

# Resistance of *Trypanosoma cruzi* to killing by macrophages

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cutaneous leishmaniasis. Archives of Dermatological Research, 1976, 257, 195-201.	1.9	10
2	Role of Activated Macrophages in Resistance of Mice to Infection with <i>Trypanosoma cruzi</i> . Journal of Infectious Diseases, 1976, 134, 610-614.	4.0	35
3	<i>Trypanosoma cruzi</i> : mechanism of entry and intracellular fate in mammalian cells.. Journal of Experimental Medicine, 1976, 143, 1402-1420.	8.5	329
4	The resistance of intracellular <i>Leishmania</i> parasites to digestion by lysosomal enzymes. Annals of Tropical Medicine and Parasitology, 1977, 71, 295-312.	1.6	98
5	<i>Trypanosoma cruzi</i> : Infection of normal and activated mouse macrophages. Experimental Parasitology, 1977, 41, 385-396.	1.2	44
6	Decreased phagocytosis by peritoneal macrophages from BCG-treated mice. Cellular Immunology, 1977, 29, 295-311.	3.0	50
7	The lysis of <i>Trypanosoma cruzi</i> epimastigotes by eosinophils and neutrophils. International Journal for Parasitology, 1978, 8, 485-489.	3.1	14
8	Entry of <i>Trypanosoma (Schizotrypanum) dionisii</i> to Macrophages in vitro and its Subsequent Fate Therein. Journal of General Microbiology, 1978, 107, 253-262.	2.3	12
9	Studies on the Interaction of <i>Mycobacterium microti</i> and <i>Mycobacterium lepraemurium</i> with Mouse Polymorphonuclear Leucocytes. Journal of General Microbiology, 1979, 112, 185-189.	2.3	20
10	Games parasites play: how parasites evade immune surveillance. Nature, 1979, 279, 21-26.	27.8	222
11	THE ROLE OF LYSOSOMES IN THE HEALING PROCESS OF CUTANEOUS LEISHMANIASIS. International Journal of Dermatology, 1979, 18, 50-54.	1.0	2
12	Non-specific induction of increased resistance in mice to <i>Trypanosoma congolense</i> and <i>Trypanosoma brucei</i> by immunostimulants. Parasitology, 1979, 79, 349-366.	1.5	38
13	Phagocytosis and killing of <i>Trypanosoma dionisii</i> by human neutrophils, eosinophils and monocytes. Parasitology, 1979, 79, 367-379.	1.5	38
14	Interaction of epimastigote and trypomastigote forms of <i>Trypanosoma cruzi</i> with chicken macrophages in vitro. Parasitology, 1980, 81, 373-381.	1.5	16
15	Development and Ultrastructure of First-Generation Meronts of <i>Sarcocystis cruzi</i> in Calves Fed Sporocysts from Coyote Feces*. Journal of Protozoology, 1980, 27, 380-387.	0.8	22
16	Immunity to <i>Trypanosoma cruzi</i> . Advances in Parasitology, 1980, 18, 247-292.	3.2	181
17	<i>Leishmania mexicana</i> : Inhibition and stimulation of phagosome-lysosome fusion in infected macrophages. Experimental Parasitology, 1981, 52, 261-270.	1.2	30
18	Inhibition of lysosomal fusion with symbiont-containing vacuoles in <i>Paramecium bursaria</i> . Experimental Cell Research, 1981, 131, 387-393.	2.6	64

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19	Immunology of Trypanosomes. , 1982, , 459-486.		2
20	Reconstitution of a variant macrophage cell line defective in oxygen metabolism with a H <sub>2</sub> O <sub>2</sub> -generating system.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 2584-2588.	7.1	41
21	The macrophage and parasitic protozoa. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1983, 77, 636-645.	1.8	21
22	Cell-mediated Killing of Protozoa. Advances in Parasitology, 1983, 22, 43-151.	3.2	27
23	Microbial Latency. Clinical Infectious Diseases, 1984, 6, 649-668.	5.8	11
24	Early Cellular Responses in the Malpighian Tubules of the Mosquito <i>Aedes taeniorhynchus</i> to Infection with <i>Dirofilaria immitis</i> (Nematoda). Journal of Parasitology, 1984, 70, 82.	0.7	15
25	Mapping of surface glycoproteins of <i>Trypanosoma cruzi</i> by two-dimensional electrophoresis. A correlation with the cell invasion capacity. FEBS Journal, 1984, 140, 599-604.	0.2	67
26	Interaction of sporozoites of <i>Theileria parva</i> with bovine lymphocytes in vitro. 1. Early events after invasion. Tissue and Cell, 1984, 16, 873-884.	2.2	49
27	In vivofusion of lysosomes with parasitophorous vacuoles of <i>Leishmania</i> -infected macrophages. Annals of Tropical Medicine and Parasitology, 1984, 78, 87-91.	1.6	7
28	Mechanisms of survival of protozoan parasites in mononuclear phagocytes. Parasitology, 1984, 88, 579-592.	1.5	32
29	Defective intracellular lysis in macrophages from chronic chagasic patients. Annals of Tropical Medicine and Parasitology, 1985, 79, 339-340.	1.6	2
30	<i>Leishmania major</i> : Excreted factor, calcium ions, and the survival of amastigotes. Experimental Parasitology, 1985, 59, 161-168.	1.2	55
31	Poly(A)-Containing RNA from the Spleens of Mice with Chagasâ€™ Disease Triggers In Vitro Macrophage Resistance to <i>Trypanosoma cruzi</i> 1. Journal of Protozoology, 1986, 33, 81-84.	0.8	6
32	Amastigotes of <i>Trypanosoma cruzi</i> sustain an infective cycle in mammalian cells.. Journal of Experimental Medicine, 1988, 168, 649-659.	8.5	153
33	The effect of the host lymphocyte lysosomal system on the developing intracellular <i>Theileria annulata</i> sporozoites. Veterinary Parasitology, 1988, 26, 189-198.	1.8	3
34	Secretion by <i>Trypanosoma cruzi</i> of a hemolysin active at low pH. Molecular and Biochemical Parasitology, 1989, 33, 249-256.	1.1	87
35	Suppression of macrophage lysosomal enzymes after <i>Leishmania donovani</i> infection. Biochemical Medicine and Metabolic Biology, 1989, 41, 46-55.	0.7	12
36	Interferon gamma-treated human macrophages display enhanced cytolysis and generation of reactive oxygen metabolites but reduced ingestion upon Fc receptor triggering. Human Immunology, 1989, 24, 77-93.	2.4	19

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37	Specific inhibition of phagosome-lysosome fusion in murine macrophages mediated by <i>Salmonella typhimurium</i> infection. <i>FEMS Microbiology Letters</i> , 1990, 64, 35-43.	1.8	37
38	Effect of $\gamma$ -interferon on phagosome-lysosome fusion in <i>Salmonella typhimurium</i> -infected murine macrophages. <i>FEMS Microbiology Letters</i> , 1990, 64, 75-82.	1.8	8
39	Roles of the complement receptor type 1 (CR1) and type 3 (CR3) on phagocytosis and subsequent phagosome-lysosome fusion in <i>Salmonella</i> -infected murine macrophages. <i>FEMS Microbiology Letters</i> , 1990, 64, 89-96.	1.8	30
40	The exit of <i>Trypanosoma cruzi</i> from the phagosome is inhibited by raising the pH of acidic compartments. <i>Journal of Experimental Medicine</i> , 1990, 171, 401-413.	8.5	167
41	Effect of $\gamma$ -interferon on phagosome-lysosome fusion in <i>Salmonella typhimurium</i> -infected murine macrophages. <i>FEMS Microbiology Letters</i> , 1990, 64, 75-82.	1.8	4
42	The acid-active hemolysin of <i>Trypanosoma cruzi</i> . <i>Experimental Parasitology</i> , 1990, 71, 241-244.	1.2	32
43	Mutant of <i>Salmonella typhimurium</i> lacking the inhibitory function for phagosome-lysosome fusion in murine macrophages. <i>Microbial Pathogenesis</i> , 1992, 13, 317-323.	2.9	12
44	<i>Salmonella typhi</i> does not inhibit phagosome-lysosome fusion in human monocyte-derived macrophages. <i>FEMS Immunology and Medical Microbiology</i> , 1995, 12, 55-61.	2.7	12
45	A possible mechanism for host-specific pathogenesis of <i>Salmonella</i> serovars. <i>Microbial Pathogenesis</i> , 1996, 21, 435-446.	2.9	36
46	Intracellular Survival of Protozoan Parasites with Special Reference to <i>Leishmania</i> spp., <i>Toxoplasma gondii</i> and <i>Trypanosoma cruzi</i> . <i>Advances in Parasitology</i> , 1996, 38, 1-51.	3.2	76
47	Cell Invasion by Un-Palatable Parasites. <i>Traffic</i> , 2000, 1, 100-106.	2.7	60
48	Lysosomal Fusion Is Essential for the Retention of <i>Trypanosoma cruzi</i> Inside Host Cells. <i>Journal of Experimental Medicine</i> , 2004, 200, 1135-1143.	8.5	120
49	Mammalian cell invasion and intracellular trafficking by <i>Trypanosoma cruzi</i> infective forms. <i>Anais Da Academia Brasileira De Ciencias</i> , 2005, 77, 77-94.	0.8	77
50	Preferential Brain Homing following Intranasal Administration of <i>Trypanosoma cruzi</i> . <i>Infection and Immunity</i> , 2009, 77, 1349-1356.	2.2	19
51	Inheritance of DNA Transferred from American Trypanosomes to Human Hosts. <i>PLoS ONE</i> , 2010, 5, e9181.	2.5	68
52	Pathogenesis of Chagas' Disease: Parasite Persistence and Autoimmunity. <i>Clinical Microbiology Reviews</i> , 2011, 24, 592-630.	13.6	182
53	Host-Parasite Relationships and Life Histories of Trypanosomes in Australia. <i>Advances in Parasitology</i> , 2017, 97, 47-109.	3.2	21
54	The marsupial trypanosome <i>Trypanosoma copemani</i> is not an obligate intracellular parasite, although it adversely affects cell health. <i>Parasites and Vectors</i> , 2018, 11, 521.	2.5	3

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55	Immunoprophylaxis Against African Trypanosomiasis. <i>Advances in Experimental Medicine and Biology</i> , 1977, 93, 209-241.	1.6	30
56	Immunobiology of Leprosy. , 1981, , 369-390.		6
57	Macrophage Activation and Effector Mechanisms against Microbes. <i>Advances in Experimental Medicine and Biology</i> , 1982, 155, 675-686.	1.6	4
58	Surface Determinants in American Trypanosomes. , 1981, , 401-410.		6
59	Phagolysosome Formation, Cyclic Adenosine 3':5'-Monophosphate and the Fate of <i>Salmonella typhimurium</i> within Mouse Peritoneal Macrophages. <i>Journal of General Microbiology</i> , 1979, 110, 421-429.	2.3	121
60	Microbial surfaces in relation to pathogenicity. <i>Bacteriological Reviews</i> , 1977, 41, 475-500.	7.0	273
61	Suramin effects on macrophage phagolysosome formation and antimicrobial activity. <i>Infection and Immunity</i> , 1978, 20, 503-511.	2.2	36
62	Fate of <i>Listeria monocytogenes</i> in murine peritoneal macrophage subpopulations. <i>Infection and Immunity</i> , 1982, 35, 124-132.	2.2	17
63	Growth of <i>Trypanosoma cruzi</i> in a cloned macrophage cell line and in a variant defective in oxygen metabolism. <i>Infection and Immunity</i> , 1983, 41, 1322-1331.	2.2	31
64	Intracellular location of <i>Mycobacterium leprae</i> in macrophages of normal and immune-deficient mice and effect of rifampin. <i>Infection and Immunity</i> , 1983, 42, 802-811.	2.2	38
65	Parasitophorous vacuoles of <i>Leishmania amazonensis</i> -infected macrophages maintain an acidic pH. <i>Infection and Immunity</i> , 1990, 58, 779-787.	2.2	215
66	The glutamine synthetase of <i>Trypanosoma cruzi</i> is required for its resistance to ammonium accumulation and evasion of the parasitophorous vacuole during host-cell infection. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006170.	3.0	24
67	Normal Immune Responses to Protozoal Infections. , 1979, , 77-115.		1
68	Surface Determinants in American Trypanosomes. , 1981, , 401-410.		0
69	Parasitic Protozoa in Macrophages in vitro. , 1982, , 187-203.		1
70	Macrophages in Immunoparasitology. , 1986, , 435-472.		0
71	Mecanismos de resistÃªncia do hospedeiro e de evasÃ£o do parasita. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 1977, 11, 155-160.	0.9	0
78	Effect of human monocytes and macrophages on <i>Trypanosoma cruzi</i> . <i>Immunology</i> , 1977, 32, 19-23.	4.4	30

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79	Intracellular Killing of Parasites by Macrophages. , 1982, 2, 541-565.		2