

A Trematode Parasite Derived Growth Factor Binds and Functions via Host Cytokine Receptor Complexes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A novel ex vivo immunoproteomic approach characterising <i>Fasciola hepatica</i> tegumental antigens identified using immune antibody from resistant sheep. <i>International Journal for Parasitology</i> , 2017, 47, 555-567.	1.3	20
2	De novo transcriptome sequencing and analysis of the juvenile and adult stages of <i>Fasciola gigantica</i> . <i>Infection, Genetics and Evolution</i> , 2017, 51, 33-40.	1.0	18
3	A structurally distinct TGF- β 2 mimic from an intestinal helminth parasite potently induces regulatory T cells. <i>Nature Communications</i> , 2017, 8, 1741.	5.8	159
4	Heme-Oxygenase-1 Expression Contributes to the Immunoregulation Induced by <i>Fasciola hepatica</i> and Promotes Infection. <i>Frontiers in Immunology</i> , 2017, 8, 883.	2.2	26
5	TGF- β 2 mimic proteins form an extended gene family in the murine parasite <i>Heligmosomoides polygyrus</i> . <i>International Journal for Parasitology</i> , 2018, 48, 379-385.	1.3	39
6	Generating a core cluster of <i>Fasciola hepatica</i> virulence and immunomodulation-related genes using a comparative in silico approach. <i>Research in Veterinary Science</i> , 2018, 117, 271-276.	0.9	3
7	Modulation of Host Immunity by Helminths: The Expanding Repertoire of Parasite Effector Molecules. <i>Immunity</i> , 2018, 49, 801-818.	6.6	287
8	Immunomodulation by Helminths: Intracellular Pathways and Extracellular Vesicles. <i>Frontiers in Immunology</i> , 2018, 9, 2349.	2.2	92
9	<i>Fasciola hepatica</i> , TGF- β 2 and host mimicry: the enemy within. <i>Current Opinion in Microbiology</i> , 2018, 46, 80-85.	2.3	6
10	Helminth Infections: Recognition and Modulation of the Immune Response by Innate Immune Cells. <i>Frontiers in Immunology</i> , 2018, 9, 664.	2.2	99
11	Intranasal delivery of a formulation containing stage-specific recombinant proteins of <i>Fasciola hepatica</i> cathepsin L5 and cathepsin B2 triggers an anti-fecundity effect and an adjuvant-mediated reduction in fluke burden in sheep. <i>Veterinary Parasitology</i> , 2018, 258, 14-23.	0.7	15
12	miR-455-3p Alleviates Hepatic Stellate Cell Activation and Liver Fibrosis by Suppressing HSF1 Expression. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 758-769.	2.3	57
13	<i>Fasciola hepatica</i> -Derived Molecules as Regulators of the Host Immune Response. <i>Frontiers in Immunology</i> , 2020, 11, 2182.	2.2	42
14	Recent Progress in the Development of Liver Fluke and Blood Fluke Vaccines. <i>Vaccines</i> , 2020, 8, 553.	2.1	28
15	Molecular characterisation and vaccine efficacy of two novel developmentally regulated surface tegument proteins of <i>Fasciola hepatica</i> . <i>Veterinary Parasitology</i> , 2020, 286, 109244.	0.7	9
16	Expansion of Host Regulatory T Cells by Secreted Products of the Tapeworm <i>Echinococcus multilocularis</i> . <i>Frontiers in Immunology</i> , 2020, 11, 798.	2.2	24
17	<i>Fasciola hepatica</i> -derived molecules as potential immunomodulators. <i>Acta Tropica</i> , 2020, 210, 105548.	0.9	6
18	Regulatory T cells in helminth infection: induction, function and therapeutic potential. <i>Immunology</i> , 2020, 160, 248-260.	2.0	69

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19	Amygdalin inhibits TGF β 1-induced activation of hepatic stellate cells (HSCs) in vitro and CCl4-induced hepatic fibrosis in rats in vivo. <i>International Immunopharmacology</i> , 2021, 90, 107151.	1.7	23
20	Insights into <i>Fasciola hepatica</i> Juveniles: Crossing the Fasciolosis Rubicon. <i>Trends in Parasitology</i> , 2021, 37, 35-47.	1.5	25
21	An Evaluation of the <i>Fasciola hepatica</i> miRnome Predicts a Targeted Regulation of Mammalian Innate Immune Responses. <i>Frontiers in Immunology</i> , 2020, 11, 608686.	2.2	12
22	The characteristics of regulatory macrophages and their roles in transplantation. <i>International Immunopharmacology</i> , 2021, 91, 107322.	1.7	16
23	Mining Helminths for Novel Therapeutics. <i>Trends in Molecular Medicine</i> , 2021, 27, 345-364.	3.5	16
24	A host-independent role for <i>Fasciola hepatica</i> transforming growth factor-like molecule in parasite development. <i>International Journal for Parasitology</i> , 2021, 51, 481-492.	1.3	2
25	Transcriptomic Analysis of Ovine Hepatic Lymph Node Following <i>Fasciola hepatica</i> Infection – Inhibition of NK Cell and IgE-Mediated Signaling. <i>Frontiers in Immunology</i> , 2021, 12, 687579.	2.2	9
26	Genome-Wide Association Study Using Whole-Genome Sequence Data for Fertility, Health Indicator, and Endoparasite Infection Traits in German Black Pied Cattle. <i>Genes</i> , 2021, 12, 1163.	1.0	10
27	The multi-faceted roles of TGF- β 2 in regulation of immunity to infection. <i>Advances in Immunology</i> , 2021, 150, 1-42.	1.1	8
28	Evasion of Host Immunity During <i>Fasciola hepatica</i> Infection. <i>Methods in Molecular Biology</i> , 2020, 2137, 107-115.	0.4	6
30	A Complex Proteomic Response of the Parasitic Nematode <i>Anisakis simplex</i> s.s. to <i>Escherichia coli</i> Lipopolysaccharide. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100166.	2.5	3
31	Evaluation of Immunogenicity and Efficacy of <i>Fasciola hepatica</i> Tetraspanin 2 (TSP2) Fused to <i>E. coli</i> Heat-Labile Enterotoxin B Subunit LTB Adjuvant Following Intranasal Vaccination of Cattle. <i>Vaccines</i> , 2021, 9, 1213.	2.1	7
33	Macrophage regulation & function in helminth infection. <i>Seminars in Immunology</i> , 2021, 53, 101526.	2.7	25
34	Effect of miR-183-5p on Cholestatic Liver Fibrosis by Regulating Fork Head Box Protein O1 Expression. <i>Frontiers in Physiology</i> , 2021, 12, 737313.	1.3	2
35	Helminth Therapy for Immune-Mediated Inflammatory Diseases: Current and Future Perspectives. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 475-491.	1.6	13
36	Bovine Natural Antibody Relationships to Specific Antibodies and <i>Fasciola hepatica</i> Burdens after Experimental Infection and Vaccination with Glutathione S-Transferase. <i>Veterinary Sciences</i> , 2022, 9, 58.	0.6	3
37	Parasitomimetics: Can We Utilize Parasite-Derived Immunomodulatory Molecules for Interventions to Immunological Disorders?. <i>Frontiers in Immunology</i> , 2022, 13, 824695.	2.2	1
38	Eg95: A Vaccine against Cystic Echinococcosis. , 0, , .		0

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39	Schistosome immunomodulators. PLoS Pathogens, 2021, 17, e1010064.	2.1	25
45	Moniezia benedeni Infection Restrain IgA+, IgG+, and IgM+ Cells Residence in Sheep (Ovis aries) Small Intestine. Frontiers in Veterinary Science, 2022, 9, 878467.	0.9	7
46	Exploring the role of macrophages in determining the pathogenesis of liver fluke infection. Parasitology, 2022, 149, 1364-1373.	0.7	6
47	miR-345-5p curbs hepatic stellate cell activation and liver fibrosis progression by suppressing hypoxia-inducible factor-1alpha expression. Toxicology Letters, 2022, 370, 42-52.	0.4	7
48	Identification and expression of a transforming growth factor beta (TGF- β 2) homologue in the tropical liver fluke Fasciola gigantica. Parasitology Research, 2022, 121, 3547-3559.	0.6	1
50	Proteomic analysis of exosome-like vesicles from Fasciola gigantica adult worm provides support for new vaccine targets against fascioliasis. Parasites and Vectors, 2023, 16, .	1.0	4
55	Reconstruction of the TGF- β 2 signaling pathway of Fasciola gigantica. Parasitology Research, 2024, 123, .	0.6	0