

Glycomic Analysis of Life Stages of the Human Parasite Developmental Expression Profiles of Functional and A

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Schistosoma mansoni 1,3-fucosyltransferase-F generates the Lewis X antigen. Glycobiology, 2015, 26, cww103.	1.3	7
2	Surface expression patterns of defined glycan antigens change during Schistosoma mansoni cercarial transformation and development of schistosomula. Glycobiology, 2015, 25, 1465-1479.	1.3	21
3	Comprehensive Transcriptome Analysis of Sex-Biased Expressed Genes Reveals Discrete Biological and Physiological Features of Male and Female Schistosoma japonicum. PLoS Neglected Tropical Diseases, 2016, 10, e0004684.	1.3	43
4	Tegument Glycoproteins and Cathepsins of Newly Excysted Juvenile Fasciola hepatica Carry Mannosidic and Paucimannosidic N-glycans. PLoS Neglected Tropical Diseases, 2016, 10, e0004688.	1.3	32
5	Novel O-linked methylated glycan antigens decorate secreted immunodominant glycoproteins from the intestinal nematode Heligmosomoides polygyrus. International Journal for Parasitology, 2016, 46, 157-170.	1.3	16
6	Glycomics: revealing the dynamic ecology and evolution of sugar molecules. Journal of Proteomics, 2016, 135, 90-100.	1.2	41
7	Sweet secrets of a therapeutic worm: mass-spectrometric N-glycomic analysis of Trichuris suis. Analytical and Bioanalytical Chemistry, 2016, 408, 461-471.	1.9	27
8	The Tao survivorship of schistosomes: implications for schistosomiasis control. International Journal for Parasitology, 2016, 46, 453-463.	1.3	19
9	Identification of Antigenic Glycans from Schistosoma mansoni by Using a Shotgun Egg Glycan Microarray. Infection and Immunity, 2016, 84, 1371-1386.	1.0	27
10	The fucomic potential of mosquitoes: Fucosylated N-glycan epitopes and their cognate fucosyltransferases. Insect Biochemistry and Molecular Biology, 2016, 68, 52-63.	1.2	17
11	Local Antiglycan Antibody Responses to Skin Stage and Migratory Schistosomula of Schistosoma japonicum. Infection and Immunity, 2016, 84, 21-33.	1.0	8
12	A next-generation microarray further reveals stage-enriched gene expression pattern in the blood fluke Schistosoma japonicum. Parasites and Vectors, 2017, 10, 19.	1.0	16
13	Helminth glycomics – glycan repertoires and host-parasite interactions. Molecular and Biochemical Parasitology, 2017, 215, 47-57.	0.5	51
14	Gender and developmental specific N-glycomes of the porcine parasite Oesophagostomum dentatum. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 418-430.	1.1	29
15	Mass Spectrometry and Metabolomics – New Approaches for Helminth Biochemical Studies. , 0, , .		2
16	Specific Pathogen Recognition by Multiple Innate Immune Sensors in an Invertebrate. Frontiers in Immunology, 2017, 8, 1249.	2.2	58
17	Changes in surface glycosylation and glycocalyx shedding in Trichobilharzia regenti (Schistosomatidae) during the transformation of cercaria to schistosomulum. PLoS ONE, 2017, 12, e0173217.	1.1	21
18	The anti-fecundity effect of 5-azacytidine (5-AzaC) on Schistosoma mansoni is linked to dis-regulated transcription, translation and stem cell activities. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 213-222.	1.4	18

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19	The <i>Schistosoma mansoni</i> lipidome: Leads for immunomodulation. <i>Analytica Chimica Acta</i> , 2018, 1037, 107-118.	2.6	46
20	Identification of dominant anti-glycan IgE responses in school children by glycan microarray. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1130-1133.	1.5	18
21	Antibody responses to <i>Schistosoma mansoni</i> schistosomula antigens. <i>Parasite Immunology</i> , 2018, 40, e12591.	0.7	10
22	Glycan Microarray-Assisted Identification of IgG Subclass Targets in Schistosomiasis. <i>Frontiers in Immunology</i> , 2018, 9, 2331.	2.2	17
23	In silico analyses of protein glycosylating genes in the helminth <i>Fasciola hepatica</i> (liver fluke) predict protein-linked glycan simplicity and reveal temporally-dynamic expression profiles. <i>Scientific Reports</i> , 2018, 8, 11700.	1.6	13
24	Metazoan Parasite Vaccines: Present Status and Future Prospects. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 67.	1.8	59
25	Dectin-1-induced autocrine PGE2 signaling licenses dendritic cells to prime Th2 responses. <i>PLoS Biology</i> , 2018, 16, e2005504.	2.6	79
26	Best-first search guided multistage mass spectrometry-based glycan identification. <i>Bioinformatics</i> , 2019, 35, 2991-2997.	1.8	7
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28	Comparisons of N-glycans across invertebrate phyla. <i>Parasitology</i> , 2019, 146, 1733-1742.	0.7	26
29	Galectin-2 suppresses nematode development by binding to the invertebrate-specific galactose ² 1-4fucose glyco-epitope. <i>Glycobiology</i> , 2019, 29, 504-512.	1.3	6
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31	Males, the Wrongly Neglected Partners of the Biologically Unprecedented Male-Female Interaction of Schistosomes. <i>Frontiers in Genetics</i> , 2019, 10, 796.	1.1	13
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33	Highly modified and immunoreactive N-glycans of the canine heartworm. <i>Nature Communications</i> , 2019, 10, 75.	5.8	36
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36	<i>Macrobrychium rosenbergii</i> nodavirus virus-like particles attach to fucosylated glycans in the gills of the giant freshwater prawn. <i>Cellular Microbiology</i> , 2020, 22, e13258.	1.1	2

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38	DC-SIGN mediated internalisation of glycosylated extracellular vesicles from <i>Schistosoma mansoni</i> increases activation of monocyte-derived dendritic cells. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1753420.	5.5	41
39	Unique glycan and lipid composition of helminth-derived extracellular vesicles may reveal novel roles in host-parasite interactions. <i>International Journal for Parasitology</i> , 2020, 50, 647-654.	1.3	12
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44	Glycomics, Glycoproteomics, and Glycogenomics: An Inter-Taxa Evolutionary Perspective. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100024.	2.5	27
45	N-glycome and N-glycoproteome of a hematophagous parasitic nematode <i>Haemonchus</i> . <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2486-2496.	1.9	12
46	ANALYSIS OF CARBOHYDRATES AND GLYCOCONJUGATES BY MATRIX-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY: AN UPDATE FOR 2015–2016. <i>Mass Spectrometry Reviews</i> , 2021, 40, 408-565.	2.8	18
47	Synthesis and Antibody Binding Studies of Schistosome-Derived Oligo-(1-2)-l-Fucosides. <i>Molecules</i> , 2021, 26, 2246.	1.7	1
48	Revisiting the Mechanisms of Immune Evasion Employed by Human Parasites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 702125.	1.8	30
49	Chemoenzymatic Synthesis of Complex N-Glycans of the Parasite <i>S. mansoni</i> to Examine the Importance of Epitope Presentation on DC-SIGN recognition. <i>Angewandte Chemie</i> , 2021, 133, 19436-19445.	1.6	1
50	Chemoenzymatic Synthesis of Complex N-Glycans of the Parasite <i>S. mansoni</i> to Examine the Importance of Epitope Presentation on DC-SIGN recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19287-19296.	7.2	12
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55	<i>Fasciola hepatica</i> Surface Coat Glycoproteins Contain Mannosylated and Phosphorylated N-glycans and Exhibit Immune Modulatory Properties Independent of the Mannose Receptor. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004601.	1.3	39

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60	Mass Spectrometric and Glycan Microarray-Based Characterization of the Filarial Nematode <i>Brugia malayi</i> Glycome Reveals Anionic and Zwitterionic Glycan Antigens. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100201.	2.5	17
61	Helminth Glycans at the Host-Parasite Interface and Their Potential for Developing Novel Therapeutics. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 807821.	1.6	5
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