite control?. <b>2010</b> , 26, 506-14	55
868	Survey of transcripts expressed by the invasive juvenile stage of the liver fluke Fasciola hepatica. <b>2010</b> , 11, 227	48
867	Thioredoxin and glutathione systems differ in parasitic and free-living platyhelminths. <b>2010</b> , 11, 237	32

866	Whole-genome in-silico subtractive hybridization (WISH)using massive sequencing for the identification of unique and repetitive sex-specific sequences: the example of Schistosoma mansoni. <b>2010</b> , 11, 387	21
865	Rapid induction of IgE responses to a worm cysteine protease during murine pre-patent schistosome infection. <b>2010</b> , 11, 56	28
864	Visualizing the drug target landscape. <b>2010</b> , 15, 3-15	45
863	Elucidating the transcriptome of Fasciola hepatica - a key to fundamental and biotechnological discoveries for a neglected parasite. <b>2010</b> , 28, 222-31	102
862	Progress on the transcriptomics of carcinogenic liver flukes of humansunique biological and biotechnological prospects. <b>2010</b> , 28, 859-70	22
861	The identification of inhibitors of Schistosoma mansoni miracidial transformation by incorporating a medium-throughput small-molecule screen. <b>2010</b> , 125, 84-94	32
860	Schistosoma mansoni Annexin 2: molecular characterization and immunolocalization. <b>2010</b> , 126, 146-55	32
859	Schistosoma haematobium: identification of new estrogenic molecules with estradiol antagonistic activity and ability to inactivate estrogen receptor in mammalian cells. <b>2010</b> , 126, 526-35	29
858	Exposed proteins of the Schistosoma japonicum tegument. <b>2010</b> , 40, 543-54	118
857	A comparative proteomic study of the undeveloped and developed Schistosoma mansoni egg and its contents: the miracidium, hatch fluid and secretions. <b>2010</b> , 40, 617-28	98
856	Bursts of transposition from non-long terminal repeat retrotransposon families of the RTE clade in Schistosoma mansoni. <b>2010</b> , 40, 743-9	14
855	Imatinib has a fatal impact on morphology, pairing stability and survival of adult Schistosoma mansoni in vitro. <b>2010</b> , 40, 521-6	71
854	Growth factors and chemotactic factors from parasitic helminths: molecular evidence for roles in host-parasite interactions versus parasite development. <b>2010</b> , 40, 761-73	12
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852	Schistosoma mansoni Polo-like kinase 1: A mitotic kinase with key functions in parasite reproduction. <b>2010</b> , 40, 1075-86	38
851	Histamine signalling in Schistosoma mansoni: immunolocalisation and characterisation of a new histamine-responsive receptor (SmGPR-2). <b>2010</b> , 40, 1395-406	33
850	Cell cultures for schistosomes - Chances of success or wishful thinking?. <b>2010</b> , 40, 991-1002	12
849	A glycine residue essential for high ivermectin sensitivity in Cys-loop ion channel receptors. <b>2010</b> , 40, 1477-81	53

## (2010-2010)

848	The making of hemidesmosome structures in vivo. <b>2010</b> , 239, 1465-76	51
847	Parasite annexinsnew molecules with potential for drug and vaccine development. <b>2010</b> , 32, 967-76	31
846	Probing the probes: fitness factors for small molecule tools. <b>2010</b> , 17, 561-77	198
845	Characterization of the astacin family of metalloproteases in C. elegans. <b>2010</b> , 10, 14	30
844	Sm-p80-based DNA vaccine made in a human use approved vector VR1020 protects against challenge infection with Schistosoma mansoni in mouse. <b>2010</b> , 32, 252-8	21
843	Host and parasite genomics, an Australasian perspective. <b>2010</b> , 32, 599-606	1
842	Intronic hammerhead ribozymes are ultraconserved in the human genome. <b>2010</b> , 11, 711-6	65
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840	The contributions of the Genome Project to the study of schistosomiasis. <b>2010</b> , 105, 367-9	4
839	Effects of Korean Red Ginseng on Dry Mouth: A Randomized, Double-Blind, Placebo-Controlled Trial. <b>2010</b> , 34, 183-191	13
838	Schistosomiasis in the People® Republic of China: the era of the Three Gorges Dam. 2010, 23, 442-66	167
837	In vitro and in vivo trematode models for chemotherapeutic studies. <b>2010</b> , 137, 589-603	119
836	Protein variation in blood-dwelling schistosome worms generated by differential splicing of micro-exon gene transcripts. <b>2010</b> , 20, 1112-21	74
835	A functional genomic screen in planarians identifies novel regulators of germ cell development. <b>2010</b> , 24, 2081-92	81
834	"Manifesto" for advancing the control and elimination of neglected tropical diseases. 2010, 4, e718	90
833	Long-term genetic stability and population dynamics of laboratory strains of Schistosoma mansoni. <b>2010</b> , 96, 900-7	15
832	Complete functional segregation of planarian beta-catenin-1 and -2 in mediating Wnt signaling and cell adhesion. <b>2010</b> , 285, 24120-30	31
831	Analyses of an expressed sequence tag library from Taenia solium, Cysticerca. <b>2010</b> , 4, e919	12

830	Transcriptional changes in Schistosoma mansoni during early schistosomula development and in the presence of erythrocytes. <b>2010</b> , 4, e600	63
829	Genome-wide analyses reveal a role for peptide hormones in planarian germline development. <b>2010</b> , 8, e1000509	183
828	Phylogenomics of ligand-gated ion channels predicts monepantel effect. <b>2010</b> , 6, e1001091	50
827	Electroporation facilitates introduction of reporter transgenes and virions into schistosome eggs. <b>2010</b> , 4, e593	33
826	Suppression of mRNAs encoding tegument tetraspanins from Schistosoma mansoni results in impaired tegument turnover. <b>2010</b> , 6, e1000840	98
825	Identification of attractive drug targets in neglected-disease pathogens using an in silico approach. <b>2010</b> , 4, e804	123
824	The Syk kinase SmTK4 of Schistosoma mansoni is involved in the regulation of spermatogenesis and oogenesis. <b>2010</b> , 6, e1000769	7 <sup>2</sup>
823	Development and validation of a quantitative, high-throughput, fluorescent-based bioassay to detect schistosoma viability. <b>2010</b> , 4, e759	85
822	Suppressing glucose transporter gene expression in schistosomes impairs parasite feeding and decreases survival in the mammalian host. <b>2010</b> , 6, e1000932	65
821	Promoter complexity and tissue-specific expression of stress response components in Mytilus galloprovincialis, a sessile marine invertebrate species. <b>2010</b> , 6, e1000847	9
820	An "in-depth" description of the small non-coding RNA population of Schistosoma japonicum schistosomulum. <b>2010</b> , 4, e596	61
819	A cytochrome b561 with ferric reductase activity from the parasitic blood fluke, Schistosoma japonicum. <b>2010</b> , 4, e884	7
818	Serodiagnosis of Echinococcus spp. infection: explorative selection of diagnostic antigens by peptide microarray. <b>2010</b> , 4, e771	50
817	RNA interference in Schistosoma mansoni schistosomula: selectivity, sensitivity and operation for larger-scale screening. <b>2010</b> , 4, e850	95
816	Mass spectrometric identification of aberrantly glycosylated human apolipoprotein C-III peptides in urine from Schistosoma mansoni-infected individuals. <b>2010</b> , 9, 667-81	32
815	Description of Hymenolepis microstoma (Nottingham strain): a classical tapeworm model for research in the genomic era. <b>2010</b> , 3, 123	44
814	Unlocking the transcriptomes of two carcinogenic parasites, Clonorchis sinensis and Opisthorchis viverrini. <b>2010</b> , 4, e719	122
813	Schistosomiasis elimination: lessons from the past guide the future. <b>2010</b> , 10, 733-6	201

#### (2011-2010)

812	Investigating the evolution of apoptosis in malaria parasites: the importance of ecology. <b>2010</b> , 3, 105	24
811	Heme and blood-feeding parasites: friends or foes?. <b>2010</b> , 3, 108	72
810	Schistosomiasis vaccine discovery using immunomics. <b>2010</b> , 3, 4	52
809	Blunting the knife: development of vaccines targeting digestive proteases of blood-feeding helminth parasites. <b>2010</b> , 391, 901-11	23
808	Structural characterization of glycans on omega-1, a major Schistosoma mansoni egg glycoprotein that drives Th2 responses. <b>2010</b> , 9, 2630-42	42
807	Glycan gimmickry by parasitic helminths: a strategy for modulating the host immune response?. <b>2010</b> , 20, 2-12	147
806	Our wormy world genomics, proteomics and transcriptomics in East and southeast Asia. <b>2010</b> , 73, 327-71	18
805	Control of important helminthic infections vaccine development as part of the solution. <b>2010</b> , 73, 297-326	17
804	Important helminth infections in Southeast Asia diversity, potential for control and prospects for elimination. <b>2010</b> , 72, 1-30	66
803	Infecciones por trematodos. <b>2010</b> , 10, 3717-3728	1
802	Neuronal signaling in schistosomes: current status and prospects for postgenomicsThe present review is one of a series of occasional review articles that have been invited by the Editors and will feature the broad range of disciplines and expertise represented in our Editorial Advisory Board	27
801	<b>2010</b> , 88, 1-22 Cloning and functional characterization of two calmodulin genes during larval development in the parasitic flatworm Schistosoma mansoni. <b>2011</b> , 97, 72-81	29
800	Fasciola hepatica and Schistosoma mansoni: identification of common proteins by comparative proteomic analysis. <b>2011</b> , 97, 852-61	21
799	Global health: the Fogarty International Center, National Institutes of Health: vision and mission, programs, and accomplishments. <b>2011</b> , 25, 511-36, vii	14
798	A portrait of the transcriptome of the neglected trematode, Fasciola giganticabiological and biotechnological implications. <b>2011</b> , 5, e1004	70
797	ABC transporters involved in drug resistance in human parasites. <b>2011</b> , 50, 121-44	26
796	Infectious Disease Genomics. <b>2011</b> , 249-261	

794	Biomphalaria Snails and Larval Trematodes. <b>2011</b> ,	11
793	TRP channels in parasites. <b>2011</b> , 704, 359-71	24
792	Progress in Parasitology. <b>2011</b> ,	7
791	The draft genome of the carcinogenic human liver fluke Clonorchis sinensis. <b>2011</b> , 12, R107	140
790	The head-regeneration transcriptome of the planarian Schmidtea mediterranea. <b>2011</b> , 12, R76	93
789	From innovation to application: social-ecological context, diagnostics, drugs and integrated control of schistosomiasis. <b>2011</b> , 120 Suppl 1, S121-37	169
788	Schistosoma mansoni antigen Sm-p80: Prophylactic efficacy of a vaccine formulated in human approved plasmid vector and adjuvant (VR 1020 and alum). <b>2011</b> , 118, 142-51	25
787	A dopamine beta hydroxylase from Chlamys farreri and its induced mRNA expression in the haemocytes after LPS stimulation. <b>2011</b> , 30, 154-62	25
786	Using RNA interference in Schistosoma mansoni. <b>2011</b> , 764, 223-39	21
785	Minimum information about a bioactive entity (MIABE). <b>2011</b> , 10, 661-9	69
784	Immunization with rP22 induces protective immunity against Schistosoma mansoni: effects on granuloma down-modulation and cytokine production. <b>2011</b> , 141, 123-33	14
783	Nuclear hormone receptors in parasitic helminths. <b>2011</b> , 334, 56-66	17
782	Role of antibodies in Sm-p80-mediated protection against Schistosoma mansoni challenge infection in murine and nonhuman primate models. <b>2011</b> , 29, 2262-71	29
781	Genome-wide identification of novel microRNAs and their target genes in the human parasite Schistosoma mansoni. <b>2011</b> , 98, 96-111	65
780	Curupira-1 and Curupira-2, two novel Mutator-like DNA transposons from the genomes of human parasites Schistosoma mansoni and Schistosoma japonicum. <b>2011</b> , 138, 1124-33	4
779	Establishing transgenic schistosomes. <b>2011</b> , 5, e1230	23
778	Chromatin regulation in schistosomes and histone modifying enzymes as drug targets. <b>2011</b> , 106, 794-801	20
777	Developmental Regulation of Genes Encoding Universal Stress Proteins in Schistosoma mansoni. <b>2011</b> , 5, 61-74	17

# (2011-2011)

776	Schistosome serine protease inhibitors: parasite defense or homeostasis?. <b>2011</b> , 83, 663-72	21
775	Evolutionary histories of expanded peptidase families in Schistosoma mansoni. <b>2011</b> , 106, 864-77	11
774	Characterization of the cGMP-dependent protein kinase SmcGK1 of Schistosoma mansoni. <b>2011</b> , 83, 637-48	14
773	Non-coding RNAs in schistosomes: an unexplored world. <b>2011</b> , 83, 673-94	22
772	Identification of Schistosoma mansoni candidate antigens for diagnosis of schistosomiasis. <b>2011</b> , 106, 837-43	15
771	Cross-disciplinary approaches for measuring parasitic helminth viability and phenotype. <b>2011</b> , 83, 649-62	20
77º	Functional Diversity of the Schistosoma mansoni Tyrosine Kinases. <b>2011</b> , 2011, 603290	18
769	Schistosomiasis. <b>2011</b> , 848-853	3
768	Gene expression patterns in larval Schistosoma mansoni associated with infection of the mammalian host. <b>2011</b> , 5, e1274	76
767	Identification of intracellular and plasma membrane calcium channel homologues in pathogenic parasites. <b>2011</b> , 6, e26218	83
766	Lack of global dosage compensation in Schistosoma mansoni, a female-heterogametic parasite. <b>2011</b> , 3, 230-5	59
765	Schistosomiasis: from drug deployment to drug development. <b>2011</b> , 24, 410-7	53
764	Acquired immune heterogeneity and its sources in human helminth infection. <b>2011</b> , 138, 139-59	46
763	Anthelmintic resistance: markers for resistance, or susceptibility?. <b>2011</b> , 138, 160-74	86
762	Screening trematodes for novel intervention targets: a proteomic and immunological comparison of Schistosoma haematobium, Schistosoma bovis and Echinostoma caproni. <b>2011</b> , 138, 1607-19	12
761	Vaccines to combat the neglected tropical diseases. <b>2011</b> , 239, 237-70	121
760	Functional analysis of novel aquaporins from Fasciola gigantica. <b>2011</b> , 175, 144-53	11
759	Developmental expression of high molecular weight tropomyosin isoforms in Mesocestoides corti. <b>2011</b> , 175, 181-91	13

758	Glutamate-mediated signaling in Schistosoma mansoni: a novel glutamate receptor is expressed in neurons and the female reproductive tract. <b>2011</b> , 176, 42-50	28
757	Quantitative retrotransposon anchored PCR confirms transduction efficiency of transgenes in adult Schistosoma mansoni. <b>2011</b> , 177, 70-6	20
756	A survey of schistosome protein domain types: insights into unique biological properties. <b>2011</b> , 177, 100-5	2
755	Whole mount in situ hybridization methodology for Schistosoma mansoni. <b>2011</b> , 178, 46-50	45
754	Enzymatic activity and immunolocalization of Schistosoma mansoni and Schistosoma haematobium neutral sphingomyelinase. <b>2011</b> , 178, 23-8	16
753	Insights into blood feeding by schistosomes from a proteomic analysis of worm vomitus. <b>2011</b> , 179, 18-29	64
75²	Piggy-backing the concept of cancer drugs for schistosomiasis treatment: a tangible perspective?. <b>2011</b> , 27, 59-66	60
75 <sup>1</sup>	Genome cartography: charting the apicomplexan genome. <b>2011</b> , 27, 345-54	29
750	Schistosoma comparative genomics: integrating genome structure, parasite biology and anthelmintic discovery. <b>2011</b> , 27, 555-64	26
749	MAKER2: an annotation pipeline and genome-database management tool for second-generation genome projects. <b>2011</b> , 12, 491	1008
748		
	Schistosoma mansoni U6 gene promoter-driven short hairpin RNA induces RNA interference in human fibrosarcoma cells and schistosomules. <b>2011</b> , 41, 783-9	26
747		26 7
747 746	human fibrosarcoma cells and schistosomules. <b>2011</b> , 41, 783-9  Recovery of primary sporocysts in vivo in the Schistosoma mansoni/Biomphalaria glabrata model	
	human fibrosarcoma cells and schistosomules. <b>2011</b> , 41, 783-9  Recovery of primary sporocysts in vivo in the Schistosoma mansoni/Biomphalaria glabrata model using a simple fixation method suitable for extraction of genomic DNA and RNA. <b>2011</b> , 129, 11-6  Schistosoma mansoni: molecular characterization of Alkaline Phosphatase and expression patterns	7
746	human fibrosarcoma cells and schistosomules. <b>2011</b> , 41, 783-9  Recovery of primary sporocysts in vivo in the Schistosoma mansoni/Biomphalaria glabrata model using a simple fixation method suitable for extraction of genomic DNA and RNA. <b>2011</b> , 129, 11-6  Schistosoma mansoni: molecular characterization of Alkaline Phosphatase and expression patterns across life cycle stages. <b>2011</b> , 129, 284-91  Echinococcus multilocularis: molecular characterization of EmSmadE, a novel BR-Smad involved in	7
746 745	human fibrosarcoma cells and schistosomules. <b>2011</b> , 41, 783-9  Recovery of primary sporocysts in vivo in the Schistosoma mansoni/Biomphalaria glabrata model using a simple fixation method suitable for extraction of genomic DNA and RNA. <b>2011</b> , 129, 11-6  Schistosoma mansoni: molecular characterization of Alkaline Phosphatase and expression patterns across life cycle stages. <b>2011</b> , 129, 284-91  Echinococcus multilocularis: molecular characterization of EmSmadE, a novel BR-Smad involved in TGF-Dand BMP signaling. <b>2011</b> , 129, 85-94	7 18 10
746 745 744	human fibrosarcoma cells and schistosomules. 2011, 41, 783-9  Recovery of primary sporocysts in vivo in the Schistosoma mansoni/Biomphalaria glabrata model using a simple fixation method suitable for extraction of genomic DNA and RNA. 2011, 129, 11-6  Schistosoma mansoni: molecular characterization of Alkaline Phosphatase and expression patterns across life cycle stages. 2011, 129, 284-91  Echinococcus multilocularis: molecular characterization of EmSmadE, a novel BR-Smad involved in TGF-Dand BMP signaling. 2011, 129, 85-94  Characterization and expression of a novel Frizzled 9 gene in Schistosoma japonicum. 2011, 11, 263-70  Microbial genomics and infectious diseases. 2011, 365, 347-57	7 18 10

#### (2011-2011)

740	RNAi silencing of calcium-regulated heat-stable protein of 24 kDa in Schistosoma japonicum affects parasite growth. <b>2011</b> , 108, 567-72	19
739	Molecular characterization of SUMO E2 conjugation enzyme: differential expression profile in Schistosoma mansoni. <b>2011</b> , 109, 1537-46	8
738	New insight into praziquantel against various developmental stages of schistosomes. <b>2011</b> , 109, 1501-7	40
737	Genomes and geography: genomic insights into the evolution and phylogeography of the genus Schistosoma. <b>2011</b> , 4, 131	55
736	Insights into the functional biology of schistosomes. <b>2011</b> , 4, 203	48
735	A role for p38 MAPK in the regulation of ciliary motion in a eukaryote. <b>2011</b> , 12, 6	38
734	Eukaryotic protein kinases (ePKs) of the helminth parasite Schistosoma mansoni. <b>2011</b> , 12, 215	58
733	Identification of Schistosoma mansoni microRNAs. <b>2011</b> , 12, 47	56
732	The repertoire of G protein-coupled receptors in the human parasite Schistosoma mansoni and the model organism Schmidtea mediterranea. <b>2011</b> , 12, 596	63
731	Signalling pathways and the host-parasite relationship: putative targets for control interventions against schistosomiasis: signalling pathways and future anti-schistosome therapies. <b>2011</b> , 33, 203-14	24
730	Gene structure and splicing in schistosomes. <b>2011</b> , 74, 1515-8	6
729	Proteomics of foodborne trematodes. <b>2011</b> , 74, 1485-503	35
728	Developing novel strategies to prevent parasitic infections. <b>2011</b> , 9, 783-5	1
727	Angiogenesis and parasitic helminth-associated neovascularization. <b>2011</b> , 138, 426-39	15
726	Schistosomiasis vaccines. <b>2011</b> , 7, 1192-7	55
725	Immunobiology of Biomphalariallrematode Interactions. <b>2011</b> , 159-189	7
724	Sex in Schistosomes 🗓 ignaling Mechanisms in the Female Gonads. 2011, 181-200	
723	Targeting molecular signaling pathways of Schistosoma haemotobium Infection in bladder cancer. <b>2011</b> , 2, 267-79	40

722	Overview of Neglected Tropical Diseases. <b>2011</b> , 1-46	2
721	Opposing roles of voltage-gated Ca2+ channels in neuronal control of regenerative patterning. <b>2011</b> , 31, 15983-95	39
720	Characterization of the Src/Abl hybrid kinase SmTK6 of Schistosoma mansoni. <b>2011</b> , 286, 42325-42336	35
719	Discovery and molecular characterization of a Bcl-2-regulated cell death pathway in schistosomes. <b>2011</b> , 108, 6999-7003	45
718	Vaccinomics for the major blood feeding helminths of humans. <b>2011</b> , 15, 567-77	39
717	Proteomic analysis of human skin treated with larval schistosome peptidases reveals distinct invasion strategies among species of blood flukes. <b>2011</b> , 5, e1337	25
716	Computational vaccinology: an important strategy to discover new potential S. mansoni vaccine candidates. <b>2011</b> , 2011, 503068	19
715	Gene Atlasing of digestive and reproductive tissues in Schistosoma mansoni. <b>2011</b> , 5, e1043	62
714	Characterization of the phytochelatin synthase of Schistosoma mansoni. <b>2011</b> , 5, e1168	31
713	Cytosine methylation regulates oviposition in the pathogenic blood fluke Schistosoma mansoni. <b>2011</b> , 2, 424	88
712	An atlas for Schistosoma mansoni organs and life-cycle stages using cell type-specific markers and confocal microscopy. <b>2011</b> , 5, e1009	92
711	Genetic manipulation of Schistosoma haematobium, the neglected schistosome. <b>2011</b> , 5, e1348	34
710	A global comparison of the human and T. brucei degradomes gives insights about possible parasite drug targets. <b>2012</b> , 6, e1942	2
709	Vasa-Like DEAD-Box RNA Helicases of Schistosoma mansoni. <b>2012</b> , 6, e1686	22
708	A research agenda for helminth diseases of humans: basic research and enabling technologies to support control and elimination of helminthiases. <b>2012</b> , 6, e1445	25
707	A novel G protein-coupled receptor of Schistosoma mansoni (SmGPR-3) is activated by dopamine and is widely expressed in the nervous system. <b>2012</b> , 6, e1523	31
706	A research agenda for helminth diseases of humans: the problem of helminthiases. <b>2012</b> , 6, e1582	199
705	Transcriptional analysis of a unique set of genes involved in Schistosoma mansoni female reproductive biology. <b>2012</b> , 6, e1907	22

#### (2012-2012)

704	A systematically improved high quality genome and transcriptome of the human blood fluke Schistosoma mansoni. <b>2012</b> , 6, e1455	306
703	Molecular changes in Opisthorchis viverrini (Southeast Asian liver fluke) during the transition from the juvenile to the adult stage. <b>2012</b> , 6, e1916	18
702	Schistosoma mansoni venom allergen like proteins present differential allergic responses in a murine model of airway inflammation. <b>2012</b> , 6, e1510	29
701	Identification and characterization of argonaute protein, Ago2 and its associated small RNAs in Schistosoma japonicum. <b>2012</b> , 6, e1745	19
700	Germline transgenesis and insertional mutagenesis in Schistosoma mansoni mediated by murine leukemia virus. <b>2012</b> , 8, e1002820	53
699	Fatty acid oxidation is essential for egg production by the parasitic flatworm Schistosoma mansoni. <b>2012</b> , 8, e1002996	38
698	Cell death and reproductive regression in female Schistosoma mansoni. <b>2012</b> , 6, e1509	38
697	The Schistosoma mansoni tegumental-allergen-like (TAL) protein family: influence of developmental expression on human IgE responses. <b>2012</b> , 6, e1593	55
696	Proteomics at the schistosome-mammalian host interface: any prospects for diagnostics or vaccines?. <b>2012</b> , 139, 1178-94	68
695	The Redox Biology of Schistosome Parasites and Applications for Drug Development. 2012,	3
694	Protein Kinases as Potential Targets for Novel Anti-Schistosomal Strategies. 2012,	5
693	Drug Target Exploitable Structural Features of Adenylyl Cyclase Activity in Schistosoma mansoni. <b>2012</b> , 6, 41-58	3
692	Schistosoma tegument proteins in vaccine and diagnosis development: an update. <b>2012</b> , 2012, 541268	34
691	Cephalopod genomics: A plan of strategies and organization. <b>2012</b> , 7, 175-88	40
690	Helminth parasite proteomics: from experimental models to human infections. <b>2012</b> , 139, 1195-204	11
689	Drug Discovery for Trematodiases: Challenges and Progress. <b>2012</b> , 323-339	1
688	Evolution of sex chromosomes ZW of Schistosoma mansoni inferred from chromosome paint and BAC mapping analyses. <b>2012</b> , 61, 684-9	10
687	A deep exploration of the transcriptome and "excretory/secretory" proteome of adult Fascioloides magna. <b>2012</b> , 11, 1340-53	26

686	Biochemical characterization and differential expression of a 16.5-kilodalton tegument-associated antigen from the liver fluke Fasciola hepatica. <b>2012</b> , 19, 325-33	19
685	Platyhelminth Venom Allergen-Like (VAL) proteins: revealing structural diversity, class-specific features and biological associations across the phylum. <b>2012</b> , 139, 1231-45	36
684	Immunomodulatory glycan LNFPIII alleviates hepatosteatosis and insulin resistance through direct and indirect control of metabolic pathways. <b>2012</b> , 18, 1665-72	93
683	Developments in RNA interference and genetic transformation to define gene function in parasitic helminths. <b>2012</b> , 139, 557-9	3
682	Schistosoma mansoni tetraspanning orphan receptor (SmTOR): a new vaccine candidate against schistosomiasis. <b>2012</b> , 170, 342-57	4
681	Artemis: an integrated platform for visualization and analysis of high-throughput sequence-based experimental data. <b>2012</b> , 28, 464-9	665
680	Chromatin structural changes around satellite repeats on the female sex chromosome in Schistosoma mansoni and their possible role in sex chromosome emergence. <b>2012</b> , 13, R14	26
679	Induction and regulation of pathogenic Th17 cell responses in schistosomiasis. <b>2012</b> , 34, 873-88	44
678	Pharmacology and potential physiological significance of schistosome multidrug resistance transporters. <b>2012</b> , 132, 2-6	29
677	Schistosoma mansoni: structural and biochemical characterization of two distinct Venus Kinase Receptors. <b>2012</b> , 132, 32-9	24
676	Exploring the Schistosoma mansoni adult male transcriptome using RNA-seq. 2012, 132, 22-31	28
675	Schistosoma mansoni: the egg, biosynthesis of the shell and interaction with the host. <b>2012</b> , 132, 7-13	32
674	Parasite neuropeptide biology: Seeding rational drug target selection?. <b>2012</b> , 2, 76-91	35
673	Proteomic profiling of the planarian Schmidtea mediterranea and its mucous reveals similarities with human secretions and those predicted for parasitic flatworms. <b>2012</b> , 11, 681-91	24
672	A "neural" enzyme in nonbilaterian animals and algae: preneural origins for peptidylglycine ⊞midating monooxygenase. <b>2012</b> , 29, 3095-109	30
671	Self/nonself recognition in Tuber melanosporum is not mediated by a heterokaryon incompatibility system. <b>2012</b> , 116, 261-75	28
670	Comparative transcriptome analysis between planarian Dugesia japonica and other platyhelminth species. <b>2012</b> , 13, 289	28
669	The Schistosoma mansoni phylome: using evolutionary genomics to gain insight into a parasite@ biology. <b>2012</b> , 13, 617	23

#### (2012-2012)

668	Molecular characterization and ligand binding specificity of the PDZ domain-containing protein GIPC3 from Schistosoma japonicum. <b>2012</b> , 5, 227	7
667	References. <b>2012</b> , 375-429	
666	Genetic manipulation of schistosomesprogress with integration competent vectors. <b>2012</b> , 139, 641-50	14
665	Ivermectin binding sites in human and invertebrate Cys-loop receptors. <b>2012</b> , 33, 432-41	61
664	Genome size estimation of liver fluke Opisthorchis viverrini by real-time polymerase chain reaction based method. <b>2012</b> , 61, 77-80	5
663	Virulence factors of schistosomes. <b>2012</b> , 14, 1442-50	32
662	Serine protease inhibitors of parasitic helminths. <b>2012</b> , 139, 681-95	66
661	The persistence of a silent memory. <b>2012</b> , 44, 118-9	
660	Paving the way for transgenic schistosomes. <b>2012</b> , 139, 651-68	23
659	Mefloquine interferes with glycolysis in schistosomula of Schistosoma mansoni via inhibition of enolase. <b>2012</b> , 139, 497-505	28
658	Whole-genome sequence of Schistosoma haematobium. <b>2012</b> , 44, 221-5	325
657	SchistoDB: an updated genome resource for the three key schistosomes of humans. <b>2013</b> , 41, D728-31	41
656	The genome of a blood fluke associated with human cancer. <b>2012</b> , 44, 116-8	17
655	Integrating and Mining Helminth Genomes to Discover and Prioritize Novel Therapeutic Targets. <b>2012</b> , 43-59	7
654	TCF/LEFs and Wnt signaling in the nucleus. <b>2012</b> , 4,	434
653	Mapping small molecule binding data to structural domains. <b>2012</b> , 13 Suppl 17, S11	11
652	Transcriptome analysis reveals strain-specific and conserved stemness genes in Schmidtea mediterranea. <b>2012</b> , 7, e34447	44
651	Schistosoma japonicum UDP-glucose 4-epimerase protein is located on the tegument and induces moderate protection against challenge infection. <b>2012</b> , 7, e42050	4

650	New frontiers in schistosoma genomics and transcriptomics. <b>2012</b> , 2012, 849132	53
649	Calcium channels of schistosomes: unresolved questions and unexpected answers. <b>2012</b> , 1, 85-93	29
648	HDAC inhibitors in parasitic diseases. <b>2012</b> , 90, 66-77	101
647	Human U6 promoter drives stronger shRNA activity than its schistosome orthologue in Schistosoma mansoni and human fibrosarcoma cells. <b>2012</b> , 21, 511-21	21
646	Prototypic chromatin insulator cHS4 protects retroviral transgene from silencing in Schistosoma mansoni. <b>2012</b> , 21, 555-66	13
645	The cell biology of schistosomes: a window on the evolution of the early metazoa. <b>2012</b> , 249, 503-18	12
644	Biogenic amines and the control of neuromuscular signaling in schistosomes. <b>2012</b> , 12, 13-28	19
643	Combination of de novo assembly of massive sequencing reads with classical repeat prediction improves identification of repetitive sequences in Schistosoma mansoni. <b>2012</b> , 130, 470-4	13
642	Visualizing the drug target landscape. <b>2012</b> , 17 Suppl, S3-15	8
641	An antibiotic selection marker for schistosome transgenesis. <b>2012</b> , 42, 123-30	12
640	Epigenetics: a key regulator of platyhelminth developmental biology?. 2012, 42, 221-4	13
639	Tissue expression patterns of Schistosoma mansoni Venom Allergen-Like proteins 6 and 7. <b>2012</b> , 42, 613-20	34
638	Developmental regulation of gene expression in the absence of transcriptional control: the case of kinetoplastids. <b>2012</b> , 181, 61-72	116
637	Genome-wide identification and characterization of a panel of house-keeping genes in Schistosoma japonicum. <b>2012</b> , 182, 75-82	57
636	Schistosoma mansoni histones: from transcription to chromatin regulation; an in silico analysis. <b>2012</b> , 183, 105-14	16
635	Three-dimensional structure of a schistosome serpin revealing an unusual configuration of the helical subdomain. <b>2012</b> , 68, 686-94	5
634	Functional genomics approaches in parasitic helminths. <b>2012</b> , 34, 163-82	20
633	Producing parasitic helminth reference and draft genomes at the Wellcome Trust Sanger Institute. <b>2012</b> , 34, 100-7	25

632	Cestode genomics - progress and prospects for advancing basic and applied aspects of flatworm biology. <b>2012</b> , 34, 130-50	71
631	Novel immunomic technologies for schistosome vaccine development. <b>2012</b> , 34, 276-84	23
630	Recent advances in Schistosoma genomics. <b>2012</b> , 34, 151-62	12
629	TIMPs of parasitic helminths - a large-scale analysis of high-throughput sequence datasets. <b>2013</b> , 6, 156	15
628	ABC multidrug transporters in schistosomes and other parasitic flatworms. <b>2013</b> , 62, 647-53	30
627	Natural Products with Activity Against Schistosoma Species. <b>2013</b> , 109-134	3
626	Decoding the Ascaris suum Genome using Massively Parallel Sequencing and Advanced Bioinformatic Methods IUnprecedented Prospects for Fundamental and Applied Research. <b>2013</b> , 287-314	
625	Discovery-based studies of schistosome diversity stimulate new hypotheses about parasite biology. <b>2013</b> , 29, 449-59	36
624	Challenges in Infectious Diseases. 2013,	12
623	Parasitic Diseases of the Lungs. <b>2013</b> ,	Ο
623	Parasitic Diseases of the Lungs. 2013,  Mutation scanning analysis of genetic variation within and among Echinococcus species: implications and future prospects. 2013, 34, 1852-62	2
	Mutation scanning analysis of genetic variation within and among Echinococcus species:	
622	Mutation scanning analysis of genetic variation within and among Echinococcus species: implications and future prospects. <b>2013</b> , 34, 1852-62  Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology	2
622	Mutation scanning analysis of genetic variation within and among Echinococcus species: implications and future prospects. <b>2013</b> , 34, 1852-62  Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology and biotechnology. <b>2013</b> , 31, 1109-19  Neurotransmitter transporters in schistosomes: structure, function and prospects for drug	2 22
622 621 620	Mutation scanning analysis of genetic variation within and among Echinococcus species: implications and future prospects. <b>2013</b> , 34, 1852-62  Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology and biotechnology. <b>2013</b> , 31, 1109-19  Neurotransmitter transporters in schistosomes: structure, function and prospects for drug discovery. <b>2013</b> , 62, 629-38  Folding factors and partners for the intrinsically disordered protein micro-exon gene 14 (MEG-14).	2 22 23
622 621 620	Mutation scanning analysis of genetic variation within and among Echinococcus species: implications and future prospects. 2013, 34, 1852-62  Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology and biotechnology. 2013, 31, 1109-19  Neurotransmitter transporters in schistosomes: structure, function and prospects for drug discovery. 2013, 62, 629-38  Folding factors and partners for the intrinsically disordered protein micro-exon gene 14 (MEG-14). 2013, 104, 2512-20  Characterization of a flatworm inositol (1,4,5) trisphosphate receptor (IPR) reveals a role in	2 22 23 17
622 621 620 619	Mutation scanning analysis of genetic variation within and among Echinococcus species: implications and future prospects. 2013, 34, 1852-62  Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology and biotechnology. 2013, 31, 1109-19  Neurotransmitter transporters in schistosomes: structure, function and prospects for drug discovery. 2013, 62, 629-38  Folding factors and partners for the intrinsically disordered protein micro-exon gene 14 (MEG-14). 2013, 104, 2512-20  Characterization of a flatworm inositol (1,4,5) trisphosphate receptor (IPR) reveals a role in reproductive physiology. 2013, 53, 307-14	2 22 23 17
622 621 620 619 618	Mutation scanning analysis of genetic variation within and among Echinococcus species: implications and future prospects. 2013, 34, 1852-62  Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology and biotechnology. 2013, 31, 1109-19  Neurotransmitter transporters in schistosomes: structure, function and prospects for drug discovery. 2013, 62, 629-38  Folding factors and partners for the intrinsically disordered protein micro-exon gene 14 (MEG-14). 2013, 104, 2512-20  Characterization of a flatworm inositol (1,4,5) trisphosphate receptor (IPB) reveals a role in reproductive physiology. 2013, 53, 307-14  Challenges in Controlling and Eliminating Schistosomiasis. 2013, 265-299  Genetic and molecular basis of drug resistance and species-specific drug action in schistosome	2 22 23 17

614	The genome of the hydatid tapeworm Echinococcus granulosus. <b>2013</b> , 45, 1168-75	195
613	Receptor Tyrosine Kinase Signaling and Drug Targeting in Schistosomes. <b>2013</b> , 337-356	4
612	Significant variance in genetic diversity among populations of Schistosoma haematobium detected using microsatellite DNA loci from a genome-wide database. <b>2013</b> , 6, 300	21
611	Diagnosis and treatment of schistosomiasis in children in the era of intensified control. <b>2013</b> , 11, 1237-58	62
610	This de-wormed world?. <b>2013</b> , 99, 933-42	8
609	Structure and function of invertebrate Kunitz serine protease inhibitors. <b>2013</b> , 39, 219-27	77
608	Objective assessment of cancer genes for drug discovery. <b>2013</b> , 12, 35-50	89
607	Insights into bilaterian evolution from three spiralian genomes. <i>Nature</i> , <b>2013</b> , 493, 526-31 50.4	424
606	Linking micro- and macro-evolution at the cell type level: a view from the lophotrochozoan Platynereis dumerilii. <b>2013</b> , 12, 430-9	16
605	The sources and metabolic dynamics of Schistosoma japonicum DNA in serum of the host. <b>2013</b> , 112, 129-33	18
604	Let@ not forget the thinkers. <b>2013</b> , 29, 581-4	10
603	Population genetic structure of Schistosoma mansoni and Schistosoma haematobium from across six sub-Saharan African countries: implications for epidemiology, evolution and control. <b>2013</b> , 128, 261-74	61
602	Molecular and functional characterization of a putative PA28[proteasome activator orthologue in Schistosoma mansoni. <b>2013</b> , 189, 14-25	3
601	Characterization of cys-loop receptor genes involved in inhibitory amine neurotransmission in parasitic and free living nematodes. <b>2013</b> , 62, 599-605	14
600	Riluzole attenuates the effects of chemoconvulsants acting on glutamatergic and GABAergic neurotransmission in the planarian Dugesia tigrina. <b>2013</b> , 718, 493-501	2
599	"Omics" in the study of the major parasitic diseases malaria and schistosomiasis. <b>2013</b> , 19, 258-73	11
598	Adaptive radiation within the vaccine target tetraspanin-23 across nine Schistosoma species from Africa. <b>2013</b> , 43, 95-103	10
597	In vitro cultivation of Schistosoma japonicum-parasites and cells. <b>2013</b> , 31, 1722-37	8

#### (2013-2013)

596	A retinoid X receptor (RXR1) homolog from Schistosoma japonicum: its ligand-binding domain may bind to 9-cis-retinoic acid. <b>2013</b> , 188, 40-50	5
595	The functional role of a serotonin transporter in Schistosoma mansoni elucidated through immunolocalization and RNA interference (RNAi). <b>2013</b> , 187, 32-42	31
594	The genomes of four tapeworm species reveal adaptations to parasitism. <i>Nature</i> , <b>2013</b> , 496, 57-63 50.4	483
593	Homology modeling and docking studies of phosphoenolpyruvate carboxykinase in Schistosoma mansoni. <b>2013</b> , 22, 2870-2878	4
592	Comparative study of transcriptome profiles of mechanical- and skin-transformed Schistosoma mansoni schistosomula. <b>2013</b> , 7, e2091	50
591	Tetraspanins in Lower Eukaryotes. <b>2013</b> , 187-201	1
590	Sequencing of the sea lamprey (Petromyzon marinus) genome provides insights into vertebrate evolution. <b>2013</b> , 45, 415-21, 421e1-2	465
589	Computational identification and evolutionary relationships of the microRNA gene cluster miR-71/2 in protostomes. <b>2013</b> , 76, 353-8	14
588	Hosts, parasites, and horizontal gene transfer. <b>2013</b> , 29, 329-38	50
587	Call+ channels and praziquantel: a view from the free world. <b>2013</b> , 62, 619-28	43
586	Effects of curcumin on the parasite Schistosoma mansoni: a transcriptomic approach. <b>2013</b> , 187, 91-7	23
585	Differences in genomic architecture between two distinct geographical strains of the blood fluke Schistosoma japonicum reveal potential phenotype basis. <b>2013</b> , 27, 19-27	4
584	Development and characterization of a specific IgG monoclonal antibody toward the Lewis x antigen using splenocytes of Schistosoma mansoni-infected mice. <b>2013</b> , 23, 877-92	18
583	BamView: visualizing and interpretation of next-generation sequencing read alignments. 2013, 14, 203-12	50
582	Polyethyleneimine mediated DNA transfection in schistosome parasites and regulation of the WNT signaling pathway by a dominant-negative SmMef2. <b>2013</b> , 7, e2332	14
581	Schistosoma mansoni Sirtuins: characterization and potential as chemotherapeutic targets. <b>2013</b> , 7, e2428	60
580	Discovery of anthelmintic drug targets and drugs using chokepoints in nematode metabolic pathways. <b>2013</b> , 9, e1003505	57
579	Private selective sweeps identified from next-generation pool-sequencing reveal convergent pathways under selection in two inbred Schistosoma mansoni strains. <b>2013</b> , 7, e2591	20

578	It on of luke: the planarian as a model for understanding schistosomes. <b>2013</b> , 9, e1003396	30
577	Sex-biased expression of microRNAs in Schistosoma mansoni. <b>2013</b> , 7, e2402	47
576	Transcriptome analyses of inhibitor-treated schistosome females provide evidence for cooperating Src-kinase and TGF receptor pathways controlling mitosis and eggshell formation. <b>2013</b> , 9, e1003448	37
575	Regulation of innate responses during pre-patent schistosome infection provides an immune environment permissive for parasite development. <b>2013</b> , 9, e1003708	22
574	Whole-organ isolation approach as a basis for tissue-specific analyses in Schistosoma mansoni. <b>2013</b> , 7, e2336	27
573	Combinatory microarray and SuperSAGE analyses identify pairing-dependently transcribed genes in Schistosoma mansoni males, including follistatin. <b>2013</b> , 7, e2532	32
572	Septins of Platyhelminths: identification, phylogeny, expression and localization among developmental stages of Schistosoma mansoni. <b>2013</b> , 7, e2602	9
571	Molecular characterization of severin from Clonorchis sinensis excretory/secretory products and its potential anti-apoptotic role in hepatocarcinoma PLC cells. <b>2013</b> , 7, e2606	16
570	Molecular cloning and characterization of novel glutamate-gated chloride channel subunits from Schistosoma mansoni. <b>2013</b> , 9, e1003586	26
569	The genome and developmental transcriptome of the strongylid nematode Haemonchus contortus. <b>2013</b> , 14, R89	166
568	Accommodating the load: The transposable element content of very large genomes. <b>2013</b> , 3, e24775	26
567	Reconstructing mitochondrial genomes directly from genomic next-generation sequencing readsa baiting and iterative mapping approach. <b>2013</b> , 41, e129	1236
566	Expression at a 20L scale and purification of the extracellular domain of the Schistosoma mansoni TSP-2 recombinant protein: a vaccine candidate for human intestinal schistosomiasis. <b>2013</b> , 9, 2342-50	26
565	Characterization of potential drug targets farnesyl diphosphate synthase and geranylgeranyl diphosphate synthase in Schistosoma mansoni. <b>2013</b> , 57, 5969-76	9
564	Adult somatic stem cells in the human parasite Schistosoma mansoni. <i>Nature</i> , <b>2013</b> , 494, 476-9 50.4	152
563	Biomedical research, a tool to address the health issues that affect African populations. <b>2013</b> , 9, 50	10
562	Genomes and evolutionary genomics of animals. <b>2013</b> , 59, 87-98	4
561	Functional genomic characterization of neoblast-like stem cells in larval Schistosoma mansoni. <b>2013</b> , 2, e00768	85

#### (2014-2013)

560	Solving the Riddle of the Lung-Stage Schistosomula Paved the Way to a Novel Remedy and an Efficacious Vaccine for Schistosomiasis. <b>2013</b> ,	1
559	Immunization with tegument nucleotidases associated with a subcurative praziquantel treatment reduces worm burden following Schistosoma mansoni challenge. <b>2013</b> , 1, e58	10
558	Functional mapping of protein kinase A reveals its importance in adult Schistosoma mansoni motor activity. <b>2013</b> , 7, e1988	18
557	Inferences on the biochemical and environmental regulation of universal stress proteins from Schistosomiasis parasites. <b>2013</b> , 6, 15-27	9
556	. 2013,	
555	Cysteine peptidases as schistosomiasis vaccines with inbuilt adjuvanticity. <b>2014</b> , 9, e85401	45
554	Evaluation of schistosome promoter expression for transgenesis and genetic analysis. <b>2014</b> , 9, e98302	5
553	Chromosomal differentiation of schistosomes: what is the message?. <b>2014</b> , 5, 301	5
552	The Lophotrochozoan TGF-Isignalling cassette - diversification and conservation in a key signalling pathway. <b>2014</b> , 58, 533-49	24
551	Crystal structure of a Schistosoma mansoni septin reveals the phenomenon of strand slippage in septins dependent on the nature of the bound nucleotide. <b>2014</b> , 289, 7799-811	26
550	Molecular characterization of SjBIRP, another apoptosis inhibitor, from Schistosoma japonicum. <b>2014</b> , 113, 4065-71	5
549	Ion channels and drug transporters as targets for anthelmintics. <b>2014</b> , 1, 51-60	28
548	The genome of the myxosporean Thelohanellus kitauei shows adaptations to nutrient acquisition within its fish host. <b>2014</b> , 6, 3182-98	41
547	Revisiting glucose uptake and metabolism in schistosomes: new molecular insights for improved schistosomiasis therapies. <b>2014</b> , 5, 176	19
546	Epigenetic control of gene function in schistosomes: a source of therapeutic targets?. <b>2014</b> , 5, 317	28
545	Exploring the function of protein kinases in schistosomes: perspectives from the laboratory and from comparative genomics. <b>2014</b> , 5, 229	21
544	Sm10.3, a member of the micro-exon gene 4 (MEG-4) family, induces erythrocyte agglutination in vitro and partially protects vaccinated mice against Schistosoma mansoni infection. <b>2014</b> , 8, e2750	14
543	RNA-Seq reveals infection-induced gene expression changes in the snail intermediate host of the carcinogenic liver fluke, Opisthorchis viverrini. <b>2014</b> , 8, e2765	12

542	Gonad RNA-specific qRT-PCR analyses identify genes with potential functions in schistosome reproduction such as SmFz1 and SmFGFRs. <b>2014</b> , 5, 170	23
541	Human Schistosomiasis. <b>2014</b> ,	
540	Protein kinase C and extracellular signal-regulated kinase regulate movement, attachment, pairing and egg release in Schistosoma mansoni. <b>2014</b> , 8, e2924	28
539	Schistosome syntenin partially protects vaccinated mice against Schistosoma mansoni infection. <b>2014</b> , 8, e3107	11
538	Transcriptome profiles of the protoscoleces of Echinococcus granulosus reveal that excretory-secretory products are essential to metabolic adaptation. <b>2014</b> , 8, e3392	20
537	Discovery and confirmation of ligand binding specificities of the Schistosoma japonicum polarity protein Scribble. <b>2014</b> , 8, e2837	5
536	Serotonin signaling in Schistosoma mansoni: a serotonin-activated G protein-coupled receptor controls parasite movement. <b>2014</b> , 10, e1003878	64
535	An immunomics approach to schistosome antigen discovery: antibody signatures of naturally resistant and chronically infected individuals from endemic areas. <b>2014</b> , 10, e1004033	59
534	Functional characterization of a novel family of acetylcholine-gated chloride channels in Schistosoma mansoni. <b>2014</b> , 10, e1004181	24
533	Expression profile of the Schistosoma japonicum degradome reveals differential protease expression patterns and potential anti-schistosomal intervention targets. <b>2014</b> , 10, e1003856	20
532	Trypsin- and Chymotrypsin-like serine proteases in schistosoma mansoni <b>O</b> he undiscovered countryO <b>2014</b> , 8, e2766	24
531	Systems biology studies of adult paragonimus lung flukes facilitate the identification of immunodominant parasite antigens. <b>2014</b> , 8, e3242	20
530	Venus kinase receptors control reproduction in the platyhelminth parasite Schistosoma mansoni. <b>2014</b> , 10, e1004138	37
529	Exposure to hycanthone alters chromatin structure around specific gene functions and specific repeats in Schistosoma mansoni. <b>2014</b> , 5, 207	13
528	Evolutionary analysis of the cystatin family in three Schistosoma species. <b>2014</b> , 5, 206	11
527	The Opisthorchis viverrini genome provides insights into life in the bile duct. <b>2014</b> , 5, 4378	113
526	Receptor tyrosine kinases and schistosome reproduction: new targets for chemotherapy. <b>2014</b> , 5, 238	19
525	Development of "-omics" research in Schistosoma spp. and -omics-based new diagnostic tools for schistosomiasis. <b>2014</b> , 5, 313	6

#### (2014-2014)

524	Omega-1 knockdown in Schistosoma mansoni eggs by lentivirus transduction reduces granuloma size in vivo. <b>2014</b> , 5, 5375	52
523	Serum albumin and ⊞ acid glycoprotein impede the killing of Schistosoma mansoni by the tyrosine kinase inhibitor Imatinib. <b>2014</b> , 4, 287-95	29
522	Deciphering the glycogenome of schistosomes. <b>2014</b> , 5, 262	27
521	The role played by alternative splicing in antigenic variability in human endo-parasites. <b>2014</b> , 7, 53	12
520	The holozoan Capsaspora owczarzaki possesses a diverse complement of active transposable element families. <b>2014</b> , 6, 949-63	5
519	Evaluation of protective immune response in mice by vaccination the recombinant adenovirus for expressing Schistosoma japonicum inhibitor apoptosis protein. <b>2014</b> , 113, 4261-9	8
518	Regulatory networks, genes and glycerophospholipid biosynthesis pathway in schistosomiasis: a systems biology view for pharmacological intervention. <b>2014</b> , 550, 214-22	3
5 <del>1</del> 7	The Global Invertebrate Genomics Alliance (GIGA): developing community resources to study diverse invertebrate genomes. <b>2014</b> , 105, 1-18	70
516	Eukaryotic penelope-like retroelements encode hammerhead ribozyme motifs. <b>2014</b> , 31, 2941-7	31
515	Identification of putative insulin-like peptides and components of insulin signaling pathways in parasitic platyhelminths by the use of genome-wide screening. <b>2014</b> , 281, 877-93	18
5 <sup>1</sup> 4	Human IgE responses to different splice variants of Schistosoma mansoni tropomyosin: associations with immunity. <b>2014</b> , 44, 381-90	11
513	Molecular basis for the antiparasitic activity of a mercaptoacetamide derivative that inhibits histone deacetylase 8 (HDAC8) from the human pathogen schistosoma mansoni. <b>2014</b> , 426, 3442-53	47
512	Characterisation of major vault protein during the life cycle of the human parasite Schistosoma mansoni. <b>2014</b> , 63, 120-6	5
511	Apoptosis in schistosomes: toward novel targets for the treatment of schistosomiasis. <b>2014</b> , 30, 75-84	23
510	How might flukes and tapeworms maintain genome integrity without a canonical piRNA pathway?. <b>2014</b> , 30, 123-9	34
509	Distribution of lethal giant larvae (Lgl) protein in the tegument and negative impact of siRNA-based gene silencing on worm surface structure and egg hatching in Schistosoma japonicum. <b>2014</b> , 113, 1-9	19
508	Opisthorchis viverrini: analysis of the sperm-specific rhophilin associated tail protein 1-like. <b>2014</b> , 140, 34-40	4
507	Compound library screening identified Akt/PKB kinase pathway inhibitors as potential key molecules for the development of new chemotherapeutics against schistosomiasis. <b>2014</b> , 4, 256-66	24

506	The revolution of whole genome sequencing to study parasites. <b>2014</b> , 195, 77-81	12
505	RNA interference in Fasciola hepatica newly excysted juveniles: long dsRNA induces more persistent silencing than siRNA. <b>2014</b> , 197, 28-35	19
504	Combination of the two schistosomal antigens Sm14 and Sm29 elicits significant protection against experimental Schistosoma mansoni infection. <b>2014</b> , 145, 51-60	12
503	Gaining biological perspectives from schistosome genomes. <b>2014</b> , 196, 21-8	10
502	Comparative genomics of flatworms (platyhelminthes) reveals shared genomic features of ectoand endoparastic neodermata. <b>2014</b> , 6, 1105-17	54
501	Diversity and ancestry of flatworms infecting blood of nontetrapod craniates "fishes". <b>2014</b> , 85, 1-64	47
500	Efficient linkage mapping using exome capture and extreme QTL in schistosome parasites. <b>2014</b> , 15, 617	33
499	Genome-wide transcriptome analysis shows extensive alternative RNA splicing in the zoonotic parasite Schistosoma japonicum. <b>2014</b> , 15, 715	13
498	ClonorESTdb: a comprehensive database for Clonorchis sinensis EST sequences. <b>2014</b> , 7, 388	12
497	Identification of G protein-coupled receptors in Schistosoma haematobium and S. mansoni by comparative genomics. <b>2014</b> , 7, 242	25
496	Discovery of novel Schistosoma japonicum antigens using a targeted protein microarray approach. <b>2014</b> , 7, 290	23
495	Biochemical characterization and role of the proteasome in the oxidative stress response of adult Schistosoma mansoni worms. <b>2014</b> , 113, 2887-97	10
494	Pseudotyped murine leukemia virus for schistosome transgenesis: approaches, methods and perspectives. <b>2014</b> , 23, 539-56	29
493	Infecciones por trematodos: esquistosomiasis, fascioliasis, opistorquiasis, clonorquiasis y paragonimiasis. <b>2014</b> , 11, 3115-3128	
492	The role of the immunological background of mice in the genetic variability of Schistosoma mansoni as detected by random amplification of polymorphic DNA. <b>2015</b> , 89, 714-9	
491	Pathogenesis of Human Schistosomiasis. <b>2015</b> , 481-504	1
490	Lysosome-associated membrane glycoprotein (LAMP)preliminary study on a hidden antigen target for vaccination against schistosomiasis. <b>2015</b> , 5, 15069	9
489	Exploring molecular variation in Schistosoma japonicum in China. <b>2015</b> , 5, 17345	19

#### (2015-2015)

488	Defining the Schistosoma haematobium kinome enables the prediction of essential kinases as anti-schistosome drug targets. <b>2015</b> , 5, 17759	32
4 <sup>8</sup> 7	Natural products as leads in schistosome drug discovery. <b>2015</b> , 20, 1872-903	50
486	Transposons, Genome Size, and Evolutionary Insights in Animals. <b>2015</b> , 147, 217-39	78
485	The Haemonchus contortus kinomea resource for fundamental molecular investigations and drug discovery. <b>2015</b> , 8, 623	12
484	Sensory Protein Kinase Signaling in Schistosoma mansoni Cercariae: Host Location and Invasion. <b>2015</b> , 212, 1787-97	20
483	Transient transgenesis of the tapeworm Taenia crassiceps. <b>2015</b> , 4, 496	6
482	Repurposing apoptosis-inducing cancer drugs to treat schistosomiasis. <b>2015</b> , 7, 707-11	7
481	Praziquantel and Arachidonic Acid Combination (An Innovative Approach to the Treatment of Schistosomiasis. <b>2015</b> ,	О
480	Prolyl Oligopeptidase from the Blood Fluke Schistosoma mansoni: From Functional Analysis to Anti-schistosomal Inhibitors. <b>2015</b> , 9, e0003827	26
479	The Epigenome of Schistosoma mansoni Provides Insight about How Cercariae Poise Transcription until Infection. <b>2015</b> , 9, e0003853	42
478	The Schistosome Esophagus Is a thotspot of Microexon and Lysosomal Hydrolase Gene Expression: Implications for Blood Processing. <b>2015</b> , 9, e0004272	35
477	The Schistosoma mansoni Cytochrome P450 (CYP3050A1) Is Essential for Worm Survival and Egg Development. <b>2015</b> , 9, e0004279	20
476	Schistosoma mansoni Egg, Adult Male and Female Comparative Gene Expression Analysis and Identification of Novel Genes by RNA-Seq. <b>2015</b> , 9, e0004334	55
475	Transcriptome Bioinformatical Analysis of Vertebrate Stages of Schistosoma japonicum Reveals Alternative Splicing Events. <b>2015</b> , 10, e0138470	8
474	Tissue Transglutaminase-Regulated Transformed Growth Factor-III in the Parasite Links Schistosoma japonicum Infection with Liver Fibrosis. <b>2015</b> , 2015, 659378	7
473	Structural and Population Polymorphism of RT-Like Sequences in Avian Schistosomes Trichobilharzia szidati (Platyhelminthes: Digenea: Schistosomatidae). <b>2015</b> , 2015, 315312	4
472	Transfection of Platyhelminthes. <b>2015</b> , 2015, 206161	6
471	What helminth genomes have taught us about parasite evolution. <b>2015</b> , 142 Suppl 1, S85-97	61

470	Biotransformation of anthelmintics and the activity of drug-metabolizing enzymes in the tapeworm Moniezia expansa. <b>2015</b> , 142, 648-59	9
469	Reinforcing the egg-timer: recruitment of novel lophotrochozoa homeobox genes to early and late development in the pacific oyster. <b>2015</b> , 7, 677-88	31
468	In silico repositioning-chemogenomics strategy identifies new drugs with potential activity against multiple life stages of Schistosoma mansoni. <b>2015</b> , 9, e3435	35
467	Horizontal gene transfer in schistosomes: A critical assessment. <b>2015</b> , 201, 57-65	4
466	Cytometric analysis, genetic manipulation and antibiotic selection of the snail embryonic cell line Bge from Biomphalaria glabrata, the intermediate host of Schistosoma mansoni. <b>2015</b> , 45, 527-35	11
465	Modelling the effects of mass drug administration on the molecular epidemiology of schistosomes. <b>2015</b> , 87, 293-327	7
464	The Fasciola hepatica genome: gene duplication and polymorphism reveals adaptation to the host environment and the capacity for rapid evolution. <b>2015</b> , 16, 71	162
463	Kicking in the Guts: Schistosoma mansoni Digestive Tract Proteins are Potential Candidates for Vaccine Development. <b>2015</b> , 6, 22	28
462	A Novel Terminal-Repeat Retrotransposon in Miniature (TRIM) Is Massively Expressed in Echinococcus multilocularis Stem Cells. <b>2015</b> , 7, 2136-53	14
461	Schistosoma mansoni 🗗,3-fucosyltransferase-F generates the Lewis X antigen. <b>2016</b> , 26, 270-85	5
460	Repurposing of anticancer drugs: in vitro and in vivo activities against Schistosoma mansoni. <b>2015</b> , 8, 417	42
459	New research tools for urogenital schistosomiasis. <b>2015</b> , 211, 861-9	19
458	Genome mining offers a new starting point for parasitology research. <b>2015</b> , 114, 399-409	25
457	Isoforms of Hsp70-binding human LDL in adult Schistosoma mansoni worms. <b>2015</b> , 114, 1145-52	5
456	Genome evolution in trypanosomatid parasites. <b>2015</b> , 142 Suppl 1, S40-56	50
455	The evolution of pentameric ligand-gated ion-channels and the changing family of anthelmintic drug targets. <b>2015</b> , 142, 303-17	13
454	Tandem repeat recombinant proteins as potential antigens for the sero-diagnosis of Schistosoma mansoni infection. <b>2015</b> , 64, 503-12	8
453	Still hope for schistosomiasis vaccine. <b>2015</b> , 11, 2504-8	16

#### (2015-2015)

452	Application of RNAi to Genomic Drug Target Validation in Schistosomes. <b>2015</b> , 9, e0003801	24
45 <sup>1</sup>	Shaping the research agenda. <b>2015</b> , 9, e3350	6
450	Application of small RNA technology for improved control of parasitic helminths. <b>2015</b> , 212, 47-53	33
449	The helminth parasite proteome at the host-parasite interface⊞nforming diagnosis and control. <b>2015</b> , 157, 48-58	14
448	Glycomic Analysis of Life Stages of the Human Parasite Schistosoma mansoni Reveals Developmental Expression Profiles of Functional and Antigenic Glycan Motifs. <b>2015</b> , 14, 1750-69	62
447	Transcriptome analysis of the adult rumen fluke Paramphistomum cervi following next generation sequencing. <b>2015</b> , 570, 64-70	13
446	Hyperdiverse gene cluster in snail host conveys resistance to human schistosome parasites. <b>2015</b> , 11, e1005067	45
445	A quantitative proteomic analysis of the tegumental proteins from Schistosoma mansoni schistosomula reveals novel potential therapeutic targets. <b>2015</b> , 45, 505-16	79
444	Cryptic 3OnRNA processing signals hinder the expression of Schistosoma mansoni integrins in yeast. <b>2015</b> , 199, 51-7	2
443	The genomic proliferation of transposable elements in colonizing populations: Schistosoma mansoni in the new world. <b>2015</b> , 143, 287-98	5
442	A novel Schistosoma japonicum endonuclease homologous to DNase II. <b>2015</b> , 16, 126	6
441	Current and prospective chemotherapy options for schistosomiasis. <b>2015</b> , 3, 195-205	6
440	Identification of microRNA genes in three opisthorchiids. <b>2015</b> , 9, e0003680	17
439	Prospects for Vector-Based Gene Silencing to Explore Immunobiological Features of Schistosoma mansoni. <b>2015</b> , 88, 85-122	7
438	Vaccines and diagnostics for zoonotic schistosomiasis japonica. <b>2015</b> , 142, 271-89	18
437	Knocking down schistosomes - promise for lentiviral transduction in parasites. <b>2015</b> , 31, 324-32	16
436	The metabolic control of schistosome egg production. <b>2015</b> , 17, 796-801	26
435	A constitutively active G protein-coupled acetylcholine receptor regulates motility of larval Schistosoma mansoni. <b>2015</b> , 202, 29-37	20

434	Target-based molecular modeling strategies for schistosomiasis drug discovery. <b>2015</b> , 7, 753-64	25
433	Re-positioning protein-kinase inhibitors against schistosomiasis. <b>2015</b> , 7, 737-52	20
432	How has the genomics era impacted schistosomiasis drug discovery?. <b>2015</b> , 7, 685-7	5
431	Biologically Active Peptides in Invertebrates. <b>2015</b> , 3, 1-76	3
430	Neglected Tropical Diseases in the Post-Genomic Era. <b>2015</b> , 31, 539-555	20
429	An invertebrate smooth muscle with striated muscle myosin filaments. <b>2015</b> , 112, E5660-8	34
428	Schistosome sirtuins as drug targets. <b>2015</b> , 7, 765-82	14
427	Inhibition of Schistosoma mansoni ether-a-go-go related gene-encoded potassium channels leads to hypermotility and impaired egg production. <b>2015</b> , 158, 48-54	1
426	Isolation, enrichment and primary characterisation of vitelline cells from Schistosoma mansoni obtained by the organ isolation method. <b>2015</b> , 45, 663-72	14
425	Gene suppression in schistosomes using RNAi. <b>2015</b> , 1201, 143-64	25
424	Evaluation of the immune response and protective efficacy of Schistosoma mansoni Cathepsin B in mice using CpG dinucleotides as adjuvant. <b>2015</b> , 33, 346-53	19
423	Evolution of parasitism along convergent lines: from ecology to genomics. <b>2015</b> , 142 Suppl 1, S6-S15	70
422	Schistosomiasis: Setting Routes for Drug Discovery. <b>2016</b> ,	5
421	An Isochore-Like Structure in the Genome of the Flatworm Schistosoma mansoni. <b>2016</b> , 8, 2312-8	7
420	A transcriptional blueprint for a spiral-cleaving embryo. <b>2016</b> , 17, 552	12
419	Vaccines Against Parasites. <b>2016</b> , 331-360	3
418	GPCR and IR genes in Schistosoma mansoni miracidia. <b>2016</b> , 9, 563	10
417	Crystal Structure of Schistosoma mansoni Adenosine Phosphorylase/5@Methylthioadenosine Phosphorylase and Its Importance on Adenosine Salvage Pathway. <b>2016</b> , 10, e0005178	6

#### (2016-2016)

416	Comprehensive Transcriptome Analysis of Sex-Biased Expressed Genes Reveals Discrete Biological and Physiological Features of Male and Female Schistosoma japonicum. <b>2016</b> , 10, e0004684	26
415	The NIH-NIAID Schistosomiasis Resource Center at the Biomedical Research Institute: Molecular Redux. <b>2016</b> , 10, e0005022	8
414	Curcumin Generates Oxidative Stress and Induces Apoptosis in Adult Schistosoma mansoni Worms. <b>2016</b> , 11, e0167135	25
413	A Miniaturized Screen of a Schistosoma mansoni Serotonergic G Protein-Coupled Receptor Identifies Novel Classes of Parasite-Selective Inhibitors. <b>2016</b> , 12, e1005651	26
412	HIV-1 Integrates Widely throughout the Genome of the Human Blood Fluke Schistosoma mansoni. <b>2016</b> , 12, e1005931	14
411	Discovery of New Anti-Schistosomal Hits by Integration of QSAR-Based Virtual Screening and High Content Screening. <b>2016</b> , 59, 7075-88	47
410	Biarylalkyl Carboxylic Acid Derivatives as Novel Antischistosomal Agents. <b>2016</b> , 11, 1459-68	8
409	Molecular Phylogenetic Analysis of Infidum similis, Including Morphological Data and Estimation of its Genome Size. <b>2016</b> , 102, 468-75	3
408	Schistosomiasis as a disease of stem cells. <b>2016</b> , 40, 95-102	22
407	De novo discovery of neuropeptides in the genomes of parasitic flatworms using a novel comparative approach. <b>2016</b> , 46, 709-21	29
406	Purification of a chymotrypsin-like enzyme present on adult Schistosoma mansoni worms from infected mice and its characterization as a host carboxylesterase. <b>2016</b> , 143, 646-57	6
405	Evolutionary characterization of Ty3/gypsy-like LTR retrotransposons in the parasitic cestode Echinococcus granulosus. <b>2016</b> , 143, 1691-1702	1
404	Molecular characterization of host-parasite cell signalling in Schistosoma mansoni during early development. <b>2016</b> , 6, 35614	12
403	Dataset for a de novo transcriptome assembly, utilized for defining the voltage-gated like ion channel superfamily. <b>2016</b> , 9, 1044-1047	9
402	Whole genome resequencing of the human parasite Schistosoma mansoni reveals population history and effects of selection. <b>2016</b> , 6, 20954	43
401	A next-generation proteome array for Schistosoma mansoni. <b>2016</b> , 46, 411-5	18
400	Saposin-like Proteins, a Multigene Family of Schistosoma Species, are Biomarkers for the Immunodiagnosis of Schistosomiasis Japonica. <b>2016</b> , 214, 1225-34	12
399	Modern approaches to accelerate discovery of new antischistosomal drugs. <b>2016</b> , 11, 557-67	14

398	The omic approach to parasitic trematode research-a review of techniques and developments within the past 51years. <b>2016</b> , 115, 2523-43	7
397	Functional Genomics Tools for Haemonchus contortus and Lessons From Other Helminths. <b>2016</b> , 93, 599-623	32
396	China-Africa and China-Asia Collaboration on Schistosomiasis Control: A SWOT Analysis. <b>2016</b> , 92, 435-66	21
395	New Anti-Schistosoma Approaches in The People® Republic of China: Development of Diagnostics, Vaccines and Other New Techniques Belonging to the @mics@roup. <b>2016</b> , 92, 385-408	13
394	Uncovering Notch pathway in the parasitic flatworm Schistosoma mansoni. <b>2016</b> , 115, 3951-61	2
393	Helminth biodiversity research transformed by a century of evolutionary thought. <b>2016</b> , 21-39	
392	Comparison of apoptosis between adult worms of Schistosoma japonicum from susceptible (BALB/c mice) and less-susceptible (Wistar rats) hosts. <b>2016</b> , 592, 71-77	4
391	Derivatives of biarylalkyl carboxylic acid induce pleiotropic phenotypes in adult Schistosoma mansoni in vitro. <b>2016</b> , 115, 3831-42	8
390	Discovery of Novel Antischistosomal Agents by Molecular Modeling Approaches. <b>2016</b> , 32, 874-886	36
389	Understanding Haemonchus contortus Better Through Genomics and Transcriptomics. <b>2016</b> , 93, 519-67	28
388	Purinergic signaling in schistosomal infection. <b>2016</b> , 39, 316-325	8
387	Immunomic approaches for antigen discovery of human parasites. <b>2016</b> , 13, 1091-1101	16
386	Comparative genomics reveals adaptive evolution of Asian tapeworm in switching to a new intermediate host. <b>2016</b> , 7, 12845	30
385	Schistosome sex matters: a deep view into gonad-specific and pairing-dependent transcriptomes reveals a complex gender interplay. <b>2016</b> , 6, 31150	74
384	Deep, multi-stage transcriptome of the schistosomiasis vector Biomphalaria glabrata provides platform for understanding molluscan disease-related pathways. <b>2016</b> , 16, 618	15
383	QSAR-Driven Discovery of Novel Chemical Scaffolds Active against Schistosoma mansoni. <b>2016</b> , 56, 1357-72	38
382	Identification of new markers for the Schistosoma mansoni vitelline lineage. <b>2016</b> , 46, 405-10	39
381	HOX gene complement and expression in the planarian Schmidtea mediterranea. <b>2016</b> , 7, 7	49

380	Pipeline for the identification and classification of ion channels in parasitic flatworms. <b>2016</b> , 9, 155	3
379	Parasite Cathepsin D-Like Peptidases and Their Relevance as Therapeutic Targets. <b>2016</b> , 32, 708-723	17
378	Drug repositioning approaches to parasitic diseases: a medicinal chemistry perspective. <b>2016</b> , 21, 1699-1710	46
377	Specific humoral response of hosts with variable schistosomiasis susceptibility. <b>2016</b> , 94, 52-65	7
376	Protein kinase A signalling in Schistosoma mansoni cercariae and schistosomules. <b>2016</b> , 46, 425-37	13
375	Expression Characterization of Stress Genes Under High and Low Temperature Stresses in the Pacific Oyster, Crassostrea gigas. <b>2016</b> , 18, 176-88	47
374	The Th2 Type Immune Response in Health and Disease. <b>2016</b> ,	
373	Immune Response to Helminth Infections and Its Role in Treatment for Autoimmune Disorders. <b>2016</b> , 131-154	
372	Analysis of two Schistosoma mansoni uridine phosphorylases isoforms suggests the emergence of a protein with a non-canonical function. <b>2016</b> , 125, 12-22	8
371	The Tao survivorship of schistosomes: implications for schistosomiasis control. <b>2016</b> , 46, 453-63	15
370	Characterization of a Fasciola gigantica protein carrying two DM9 domains reveals cellular relocalization property. <b>2016</b> , 205, 6-15	8
369	Negligible elongation of mucin glycans with Gal 🛭 1-3 units distinguishes the laminated layer of Echinococcus multilocularis from that of Echinococcus granulosus. <b>2016</b> , 46, 311-21	6
368	Enhancing collaboration between China and African countries for schistosomiasis control. <b>2016</b> , 16, 376-83	42
367	LmSmdB: an integrated database for metabolic and gene regulatory network in Leishmania major and Schistosoma mansoni. <b>2016</b> , 7, 115-8	5
366	The Role of Xenobiotic-Metabolizing Enzymes in Anthelmintic Deactivation and Resistance in Helminths. <b>2016</b> , 32, 481-491	40
365	Gastropod-Borne Helminths: A Look at the Snail-Parasite Interplay. <b>2016</b> , 32, 255-264	26
364	Clinical implications of recent findings in schistosome proteomics. <b>2016</b> , 13, 19-33	14
363	A New Class of Thioredoxin-Related Protein Able to Bind Iron-Sulfur Clusters. <b>2016</b> , 24, 205-216	7

362	Metagenomic diagnostics for the simultaneous detection of multiple pathogens in human stool specimens from CEe d@voire: a proof-of-concept study. <b>2016</b> , 40, 389-397	30
361	MicroRNAs in Parasitic Helminthiases: Current Status and Future Perspectives. <b>2016</b> , 32, 71-86	53
360	Extracellular vesicles secreted by Schistosoma mansoni contain protein vaccine candidates. <b>2016</b> , 46, 1-5	108
359	Excretion/secretion products from Schistosoma mansoni adults, eggs and schistosomula have unique peptidase specificity profiles. <b>2016</b> , 122, 99-109	23
358	A perspective on genomic-guided anthelmintic discovery and repurposing using Haemonchus contortus. <b>2016</b> , 40, 368-373	13
357	Genomics of worms, with an emphasis on Opisthorchis viverrini - opportunities for fundamental discovery and biomedical outcomes. <b>2017</b> , 66, 341-345	7
356	Biochemical and biophysical methodologies open the road for effective schistosomiasis therapy and vaccination. <b>2017</b> , 1861, 3613-3620	11
355	Thoughts on interactions between PGRMC1 and diverse attested and potential hydrophobic ligands. <b>2017</b> , 171, 11-33	25
354	Reduced [14C]-methionine uptake and fecundity in Schistosoma mansoni females treated with recombinant tumor necrosis factor # vitro. <b>2017</b> , 62, 164-170	1
353	Diversity and evolution of TIR-domain-containing proteins in bivalves and Metazoa: New insights from comparative genomics. <b>2017</b> , 70, 145-164	29
352	WormBase ParaSite - a comprehensive resource for helminth genomics. <b>2017</b> , 215, 2-10	264
351	A next-generation microarray further reveals stage-enriched gene expression pattern in the blood fluke Schistosoma japonicum. <b>2017</b> , 10, 19	10
350	Protease Inhibitors of Parasitic Flukes: Emerging Roles in Parasite Survival and Immune Defence. <b>2017</b> , 33, 400-413	21
349	Integrated multi-omic analyses in Biomphalaria-Schistosoma dialogue reveal the immunobiological significance of FREP-SmPoMuc interaction. <b>2017</b> , 75, 16-27	21
348	The Echinococcus canadensis (G7) genome: a key knowledge of parasitic platyhelminth human diseases. <b>2017</b> , 18, 204	26
347	Identification and functional characterisation of a Schistosoma japonicum insulin-like peptide. <b>2017</b> , 10, 181	7
346	Controlling schistosomiasis with praziquantel: How much longer without a viable alternative?. <b>2017</b> , 6, 74	108
345	The Compatibility Between Biomphalaria glabrata Snails and Schistosoma mansoni: An Increasingly Complex Puzzle. <b>2017</b> , 97, 111-145	45

344	Increased taxon sampling reveals thousands of hidden orthologs in flatworms. <b>2017</b> , 27, 1263-1272	22
343	Genomics and transcriptomics of the Chinese liver fluke Clonorchis sinensis (Opisthorchiidae, Trematoda). <b>2017</b> , 51, 184-193	1
342	Independent evolution of genomic characters during major metazoan transitions. 2017, 427, 179-192	24
341	Whole genome analysis of a schistosomiasis-transmitting freshwater snail. 2017, 8, 15451	138
340	Identification and validation of a Schistosoma japonicum U6 promoter. <b>2017</b> , 10, 281	1
339	Resequencing Helminth Genomes for Population and Genetic Studies. <b>2017</b> , 33, 388-399	21
338	Structure and kinetics assays of recombinant Schistosoma mansoni dihydrofolate reductase. <b>2017</b> , 170, 190-196	6
337	Identification and first characterization of SmEps8, a potential interaction partner of SmTK3 and SER transcribed in the gonads of Schistosoma mansoni. <b>2017</b> , 180, 55-63	3
336	(Epi)genetic Inheritance in Schistosoma mansoni: A Systems Approach. <b>2017</b> , 33, 285-294	22
335	Hybridizations within the Genus Schistosoma: implications for evolution, epidemiology and control. <b>2017</b> , 144, 65-80	68
334	Recent advances in proteomic applications for schistosomiasis research: potential clinical impact. <b>2017</b> , 14, 171-183	8
333	Combined treatment of Biomphalaria glabrata infected by Schistosoma mansoni with oxamniquine and praziquantel: Reproductive histological and metabolic aspects. <b>2017</b> , 183, 6-12	
332	Molecular characterization of transport lectin vesicular integral membrane protein 36lkDa (VIP36) in the life cycle of Schistosoma mansoni. <b>2017</b> , 116, 2765-2773	2
331	The Schistosoma mansoni genome encodes thousands of long non-coding RNAs predicted to be functional at different parasite life-cycle stages. <b>2017</b> , 7, 10508	30
330	Exploiting Helminth-Host Interactomes through Big Data. <b>2017</b> , 33, 875-888	24
329	Pyrimidine metabolism in schistosomes: A comparison with other parasites and the search for potential chemotherapeutic targets. <b>2017</b> , 213, 55-80	16
328	Spectroscopic and calorimetric assays reveal dependence on dCTP and two metals (Zn+Mg) for enzymatic activity of Schistosoma mansoni deoxycytidylate (dCMP) deaminase. <b>2017</b> , 1865, 1326-1335	3
327	Penelope-like retrotransposons in the genome of the Asian blood fluke Schistosoma japonicum (Trematoda: Schistosomatidae). <b>2017</b> , 32, 21-28	

326	Isophthalic Acid-Based HDAC Inhibitors as Potent Inhibitors of HDAC8 from Schistosoma mansoni. <b>2017</b> , 350, 1700096	11
325	Stage and tissue expression patterns of Schistosoma mansoni venom allergen-like proteins SmVAL 4, 13, 16 and 24. <b>2017</b> , 10, 223	8
324	Changes in the neuropeptide content of Biomphalaria ganglia nervous system following Schistosoma infection. <b>2017</b> , 10, 275	18
323	A high-throughput colorimetric assay for detection of Schistosoma mansoni viability based on the tetrazolium salt XTT. <b>2017</b> , 10, 300	11
322	Schistosoma bovis-host interplay: Proteomics for knowing and acting. <b>2017</b> , 215, 30-39	8
321	Exploring the sexual diversity of flatworms: Ecology, evolution, and the molecular biology of reproduction. <b>2017</b> , 84, 120-131	19
320	Differential distribution and biochemical characteristics of hydrolases among developmental stages of Schistosoma mansoni may offer new anti-parasite targets. <b>2017</b> , 66, 816-820	1
319	Recombinant proteins of helminths with immunoregulatory properties and their possible therapeutic use. <b>2017</b> , 166, 202-211	16
318	Acetylcholinesterase and Nicotinic Acetylcholine Receptors in Schistosomes and Other Parasitic Helminths. <b>2017</b> , 22,	5
317	Infectious Disease Genomics. <b>2017</b> , 211-225	1
316	Gene Duplication Analysis Reveals No Ancient Whole Genome Duplication but Extensive Small-Scale Duplications during Genome Evolution and Adaptation of. <b>2017</b> , 7, 412	
		3
315	Parasites Subvert the Host Inflammatory Response through the Adenosine A2 Receptor to Promote the Establishment of Infection. <b>2017</b> , 8, 815	16
315 314	Parasites Subvert the Host Inflammatory Response through the Adenosine A2 Receptor to Promote the Establishment of Infection. <b>2017</b> , 8, 815  Signalling pathways in schistosomes: novel targets for control interventions against schistosomiasis. <b>2017</b> , 1, 633-639	
	Promote the Establishment of Infection. <b>2017</b> , 8, 815  Signalling pathways in schistosomes: novel targets for control interventions against	16
314	Promote the Establishment of Infection. 2017, 8, 815  Signalling pathways in schistosomes: novel targets for control interventions against schistosomiasis. 2017, 1, 633-639  Evidence for Integrin - Venus Kinase Receptor 1 Alliance in the Ovary of Schistosoma mansoni	16 1
314	Promote the Establishment of Infection. 2017, 8, 815  Signalling pathways in schistosomes: novel targets for control interventions against schistosomiasis. 2017, 1, 633-639  Evidence for Integrin - Venus Kinase Receptor 1 Alliance in the Ovary of Schistosoma mansoni Females Controlling Cell Survival. 2017, 13, e1006147  Whole Genome Amplification and Reduced-Representation Genome Sequencing of Schistosoma	16 1 8
314 313 312	Signalling pathways in schistosomes: novel targets for control interventions against schistosomiasis. 2017, 1, 633-639  Evidence for Integrin - Venus Kinase Receptor 1 Alliance in the Ovary of Schistosoma mansoni Females Controlling Cell Survival. 2017, 13, e1006147  Whole Genome Amplification and Reduced-Representation Genome Sequencing of Schistosoma japonicum Miracidia. 2017, 11, e0005292  MiR-277/4989 regulate transcriptional landscape during juvenile to adult transition in the parasitic	16 1 8 11

308	RNA interference in Fasciola gigantica: Establishing and optimization of experimental RNAi in the newly excysted juveniles of the fluke. <b>2017</b> , 11, e0006109	8
307	Improved genomic resources and new bioinformatic workflow for the carcinogenic parasite Clonorchis sinensis: Biotechnological implications. <b>2018</b> , 36, 894-904	13
306	Parent-of-Origin-Dependent Gene Expression in Male and Female Schistosome Parasites. <b>2018</b> , 10, 840-856	2
305	Vesicle-based secretion in schistosomes: Analysis of protein and microRNA (miRNA) content of exosome-like vesicles derived from Schistosoma mansoni. <b>2018</b> , 8, 3286	70
304	Diagnosis of schistosomiasis mansoni: an evaluation of existing methods and research towards single worm pair detection. <b>2018</b> , 145, 1355-1366	18
303	Serine proteases in schistosomes and other trematodes. <b>2018</b> , 48, 333-344	9
302	Landscape of the spliced leader trans-splicing mechanism in Schistosoma mansoni. 2018, 8, 3877	11
301	Design and synthesis of a new peptide derived from Fasciola gigantica cathepsin L1 with potential application in serodiagnosis of fascioliasis. <b>2018</b> , 189, 76-86	3
300	Nanomedicine Approaches Against Parasitic Worm Infections. 2018, 7, e1701494	7
299	Methionine residues lining the substrate pathway in prolyl oligopeptidase from Pleurotus eryngii play an important role in substrate recognition. <b>2018</b> , 82, 1107-1115	
298	The anti-fecundity effect of 5-azacytidine (5-AzaC) on Schistosoma mansoni is linked to dis-regulated transcription, translation and stem cell activities. <b>2018</b> , 8, 213-222	12
297	Parasitische WEmer (Helminthen) und Myxozoa. <b>2018</b> , 249-412	
296	Reasons to Be Nervous about Flukicide Discovery. <b>2018</b> , 34, 184-196	5
295	Evolutionary fates of universal stress protein paralogs in Platyhelminthes. <b>2018</b> , 18, 10	4
294	Advances in kinome research of parasitic worms - implications for fundamental research and applied biotechnological outcomes. <b>2018</b> , 36, 915-934	6
293	The Schistosoma mansoni lipidome: Leads for immunomodulation. <b>2018</b> , 1037, 107-118	31
292	Functional characterization of the Ca-ATPase SMA1 from. <b>2018</b> , 475, 289-303	4
291	Understanding host-parasite relationship: the immune central nervous system microenvironment and its effect on brain infections. <b>2018</b> , 145, 988-999	8

290	Evolutionary dynamics of the Wnt gene family: implications for lophotrochozoans. 2018, 36, 1720-1730	1
289	Genome-wide transcriptome profiling and spatial expression analyses identify signals and switches of development in tapeworms. <b>2018</b> , 9, 21	17
288	Host Adaptive Immune Status Regulates Expression of the Schistosome AMP-Activated Protein Kinase. <b>2018</b> , 9, 2699	2
287	Interactive online application for the prediction, ranking and prioritisation of drug targets in Schistosoma haematobium. <b>2018</b> , 11, 605	
286	Analysis of classical neurotransmitter markers in tapeworms: Evidence for extensive loss of neurotransmitter pathways. <b>2018</b> , 48, 979-992	6
285	Computationally-guided drug repurposing enables the discovery of kinase targets and inhibitors as new schistosomicidal agents. <b>2018</b> , 14, e1006515	14
284	Chemotherapy for Fighting Schistosomiasis: Past, Present and Future. <b>2018</b> , 13, 2374-2389	22
283	Predictions of novel Schistosoma mansoni - human protein interactions consistent with experimental data. <b>2018</b> , 8, 13092	3
282	Calmodulins from Schistosoma mansoni: Biochemical analysis and interaction with IQ-motifs from voltage-gated calcium channels. <b>2018</b> , 74, 1-13	5
281	Developmental Sensitivity in Schistosoma mansoni to Puromycin To Establish Drug Selection of Transgenic Schistosomes. <b>2018</b> , 62,	7
280	Whole genome amplification and exome sequencing of archived schistosome miracidia. <b>2018</b> , 145, 1739-1747	11
279	RNA interference in vivo in Schistosoma japonicum: Establishing and optimization of RNAi mediated suppression of gene expression by long dsRNA in the intra-mammalian life stages of worms. <b>2018</b> , 503, 1004-1010	13
278	Lessons along the Critical Path: Developing Vaccines against Human Helminths. 2018, 34, 747-758	32
277	Identification of 170 New Long Noncoding RNAs in. <b>2018</b> , 2018, 1264697	15
276	SmSP2: A serine protease secreted by the blood fluke pathogen Schistosoma mansoni with anti-hemostatic properties. <b>2018</b> , 12, e0006446	17
275	From Medicinal Chemistry to Human Health: Current Approaches to Drug Discovery for Cancer and Neglected Tropical Diseases. <b>2018</b> , 90, 645-661	10
274	Schistosoma japonicum IAP and Teg20 safeguard tegumental integrity by inhibiting cellular apoptosis. <b>2018</b> , 12, e0006654	8
273	A Role for Epitope Networking in Immunomodulation by Helminths. <b>2018</b> , 9, 1763	4

## (2019-2018)

272	Identification of long noncoding RNAs in Schistosoma mansoni and Schistosoma japonicum. <b>2018</b> , 191, 82-87	12
271	Stem cell heterogeneity drives the parasitic life cycle of. <b>2018</b> , 7,	35
270	Suppression of Acetylcholinesterase Affects Parasite Growth and Development. 2018, 19,	12
269	Effects of Polymorphisms in the SjSP-13 Gene of on Its Diagnostic Efficacy and Immunogenicity. <b>2018</b> , 9, 1695	3
268	Genetic Crosses and Linkage Mapping in Schistosome Parasites. <b>2018</b> , 34, 982-996	17
267	The small RNA complement of adult Schistosoma haematobium. <b>2018</b> , 12, e0006535	10
266	Schistosomiasis. <b>2018</b> , 4, 13	361
265	Tissue-specific transcriptome analyses provide new insights into GPCR signalling in adult Schistosoma mansoni. <b>2018</b> , 14, e1006718	17
264	Opisthorchis viverrini Draft Genome - Biomedical Implications and Future Avenues. 2018, 101, 125-148	3
263	Microexon gene transcriptional profiles and evolution provide insights into blood processing by the Schistosoma japonicum esophagus. <b>2018</b> , 12, e0006235	9
262	Discovery of novel PDE4A inhibitors as potential agents against schistosomiasis. <b>2019</b> , 11, 1703-1720	4
261	An improved genome assembly of the fluke Schistosoma japonicum. <b>2019</b> , 13, e0007612	25
260	Dicyemid Mesozoans: A Unique Parasitic Lifestyle and a Reduced Genome. <b>2019</b> , 11, 2232-2243	9
259	Comparative analysis of transcriptional profiles of Schistosoma japonicum adult worms derived from primary-infected and re-infected water buffaloes. <b>2019</b> , 12, 340	3
258	Trematode Genomics and Proteomics. <b>2019</b> , 1154, 411-436	3
257	Schistosomiasis. <b>2019</b> , 1154, 45-70	45
256	Ancient Hybridization and Adaptive Introgression of an Invadolysin Gene in Schistosome Parasites. <b>2019</b> , 36, 2127-2142	31
255	Development of Biarylalkyl Carboxylic Acid Amides with Improved Anti-schistosomal Activity. <b>2019</b> , 14, 1856-1862	3

254	Shortcuts to schistosomiasis drug discovery: The state-of-the-art. <b>2019</b> , 139-180	2
253	Drug Discovery and Development for Schistosomiasis. <b>2019</b> , 187-225	8
252	Structure-Reactivity Relationships on Substrates and Inhibitors of the Lysine Deacylase Sirtuin 2 from (Sirt2). <b>2019</b> , 62, 8733-8759	12
251	High-quality Schistosoma haematobium genome achieved by single-molecule and long-range sequencing. <b>2019</b> , 8,	26
250	Nuclear hormone receptors in parasitic Platyhelminths. <b>2019</b> , 233, 111218	4
249	Comparative study of excretory-secretory proteins released by Schistosoma mansoni-resistant, susceptible and naße Biomphalaria glabrata. <b>2019</b> , 12, 452	6
248	Similarities and differences in the biotransformation and transcriptomic responses of Caenorhabditis elegans and Haemonchus contortus to five different benzimidazole drugs. <b>2019</b> , 11, 13-29	21
247	Toxicity of a molluscicide candidate PPU07 against Oncomelania hupensis (Gredler, 1881) and local fish in field evaluation. <b>2019</b> , 222, 56-61	8
246	Whole-genome sequence of the bovine blood fluke Schistosoma bovis supports interspecific hybridization with S. haematobium. <b>2019</b> , 15, e1007513	27
245	Haem Biology in Metazoan Parasites - Ofhe Bright Side of HaemO2019, 35, 213-225	7
244	New insights from Opisthorchis felineus genome: update on genomics of the epidemiologically important liver flukes. <b>2019</b> , 20, 399	17
243	Identification of a new panel of reference genes to study pairing-dependent gene expression in Schistosoma mansoni. <b>2019</b> , 49, 615-624	7
242	In-depth proteomic characterization of Schistosoma haematobium: Towards the development of new tools for elimination. <b>2019</b> , 13, e0007362	18
241	Schistosoma mansoni does not and cannot oxidise fatty acids, but these are used for biosynthetic purposes instead. <b>2019</b> , 49, 647-656	12
240	On the Importance to Acknowledge Transposable Elements in Epigenomic Analyses. <b>2019</b> , 10,	11
239	MGERT: a pipeline to retrieve coding sequences of mobile genetic elements from genome assemblies. <b>2019</b> , 10, 21	1
238	Systematically improved in vitro culture conditions reveal new insights into the reproductive biology of the human parasite Schistosoma mansoni. <b>2019</b> , 17, e3000254	35
237	The role of fibroblast growth factor signalling in Echinococcus multilocularis development and host-parasite interaction. <b>2019</b> , 13, e0006959	18

236	Using a Systems Biology Approach To Study Host-Pathogen Interactions. <b>2019</b> , 7,	5
235	Extensive conservation of the proneuropeptide and peptide prohormone complement in mollusks. <b>2019</b> , 9, 4846	11
234	Gene Expression in Developmental Stages of Provides Further Insight into the Importance of the Schistosome Insulin-Like Peptide. <b>2019</b> , 20,	6
233	Histone deacetylase enzymes as potential drug targets of Neglected Tropical Diseases caused by cestodes. <b>2019</b> , 9, 120-132	7
232	Molecular evidence for distinct modes of nutrient acquisition between visceral and neurotropic schistosomes of birds. <b>2019</b> , 9, 1347	8
231	The ABL kinase inhibitor imatinib causes phenotypic changes and lethality in adult Schistosoma japonicum. <b>2019</b> , 118, 881-890	4
230	Non-sedating benzodiazepines cause paralysis and tissue damage in the parasitic blood fluke Schistosoma mansoni. <b>2019</b> , 13, e0007826	1
229	Peptides Derived of Kunitz-Type Serine Protease Inhibitor as Potential Vaccine Against Experimental Schistosomiasis. <b>2019</b> , 10, 2498	11
228	Novel cholinesterase paralogs of Schistosoma mansoni have perceived roles in cholinergic signalling and drug detoxification and are essential for parasite survival. <b>2019</b> , 15, e1008213	3
227	Evidence for densovirus integrations into tapeworm genomes. <b>2019</b> , 12, 560	3
226	The genetic basis of adaptive evolution in parasitic environment from the Angiostrongylus cantonensis genome. <b>2019</b> , 13, e0007846	7
225	Profiling Transcriptional Regulation and Functional Roles of c-Jun N-Terminal Kinase. <b>2019</b> , 10, 1036	3
224	Males, the Wrongly Neglected Partners of the Biologically Unprecedented Male-Female Interaction of Schistosomes. <b>2019</b> , 10, 796	3
223	Impact of transposable elements in the architecture of genes of the human parasite Schistosoma mansoni. <b>2019</b> , 228, 27-31	3
222	Whole-genome sequence of the oriental lung fluke Paragonimus westermani. <b>2019</b> , 8,	20
221	Bioinformatics in Latin America and SolBio impact, a tale of spin-off and expansion around genomes and protein structures. <b>2019</b> , 20, 390-397	1
220	Quantitative Proteomics of Enriched Esophageal and Gut Tissues from the Human Blood Fluke Pinpoints Secreted Proteins for Vaccine Development. <b>2020</b> , 19, 314-326	7
219	Recent advances in Schistosoma mekongi ecology, transcriptomics and proteomics of relevance to snail control. <b>2020</b> , 202, 105244	3

218	Interactions of amphipathic Helical MEG proteins from Schistosomamansoni with membranes. <b>2020</b> , 1862, 183173	3
217	Towards deorphanizing G protein-coupled receptors of using the MALAR yeast two-hybrid system. <b>2020</b> , 147, 865-872	1
216	Malacological survey to identify transmission sites for intestinal schistosomiasis on Ijinga Island, Mwanza, north-western Tanzania. <b>2020</b> , 203, 105289	7
215	Drug effects on metabolic profiles of Schistosoma mansoni adult male parasites detected by 1H-NMR spectroscopy. <b>2020</b> , 14, e0008767	3
214	Arachidonic Acid Is a Safe and Efficacious Schistosomicide, and an Endoschistosomicide in Natural and Experimental Infections, and Cysteine Peptidase Vaccinated Hosts. <b>2020</b> , 11, 609994	4
213	Molecular signatures of the rediae, cercariae and adult stages in the complex lifeltycles of parasitic flatworms (Digenea: Psilostomatidae). <b>2020</b> , 13, 559	1
212	Recombinant micro-exon gene 3 (MEG-3) antigens from Schistosoma mansoni failed to induce protection against infection but show potential for serological diagnosis. <b>2020</b> , 204, 105356	0
211	The esophageal gland mediates host immune evasion by the human parasite. <b>2020</b> , 117, 19299-19309	7
210	Functional characterization of Schistosoma mansoni fucosyltransferases in Nicotiana benthamiana plants. <b>2020</b> , 10, 18528	8
209	Duplex real-time PCR for sexing Schistosoma japonicum cercariae based on W chromosome-specific genes and its applications. <b>2020</b> , 14, e0008609	1
208	Single-cell atlas of the first intra-mammalian developmental stage of the human parasite Schistosoma mansoni. <b>2020</b> , 11, 6411	14
207	Complete representation of a tapeworm genome reveals chromosomes capped by centromeres, necessitating a dual role in segregation and protection. <b>2020</b> , 18, 165	10
206	The tapeworm interactome: inferring confidence scored protein-protein interactions from the proteome of Hymenolepis microstoma. <b>2020</b> , 21, 346	1
205	Transcriptome of the parasitic flatworm Schistosoma mansoni during intra-mammalian development. <b>2020</b> , 14, e0007743	9
204	Draft Genome of the Liver Fluke. <b>2020</b> , 5, 11084-11091	14
203	Inhibition of the NAD salvage pathway in schistosomes impairs metabolism, reproduction, and parasite survival. <b>2020</b> , 16, e1008539	3
202	Screening of a library of recombinant Schistosoma mansoni proteins with sera from murine and human controlled infections identifies early serological markers. <b>2020</b> ,	5
201	Schistosoma mansoni sarco/endoplasmic reticulum Ca ATPases (SERCA): role in reduced sensitivity to praziquantel. <b>2020</b> , 52, 397-408	5

## (2021-2020)

200	The antischistosomal potential of GSK-J4, an H3K27 demethylase inhibitor: insights from molecular modeling, transcriptomics and in vitro assays. <b>2020</b> , 13, 140	8
199	Revisited - Failure of tetrodotoxin to protect red-spotted newts, Notophthalmus viridescens, from endoparasites. <b>2020</b> , 178, 77-81	2
198	Deep phosphoproteome analysis of Schistosoma mansoni leads development of a kinomic array that highlights sex-biased differences in adult worm protein phosphorylation. <b>2020</b> , 14, e0008115	5
197	Heat shock protein 70 (Hsp70) in and its role in decreased adult worm sensitivity to praziquantel. <b>2020</b> , 147, 634-642	3
196	(+)-(R)- and (-)-(S)-Perhexiline maleate: Enantioselective synthesis and functional studies on Schistosoma mansoni larval and adult stages. <b>2020</b> , 102, 104067	O
195	Schistosomiasis-from immunopathology to vaccines. <b>2020</b> , 42, 355-371	40
194	Elucidating the molecular and developmental biology of parasitic nematodes: Moving to a multiomics paradigm. <b>2020</b> , 108, 175-229	12
193	Functional analysis of vasa/PL10-like genes in the ovary of Schistosoma mansoni. <b>2020</b> , 236, 111259	2
192	Chemotherapy for human schistosomiasis: how far have we come? What@ new? Where do we go from here?. <b>2020</b> , 11, 455-490	6
191	Post-genomic progress in helminth parasitology. <b>2020</b> , 147, 835-840	10
191	Post-genomic progress in helminth parasitology. <b>2020</b> , 147, 835-840  CRISPR/Cas9: A new tool for the study and control of helminth parasites. <b>2021</b> , 43, e2000185	10 7
190	CRISPR/Cas9: A new tool for the study and control of helminth parasites. <b>2021</b> , 43, e2000185  Granuloma formation and tissue pathology in Schistosoma japonicum versus Schistosoma mansoni	7
190	CRISPR/Cas9: A new tool for the study and control of helminth parasites. <b>2021</b> , 43, e2000185  Granuloma formation and tissue pathology in Schistosoma japonicum versus Schistosoma mansoni infections. <b>2021</b> , 43, e12778	7
190 189 188	CRISPR/Cas9: A new tool for the study and control of helminth parasites. <b>2021</b> , 43, e2000185  Granuloma formation and tissue pathology in Schistosoma japonicum versus Schistosoma mansoni infections. <b>2021</b> , 43, e12778  CRISPR/Cas9-mediated genome editing of Schistosoma mansoni acetylcholinesterase. <b>2021</b> , 35, e21205	7
190 189 188	CRISPR/Cas9: A new tool for the study and control of helminth parasites. 2021, 43, e2000185  Granuloma formation and tissue pathology in Schistosoma japonicum versus Schistosoma mansoni infections. 2021, 43, e12778  CRISPR/Cas9-mediated genome editing of Schistosoma mansoni acetylcholinesterase. 2021, 35, e21205  Sino-Africa Cooperation Project of Schistosomiasis Control: A Pathway Analysis. 2021, 77-90  Genetic architecture of transmission stage production and virulence in schistosome parasites. 2021,	7 8 9
190 189 188 187 186	CRISPR/Cas9: A new tool for the study and control of helminth parasites. 2021, 43, e2000185  Granuloma formation and tissue pathology in Schistosoma japonicum versus Schistosoma mansoni infections. 2021, 43, e12778  CRISPR/Cas9-mediated genome editing of Schistosoma mansoni acetylcholinesterase. 2021, 35, e21205  Sino-Africa Cooperation Project of Schistosomiasis Control: A Pathway Analysis. 2021, 77-90  Genetic architecture of transmission stage production and virulence in schistosome parasites. 2021, 12, 1508-1526	7 8 9

182 Epigenetic Markers Associated with Schistosomiasis. **2021**, 58, 28-40

181	Identifying and validating the presence of Guanine-Quadruplexes (G4) within the blood fluke parasite Schistosoma mansoni. <b>2021</b> , 15, e0008770	1
180	Immune Evasion Strategies of Schistosomes. <b>2020</b> , 11, 624178	4
179	Macrostomum lignano as a model to study the genetics and genomics of parasitic flatworms <b>2021</b> , 25, 108-116	
178	Genomics of the Parasitic Nematode and Its Relatives. <b>2021</b> , 12,	5
177	Identification of antigenic linear peptides in the soil-transmitted helminth and Schistosoma mansoni proteome. <b>2021</b> , 15, e0009369	1
176	High-quality reference genome ofFasciola gigantica: Insights into the genomic signatures of transposon-mediated evolution and specific parasitic adaption in tropical regions.	
175	Daily rhythms in the transcriptomes of the human parasite Schistosoma mansoni.	1
174	Evolution of Nuclear Receptors in Platyhelminths.	O
173	Genome of the giant panda roundworm illuminates its host shift and parasitic adaptation.	2
172	Island-specific evolution of a sex-primed autosome in the planarian Schmidtea mediterranea.	1
171	Spatial expression pattern of serine proteases in the blood fluke Schistosoma mansoni determined by fluorescence RNA in situ hybridization. <b>2021</b> , 14, 274	O
170	Schistosoma mansoni Heterochromatin Protein 1 (HP1) nuclear interactome in cercariae. <b>2021</b> , 239, 104170	
169	Serum proteomic profiling in patients with advanced Schistosoma japonicum-induced hepatic fibrosis. <b>2021</b> , 14, 232	3
168	Schistosomiasis Drug Discovery in the Era of Automation and Artificial Intelligence. <b>2021</b> , 12, 642383	2
167	To Be or Not to Be a Tapeworm Parasite: That Is the Post-Genomic Question in Taenia solium Cysticercosis.	O
166	Optimization of Expression and Purification of Schistosoma mansoni Antigens in Fusion with Rhizavidin. <b>2021</b> , 63, 983-991	2
165	Transposable Elements in the Genome of Human Parasite : A Review. <b>2021</b> , 6,	

## (2011-2021)

164	Sequencing and High-Contiguity Genome Assembly of Reveals Its Specific Fatty Acid Metabolism and Reproductive Stem Cell Regulatory Network. <b>2021</b> , 11, 693914	1
163	A Comparative Proteomic Analysis of Praziquantel-Susceptible and Praziquantel-Resistant Schistosoma mansoni Reveals Distinct Response Between Male and Female Animals. <b>2021</b> , 2,	1
162	Protein Kinases: Potential Drug Targets Against. <b>2021</b> , 11, 691757	2
161	Identification and evolution of nuclear receptors in Platyhelminths. 2021, 16, e0250750	O
160	Rational approach to drug discovery for human schistosomiasis. <b>2021</b> , 16, 140-147	2
159	Assembled chromosomes of the blood fluke Schistosoma mansoni provide insight into the evolution of its ZW sex-determination system.	3
158	Assessment of reference genes at six different developmental stages of Schistosoma mansoni for quantitative RT-PCR. <b>2021</b> , 11, 16816	1
157	The Search for a Schistosomiasis Vaccine: Australia@ Contribution. 2021, 9,	3
156	Satellite-Like W-Elements: Repetitive, Transcribed, and Putative Mobile Genetic Factors with Potential Roles for Biology and Evolution of Schistosoma mansoni. <b>2021</b> , 13,	1
155	Schistosome AMPK Is Required for Larval Viability and Regulates Glycogen Metabolism in Adult Parasites. <b>2021</b> , 12, 726465	
154	Single-cell deconstruction of stem-cell-driven schistosome development. <b>2021</b> , 37, 790-802	3
153	Crystallographic approach to fragment-based hit discovery against Schistosoma mansoni purine nucleoside phosphorylase. <b>2021</b> , 478, 3655-3670	
152	The function of twister ribozyme variants in non-LTR retrotransposition in Schistosoma mansoni. <b>2021</b> , 49, 10573-10588	O
151	Review: Schistosoma mansoni phosphatidylinositol 3 kinase (PI3K)/Akt/mechanistic target of rapamycin (mTOR) signaling pathway. <b>2021</b> , 256, 110632	1
150	Unveiling the Potential of Purinergic Signaling in Schistosomiasis Treatment. 2021, 21, 193-204	1
149	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <b>2021</b> , 17, 1-382	440
148	Harnessing Genomic Technologies to Explore the Molecular Biology of Liver Flukes-Major Implications for Fundamental and Applied Research. 73-87	1
147	Effects of Larval Schistosomes on Biomphalaria Snails. <b>2011</b> , 103-125	7

146	Cathepsins B1 and B2 of Trichobilharzia SPP., bird schistosomes causing cercarial dermatitis. <b>2011</b> , 712, 136-54	8
145	Selenoproteins in Parasites. <b>2011</b> , 471-479	2
144	Schistosomiasis. <b>2014</b> , 766, 47-75	34
143	Histone Methylome of the Human Parasite Schistosoma Mansoni. <b>2019</b> , 607-624	2
142	Evolution of Immunity and Pathogens. <b>2015</b> , 57, 1-20	10
141	Diversity and History as Drivers of Helminth Systematics and Biology. <b>2014</b> , 1-28	1
140	Helminth Cysteine Proteases. <b>2013</b> , 1949-1957	1
139	Gene silencing in parasites: current status and future prospects. <b>2012</b> , 78, 1-55	8
138	Schistosomiasis (Bilharziasis). <b>2012</b> , 2058-2060	1
137	Sawfly Genomes Reveal Evolutionary Acquisitions That Fostered the Mega-Radiation of Parasitoid and Eusocial Hymenoptera. <b>2020</b> , 12, 1099-1188	7
136	Phosphoglycerate kinase: structural aspects and functions, with special emphasis on the enzyme from Kinetoplastea. <b>2020</b> , 10, 200302	9
135	Increased taxon sampling reveals thousands of hidden orthologs in flatworms.	2
134	Complete representation of a tapeworm genome reveals chromosomes capped by centromeres, necessitating a dual role in segregation and protection.	2
133	Meta-analysis of RNA-seq studies reveals genes responsible for life stage-dominant functions in Schistosoma mansoni.	6
132	Comparative Proteomics Reveals Characteristic Proteins on Praziquantel-resistance inSchistosoma mansoni.	3
131	Programmed genome editing of the omega-1 ribonuclease 1 of the blood fluke,Schistosoma mansoni.	2
130	Draft genome of the liver fluke Fasciola gigantica.	2
129	Schistosoma mansoni does not and cannot oxidize fatty acids, but these are used for biosynthetic purposes instead.	1

128	Transcriptome of the parasitic flatworm Schistosoma mansoni during intra-mammalian development.	4
127	Alimentary Tract of Schistosoma. <b>2016</b> , 239-271	1
126	Cercaria ofSchistosoma. <b>2016</b> , 149-183	2
125	Systematic screening of 96 cell-surface and secreted antigens does not identify any strongly protective vaccine candidates in a mouse model of infection. <b>2019</b> , 4, 159	8
124	Human IgG1 Responses to Surface Localised Schistosoma mansoni Ly6 Family Members Drop following Praziquantel Treatment. <b>2015</b> , 9, e0003920	10
123	Comparative Transcriptomic Exploration Reveals Unique Molecular Adaptations of Neuropathogenic Trichobilharzia to Invade and Parasitize Its Avian Definitive Host. <b>2016</b> , 10, e0004406	16
122	Using C. elegans Forward and Reverse Genetics to Identify New Compounds with Anthelmintic Activity. <b>2016</b> , 10, e0005058	34
121	Genome-wide identification of molecular mimicry candidates in parasites. <b>2011</b> , 6, e17546	29
120	Global expression analysis revealed novel gender-specific gene expression features in the blood fluke parasite Schistosoma japonicum. <b>2011</b> , 6, e18267	27
119	HelmCoP: an online resource for helminth functional genomics and drug and vaccine targets prioritization. <b>2011</b> , 6, e21832	16
118	Transcriptome of small regulatory RNAs in the development of the zoonotic parasite Trichinella spiralis. <b>2011</b> , 6, e26448	15
117	Characterization of a truncated metabotropic glutamate receptor in a primitive metazoan, the parasitic flatworm Schistosoma mansoni. <b>2011</b> , 6, e27119	12
116	Insights into SCP/TAPS proteins of liver flukes based on large-scale bioinformatic analyses of sequence datasets. <b>2012</b> , 7, e31164	22
115	SmSak, the second Polo-like kinase of the helminth parasite Schistosoma mansoni: conserved and unexpected roles in meiosis. <b>2012</b> , 7, e40045	18
114	Novel RNAi-mediated approach to G protein-coupled receptor deorphanization: proof of principle and characterization of a planarian 5-HT receptor. <b>2012</b> , 7, e40787	11
113	Discovery of platyhelminth-specific 如integrin families and evidence for their role in reproduction in Schistosoma mansoni. <b>2012</b> , 7, e52519	17
112	The carcinogenic liver fluke, Clonorchis sinensis: new assembly, reannotation and analysis of the genome and characterization of tissue transcriptomes. <b>2013</b> , 8, e54732	66
111	Chemical and genetic validation of the statin drug target to treat the helminth disease, schistosomiasis. <b>2014</b> , 9, e87594	51

110	Proteomic Analysis of the Schistosoma mansoni Miracidium. <b>2016</b> , 11, e0147247	25
109	Effects of proteasome inhibitor MG-132 on the parasite Schistosoma mansoni. <b>2017</b> , 12, e0184192	8
108	Schistosoma mansoni Polo-like kinases and their function in control of mitosis and parasite reproduction. <b>2011</b> , 83, 627-35	12
107	Progress with schistosome transgenesis. <b>2011</b> , 106, 785-93	6
106	Towards an understanding of the epigenetics of schistosomes: a comparative epigenomic study. <b>2011</b> , 106, 823-30	8
105	The Mechanism of Action of Praziquantel: Can New Drugs Exploit Similar Mechanisms?. <b>2020</b> , 27, 676-696	18
104	Adaptive Hooke-Jeeves-evolutionary algorithm for linear equality constrained problems. <b>2018</b> , 5, 122-130	2
103	Functional genes and proteins of Clonorchis sinensis. <b>2009</b> , 47 Suppl, S59-68	25
102	Comparative Immunomic Analysis of Schistosoma japonicum Soluble Egg Antigens Reacting with Patient Sera Before and after Praziquantel Treatment. <b>2012</b> , 11, 2828-2838	2
101	Characterization of randomly amplified polymorphic DNA (RAPD) fragments revealing clonal variability in cercariae of avian schistosome <i>Trichobilharzia szidati</i> (Trematoda: Schistosomatidae). <b>2013</b> , 03, 141-158	4
100	Applications of RNA Interference in Schistosomiasis: Gene Function Identification and Development of New Therapies. <b>2013</b> , 2013, 247036	2
99	On the trail of a tropical disease. <b>2013</b> , 2, e01115	2
98	Nuclear genomic signals of the @nicroturbellarian@oots of platyhelminth evolutionary innovation. <b>2015</b> , 4,	108
97	A mex3 homolog is required for differentiation during planarian stem cell lineage development. <b>2015</b> , 4,	65
96	Programmed genome editing of the omega-1 ribonuclease of the blood fluke,. <b>2019</b> , 8,	51
95	Clusters of polymorphic transmembrane genes control resistance to schistosomes in snail vectors. <b>2020</b> , 9,	7
94	High-quality reference genome of Fasciola gigantica: Insights into the genomic signatures of transposon-mediated evolution and specific parasitic adaption in tropical regions. <b>2021</b> , 15, e0009750	4
93	Parasite Survival and Disease Persistence in Cystic Fibrosis, Schistosomiasis and Pathogenic Bacterial Diseases: A Role for Universal Stress Proteins?. <b>2021</b> , 22,	2

92	Cestodes in the genomic era. <b>2021</b> , 1	1
91	Genomic analysis of a parasite invasion: colonization of the Americas by the blood fluke, Schistosoma mansoni.	O
90	Rhesus macaques self-curing from a schistosome infection can display complete immunity to challenge. <b>2021</b> , 12, 6181	2
89	Sequencing unlocks secrets of blood parasites. <i>Nature</i> ,	50.4
88	Advances in the Genomics and Proteomics of the Freshwater Intermediate Snail Host of Schistosoma mansoni, Biomphalaria glabrata. <b>2011</b> , 191-213	1
87	E Schistosoma mansoni at the molecular and cellular biology of helminth parasites VI meeting. <b>2011</b> , 83, 355-6	O
86	Schistosomiasis Vaccines - New Approaches to Antigen Discovery and Promising New Candidates. 421-	433
85	Molecular Pathology of Pulmonary Parasitic Diseases. <b>2013</b> , 15-34	O
84	Development and Use of qPCR Assays for Detection and Study of Neglected Tropical and Emerging Infectious Diseases. <b>2013</b> , 209-220	
83	Functional Genomics of Serotonin Receptors in Helminth Parasites: Elucidation of Receptor Function Through RNA Interference (RNAi). <b>2015</b> , 171-189	
82	Gene-Based Malaria Vaccines. <b>2016</b> , 802-810	
81	SchistosomaEgg. <b>2016</b> , 56-76	
80	SchistosomaSporocysts. <b>2016</b> , 118-148	2
79	Ova and Oogenesis inSchistosoma. <b>2016</b> , 320-332	
78	Penelope-like retrotransposons in the genome of asian blood fluke Schisto-soma Japonicum (Trematoda: Schistosomatidae). <b>2017</b> , 35, 20	
77	Predictions of Protein-Protein Interactions in Schistosoma Mansoni.	
76	Identification and characterization of sodium and chloride-dependent gamma-aminobutyric acid (GABA) transporters from eukaryotic pathogens as a potential drug target. <b>2018</b> , 14, 21-30	O
75	Systematically improved in vitro culture conditions reveal new insights into the reproductive biology of the human parasite Schistosoma mansoni.	

74	The role of fibroblast growth factor signalling in Echinococcus multilocularis development and host-parasite interaction.	1
73	Thein vivotranscriptome of Schistosoma mansoniin two prominent vector species, Biomphalaria pfeifferiand B. glabrata.	O
72	In-depth proteomic characterization of Schistosoma haematobium: towards the development of new tools for elimination.	
71	Fifty Years of Supporting Global Health Research at the NIH Fogarty International Center. <b>2019</b> , 85,	3
70	Ancient hybridization and introgression of an invadolysin gene in schistosome parasites.	O
69	A library of cell-surface and secreted proteins fromSchistosoma mansoniidentifies early serological markers of infection.	1
68	Molecular signatures of the rediae, cercariae and adult worm stages in the complex life cycles of parasitic flatworms (Psilostomatidae, Trematoda).	
67	Novel cholinesterase paralogs of Schistosoma mansoni have perceived roles in cholinergic signaling, glucose scavenging and drug detoxification and are essential for parasite survival.	
66	Peptides derived of kunitz-type serine protease inhibitor as potential vaccine against experimental schistosomiasis.	1
65	Non-sedating benzodiazepines cause contractile paralysis and tissue damage in the parasitic blood fluke Schistosoma mansoni.	
64	Using a Systems Biology Approach To Study Host-Pathogen Interactions. 337-347	
63	Molecular Context of ADP-ribosylation in Schistosomes for Drug Discovery and Vaccine Development. <b>2021</b> , 18, 473-484	
62	Genetic architecture of transmission stage production and virulence in schistosome parasites.	
61	Genome assembly and transcriptome analysis provide insights into the antischistosome mechanism of Microtus fortis. <b>2020</b> , 47, 743-755	O
60	Comparative characterization of microRNAs of Schistosoma japonicum from SCID mice and BALB/c mice: Clues to the regulation of parasite growth and development. <b>2022</b> , 225, 106200	1
59	Schistosoma Mansoni.	O
58	Identification of Transposable Elements in Schistosoma mansoni. <b>2020</b> , 2151, 135-144	
57	Computer-Aided Drug Design for the Identification of Novel Antischistosomal Compounds. <b>2020</b> , 2151, 9-26	

56 CRISPR/Cas9-mediated genome editing of Schistosoma mansoni acetylcholinesterase.

55	Genomics and proteomics of the liver fluke Opisthorchis felineus. <b>2020</b> , 24, 383-390	1
54	Genome assembly and transcriptome analysis provide insights into the anti-schistosome mechanism of Microtus fortis.	
53	The evolution of TNF signaling in platyhelminths suggests the cooptation of TNF receptor in the host-parasite interplay. <b>2020</b> , 13, 491	Ο
52	Identifying and validating the presence of Guanine-Quadruplexes (G4) within the blood fluke parasite Schistosoma mansoni.	
51	The redox biology of schistosome parasites and applications for drug development. <b>2012</b> , 18, 3595-611	16
50	Current Understandings of Molecular Biology of Echinococcus multilocularis, a Pathogen for Alveolar Echinococcosis in Humans- a Narrative Review Article. <b>2015</b> , 10, 329-37	2
49	Genome-wide transcriptome analysis of the early developmental stages of Echinococcus granulosus protoscoleces reveals extensive alternative splicing events in the spliceosome pathway. <b>2021</b> , 14, 574	O
48	Hepatic CYP3A4 Enzyme Compensatively Maintains Endogenous Geranylgeranoic Acid Levels in -Knockout Human Hepatoma Cells <b>2022</b> , 12,	
47	Genomic analysis of a parasite invasion: colonization of the Americas by the blood fluke, Schistosoma mansoni <b>2022</b> ,	1
46	Sifting through the mud: A tale of building the annelid Capitella teleta for EvoDevo studies <b>2022</b> , 147, 401-432	1
45	Expanding interactome analyses beyond model eukaryotes 2022,	O
44	Vaccines for Human Schistosomiasis: Recent Progress, New Developments and Future Prospects <b>2022</b> , 23,	1
43	G-quadruplexes in helminth parasites 2022,	O
42	Metagenome-Assembled Genomes Reveal Mechanisms of Carbohydrate and Nitrogen Metabolism of Schistosomiasis-Transmitting Vector <b>2022</b> , e0184321	1
41	The Schistosoma mansoni huclear receptor FTZ-F1 maintains esophageal gland function via transcriptional regulation of meg-8.3 <b>2021</b> , 17, e1010140	O
40	lmage_1.tif. <b>2019</b> ,	
39	Presentation_1.pdf. <b>2019</b> ,	

38	Table_2.csv. <b>2019</b> ,	
37	Data_Sheet_1.pdf. <b>2018</b> ,	
36	DataSheet_1.pdf. <b>2019</b> ,	
35	Table_1.xlsx. <b>2019</b> ,	
34	Data_Sheet_1.PDF. <b>2018</b> ,	
33	Data_Sheet_1.PDF. <b>2018</b> ,	
32	Table_1.xls. <b>2019</b> ,	
31	Perspective Chapter: Molecular Crosstalk and Signal Transduction between Platyhelminths and Their Hosts.	О
30	The Genomes of Two Strains of Taenia crassiceps the Animal Model for the Study of Human Cysticercosis. <b>2022</b> , 12,	О
29	The Road to Elimination: Current State of Schistosomiasis Research and Progress Towards the End Game <b>2022</b> , 13, 846108	2
28	Analysis of rhodopsin G protein-coupled receptor orthologs reveals semiochemical peptides for parasite (Schistosoma mansoni) and host (Biomphalaria glabrata) interplay <b>2022</b> , 12, 8243	О
27	Evolutionary Adaptations of Parasitic Flatworms to Different Oxygen Tensions. 2022, 11, 1102	О
26	Fluconazole as Schistosoma mansoni cytochrome P450 inhibitor: In vivo murine experimental study. <b>2022</b> , 108291	О
25	Schistosoma mansoni Fibroblast Growth Factor Receptor A Orchestrates Multiple Functions in Schistosome Biology and in the Host-Parasite Interplay. 13,	О
24	Docking-Based Virtual Screening Enables Prioritizing Protein Kinase Inhibitors With In Vitro Phenotypic Activity Against Schistosoma mansoni. 12,	О
23	Chromosome-level genome assembly defines female-biased genes associated with sex determination and differentiation in the human blood fluke Schistosoma japonicum.	
22	Evolutionary analysis of globin domains from kinetoplastids. <b>2022</b> , 204,	
21	Specific Nucleic AcId Ligation for the detection of Schistosomes: SNAILS. <b>2022</b> , 16, e0010632	

CRISPR interference for Sequence-Specific Regulation of Fibroblast Growth Factor Receptor A in Schistosoma mansoni.

19	Parasite OMICS, the grand challenges ahead. 1,	
18	Disulfiram and dithiocarbamate analogues demonstrate promising antischistosomal effects. <b>2022</b> , 242, 114641	1
17	New challenges for the control of human schistosomiasis: The possible impact of wild rodents in Schistosoma mansoni transmission. <b>2022</b> , 236, 106677	O
16	Schistosoma mansoni cercarial invadolysin cleaves complement C3 and suppresses proinflammatory cytokine production.	0
15	Prospects for genomic surveillance for selection in schistosome parasites. 2,	0
14	Compatibility between snails and schistosomes: insights from new genetic resources, comparative genomics, and genetic mapping. <b>2022</b> , 5,	0
13	Targeted insertion of reporter transgene into a gene safe harbor in human blood fluke, Schistosoma mansoni.	0
12	Identification of Putative Neuropeptides That Alter the Behaviour of Schistosoma mansoni Cercariae. <b>2022</b> , 11, 1344	1
11	Identification of Schistosoma mansoni miracidia attractant candidates in infected Biomphalaria glabrata using behaviour-guided comparative proteomics. 13,	0
10	Molecular insights into the heat shock proteins of the human parasitic blood fluke Schistosoma mansoni. <b>2022</b> , 15,	0
9	Draft genome of the bluefin tuna blood fluke, Cardicola forsteri. <b>2022</b> , 17, e0276287	0
8	Environmental DNA in human and veterinary parasitology - Current applications and future prospects for monitoring and control. <b>2022</b> , e00183	0
7	Classification of Parasites. <b>2023</b> , 1322-1324.e1	0
6	CRISPR interference for sequence-specific regulation of fibroblast growth factor receptor A in Schistosoma mansoni. 13,	0
5	Proteomic analysis of Taenia solium cysticercus and adult stages. 9,	1
4	The mRNA Vaccine Technology Era and the Future Control of Parasitic Infections.	1
3	Biochanin A in murine Schistosoma mansoni infection: effects on inflammation, oxidative stress and fibrosis. <b>2023</b> , 97,	O

A cercarial invadolysin interferes with the host immune response and facilitates infection establishment of Schistosoma mansoni. **2023**, 19, e1010884

О

Cloning, characterization, and inhibition of the novel 🛭 carbonic anhydrase from parasitic blood fluke, Schistosoma mansoni. **2023**, 38,

О