

CITATION REPORT

List of articles citing

Effect of orally administered beta-glucan on macrophage function in mice

DOI: 10.1016/0192-0561(90)90105-v

International Journal of Immunopharmacology, 1990, 12, 675-84.

Source: <https://exaly.com/paper-pdf/21438536/citation-report.pdf>

Version: 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
142	Oral administration of SSG, a beta-glucan obtained from <i>Sclerotinia sclerotiorum</i> , affects the function of Peyer's patch cells. <i>International Journal of Immunopharmacology</i> , 1991 , 13, 437-42		41
141	The cytokine theory of headache. 1992 , 39, 168-74		29
140	A comprehensive macrophage-T-lymphocyte theory of schizophrenia. 1992 , 39, 248-57		111
139	Immunomodulating activity of sunflower oil and starch administered perorally to mice. 1992 , 114, 1850-1852		
138	Enhancement of murine alveolar macrophage functions by orally administered beta-glucan. <i>International Journal of Immunopharmacology</i> , 1992 , 14, 821-30		51
137	Stimulating effect of DEODAN (an oral preparation from <i>Lactobacillus bulgaricus</i> "LB51") on monocytes/macrophages and host resistance to experimental infections. <i>International Journal of Immunopharmacology</i> , 1993 , 15, 25-37		26
136	Effect of alginate and calcium on secretion of IL-1 by immobilized Swiss peritoneal macrophages. 1993 , 21, 353-8		1
135	(1->3)-D-Glucans as biological response modifiers: a review of structure-functional activity relationships. 1995 , 28, 3-14		725
134	gamma-Propoxy-sulfo-lichenin, an antitumor polysaccharide derived from lichenin. 1995 , 70, 25-31		9
133	Effect of carboxymethyl-chitin-glucan on cyclophosphamide induced mutagenicity. 1995 , 346, 43-8		25
132	Hypocholesterolemic and immunostimulatory effects of orally applied <i>Enterococcus faecium</i> M-74 in man. 1995 , 40, 639-46		37
131	Modulation of the No Secretion in the Pichilan-Activated Murine Macrophage Cell Line, Malu. 1995 , 8, 135-149		
130	Effect of ultrasonicated carboxymethylglucan on cyclophosphamide induced mutagenicity. 1996 , 371, 115-20		22
129	Tumor-infiltrating lymphocytes can be activated in situ by using in vivo activants plus F(ab') ₂ bispecific antibodies. 1996 , 67, 232-7		4
128	Conformation dependency of nitric oxide synthesis of murine peritoneal macrophages by beta-glucans in vitro. 1996 , 52, 1-7		54
127	Kupffer cells play important roles in the metabolic degradation of a soluble anti-tumor (1->3)-beta-D-glucan, SSG, in mice. 1996 , 15, 93-100		6
126	Conformation dependency of nitric oxide synthesis of murine peritoneal macrophages by beta-glucans in vitro. 1996 , 53, 157-63		20

125	Immunomodulatory activities of oat beta-glucan in vitro and in vivo. 1997 , 41, 991-8	133
124	Clinical study of the effect of the preparation DEODAN on leukopenia, induced by cytostatics. <i>International Journal of Immunopharmacology</i> , 1997 , 19, 487-92	5
123	Soluble mannan and beta-glucan inhibit the uptake of <i>Malassezia furfur</i> by human monocytic cell line, THP-1. 1998 , 21, 223-30	11
122	Effects of particulate and soluble (1-3)-beta-glucans on Ca ²⁺ influx in NR8383 alveolar macrophages. 1998 , 40, 77-89	17
121	Cytokine levels affected by gamma-linolenic acid. 1998 , 59, 273-7	12
120	Polysaccharides from <i>Agaricus blazei</i> stimulate lymphocyte T-cell subsets in mice. 1998 , 62, 434-7	144
119	Modulation of the non-specific defence of fish by structurally conserved microbial polymers. 1999 , 9, 269-290	118
118	Effects of polysaccharides from rhizomes of <i>Curcuma zedoaria</i> on macrophage functions. 2001 , 65, 2369-77	26
117	Contents of Anti-Tumor Polysaccharides in Certain Mushrooms and Their Immunomodulating Activities.. 2001 , 7, 31-34	11
116	Particulate 1,3-beta-D-glucan, carboxymethylglucan and sulfoethylglucan--influence of their oral or intraperitoneal administration on immunological response of mice. 2001 , 46, 559-63	10
115	In vitro and in vivo effects of macrophage-stimulatory polysaccharide from leaves of <i>Perilla frutescens</i> var. <i>crispa</i> . 2002 , 25, 367-71	34
114	The activation of interleukin-1 β in serum of carp, <i>Cyprinus carpio</i> , injected with peptidoglycan. 2002 , 212, 1-10	18
113	Preparation of microparticulate beta-glucan from <i>Saccharomyces cerevisiae</i> for use in immune potentiation. 2002 , 35, 267-71	86
112	Anti-tumour and immuno-stimulating activities of the fruiting bodies of <i>Paecilomyces japonica</i> , a new type of <i>Cordyceps</i> spp. 2003 , 17, 830-3	43
111	Immunomodulatory activities of <i>Clausena excavata</i> Burm. f. wood extracts. 2003 , 89, 155-60	87
110	Isolation, partial characterisation and immunomodulating activities of polysaccharides from <i>Vernonia kotschyana</i> Sch. Bip. ex Walp. 2004 , 91, 141-52	64
109	Effects of oat beta-glucan on innate immunity and infection after exercise stress. 2004 , 36, 1321-7	67
108	Effects of moderate exercise and oat beta-glucan on lung tumor metastases and macrophage antitumor cytotoxicity. 2004 , 97, 955-9	60

107	Effects of moderate exercise and oat beta-glucan on innate immune function and susceptibility to respiratory infection. 2004 , 286, R366-72	63
106	Hypotriglyceridemic effect of the antler-shaped fruiting body of <i>Ganoderma lucidum</i> on the high-fat diet induced hyperlipidemia in Syrian hamsters. 2005 , 52, 135-139	
105	Isolation and partial characterization of a pectic polysaccharide from the fruit pulp of <i>Spondias cytherea</i> and its effect on peritoneal macrophage activation. 2005 , 76, 676-83	37
104	Macrophage-stimulating activity of exo-biopolymer from cultured rice bran with <i>Monascus pilosus</i> . 2005 , 126, 35-48	26
103	Oral delivery and gastrointestinal absorption of soluble glucans stimulate increased resistance to infectious challenge. 2005 , 314, 1079-86	233
102	In vitro immunomodulatory effect of <i>Pouteria cambodiana</i> (Pierre ex Dubard) Baehni extract. 2005 , 101, 90-4	51
101	Effects of supplementation of beta-glucan on the growth performance and immunity in broilers. 2006 , 80, 291-8	63
100	Effects of beta-glucan extracted from <i>Saccharomyces cerevisiae</i> on growth performance, and immunological and somatotropic responses of pigs challenged with <i>Escherichia coli</i> lipopolysaccharide. 2006 , 84, 2374-81	108
99	Carrageenans from Cystocarpic and Sterile Plants of <i>Chondrus Pinnulatus</i> (Gigartinaceae, Rhodophyta) Collected from the Russian Pacific Coast. 2006 , 18, 361-368	22
98	Yeast and Fungal Polysaccharides. 2007 , 559-577	9
97	Oral and systemic administration of beta-glucan protects against lipopolysaccharide-induced shock and organ injury in rats. 2007 , 148, 168-77	58
96	PHYSIOLOGICAL ACTIVITIES OF CHUNGKOOKJANG (KOREAN TRADITIONAL SOYBEAN PASTE) PILL AS A FUNCTIONAL FOOD. 2007 , 31, 108-120	3
95	Effect of <i>Bacopa monniera</i> Linn. extract on murine immune response in vitro. 2008 , 22, 1330-5	5
94	In vivo macrophage activation and physicochemical property of the different polysaccharide fractions purified from <i>Angelica sinensis</i> . 2008 , 71, 372-379	49
93	Structural characterization of a water-soluble beta-(1-->6)-linked D-glucan isolated from the hot water extract of an edible mushroom, <i>Agaricus bitorquis</i> . 2008 , 343, 3120-2	15
92	Chemical composition and immuno-stimulating properties of polysaccharide biological response modifier isolated from <i>Radix Angelica sinensis</i> . 2008 , 106, 269-276	36
91	Molecular Weight Dependency on the Production of the TNF Stimulated by Fractions of rye (1->3),(1->4)-D-Glucan. <i>Scandinavian Journal of Immunology</i> , 2008 , 52, 584-587	3-4 1
90	Dietary modulation of immune function by beta-glucans. 2008 , 94, 276-84	335

89	Benefits of oat beta-glucan on respiratory infection following exercise stress: role of lung macrophages. 2008 , 294, R1593-9	36
88	Oral beta-glucan protects kidney against ischemia/reperfusion injury in rats. 2008 , 28, 190-6	16
87	Immunostimulating Activity and Molecular Weight Dependence of an Arabinoxylan Derived from Wheat Bran. 2008 , 55, 245-249	16
86	Polysaccharide-rich fraction of <i>Agaricus brasiliensis</i> enhances the candidacidal activity of murine macrophages. 2008 , 103, 244-50	8
85	(1,3)- β -Glucans in Innate Immunity. 2009 , 579-619	8
84	Benefits of oat beta-glucan and sucrose feedings on infection and macrophage antiviral resistance following exercise stress. 2009 , 297, R1188-94	24
83	Polysaccharide isolated from <i>Glycyrrhiza uralensis</i> Fisch induces intracellular enzyme activity of macrophages. 2009 , 1, 165-169	8
82	Optimization of medium composition for the production of exopolysaccharides from <i>Phellinus baumii</i> Pilb in submerged culture and the immuno-stimulating activity of exopolysaccharides. 2009 , 78, 409-415	40
81	Bath immunostimulation of rainbow trout (<i>Oncorhynchus mykiss</i>) fry induces enhancement of inflammatory cytokine transcripts, while repeated bath induce no changes. 2009 , 26, 677-84	49
80	Effect of beta-glucans on an ETEC infection in piglets. 2009 , 128, 60-6	56
79	Oral administration of a soluble 1-3, 1-6 beta-glucan during prophylactic survivin peptide vaccination diminishes growth of a B cell lymphoma in mice. 2009 , 9, 1298-303	15
78	Beta-glucans as immunostimulant in vertebrates and invertebrates. 2009 , 35, 109-38	127
77	Macrophage stimulating polysaccharide purified from peels of grape (<i>Vitis labrusca</i>). 2010 , 19, 479-486	5
76	Enhancement of immunostimulation and anti-metastasis in submerged culture of bearded tooth mushroom (<i>Herichium erinaceum</i>) mycelia by addition of ginseng extract. 2010 , 19, 1259-1266	7
75	Immunomodulatory effects of proanthocyanidin A-1 derived in vitro from <i>Rhododendron spiciferum</i> . 2010 , 81, 108-14	35
74	Effects of mushroom-derived beta-glucan-rich polysaccharide extracts on nitric oxide production by bone marrow-derived macrophages and nuclear factor-kappaB transactivation in Caco-2 reporter cells: can effects be explained by structure?. 2010 , 54, 268-76	86
73	Effect of oat bran on time to exhaustion, glycogen content and serum cytokine profile following exhaustive exercise. 2010 , 7, 32	6
72	Association of beta-glucan endogenous production with increased stress tolerance of intestinal lactobacilli. 2010 , 76, 500-7	105

71	Potential of the beta-glucans to enhance innate resistance to biological agents. 2010 , 8, 339-52	59
70	In vitro and in vivo immunostimulatory activity of <i>Woodfordia fruticosa</i> flowers on non-specific immunity. 2010 , 48, 1066-72	13
69	An Evidence-based Perspective of <i>Lentinus Edodes</i> (Shiitake Mushroom) for Cancer Patients. 2011 , 303-317	
68	Immunomodulatory and antitumor activities of grape seed proanthocyanidins. 2011 , 59, 11543-7	33
67	Innate immune stimulation of polysaccharide fraction from grape peel. 2011 , 20, 107-113	
66	Fermentation of Korean red ginseng by <i>Lactobacillus plantarum</i> M-2 and its immunological activities. 2011 , 165, 1107-19	18
65	Effects of levamisole and ranitidine on antibody-forming responses induced by killed <i>Mycoplasma</i> vaccine antigens in Saanen goats. 2012 , 171, 597	0
64	Studies on the characteristic and activity of low-molecular fragments from zymosan. 2012 , 90, 1411-4	6
63	Do cereal mixed-linked β glucans possess immune-modulating activities?. 2012 , 56, 536-47	29
62	Effects of structural peculiarities of carrageenans on their immunomodulatory and anticoagulant activities. 2012 , 87, 713-720	75
61	Yeast (1,3)-(1,6)-beta-glucan helps to maintain the body's defence against pathogens: a double-blind, randomized, placebo-controlled, multicentric study in healthy subjects. 2013 , 52, 1913-8	46
60	A polysaccharide isolated from the liquid culture of <i>Lentinus edodes</i> (Shiitake) mushroom mycelia containing black rice bran protects mice against a <i>Salmonella</i> lipopolysaccharide-induced endotoxemia. 2013 , 61, 10987-94	33
59	β Glucan supplementation, allergy symptoms, and quality of life in self-described ragweed allergy sufferers. 2013 , 1, 90-101	15
58	Isolation and identification of RANKL-induced osteoclast differentiation inhibitor from <i>Pleurotus citrinopileatus</i> . 2013 , 54, 265-270	3
57	Immunomodulatory and cellular anti-oxidant activities of an aqueous extract of <i>Limoniastrum guyonianum</i> gall. 2013 , 146, 243-9	36
56	The Effects of β Glucan on Pig Growth and Immunity. 2014 , 8, 89-93	25
55	Immunological activity of ginseng is enhanced by solid-state culture with <i>Ganoderma lucidum</i> mycelium. 2014 , 17, 150-60	3
54	The effect of Leiber Beta-S (1,3-1,6- β -D-glucan) on the phagocytic activity and oxidative metabolism of peripheral blood granulocytes and monocytes in calves. 2014 , 83, 347-354	3

53	Immune-modulatory effects of dietary Yeast Beta-1,3/1,6-D-glucan. 2014 , 13, 38		122
52	Characterization and immunomodulatory activity of polysaccharides derived from <i>Dendrobium tosaense</i> . 2014 , 111, 856-63		40
51	Radiation degradation of (1->3)- β -glucan from yeast with a potential application as a plant growth promoter. <i>International Journal of Biological Macromolecules</i> , 2014 , 69, 165-70	7.9	14
50	In vitro assessment of the gastrointestinal tolerance and immunomodulatory function of <i>Bacillus methylothrophicus</i> isolated from a traditional Korean fermented soybean food. 2015 , 118, 718-26		7
49	Characterization and immunomodulatory activity of rice hull polysaccharides. 2015 , 124, 150-6		22
48	Dietary Polysaccharides and Immune Modulation. 2015 , 1991-2016		2
47	Performance of crossbred dairy Friesian calves fed two levels of <i>Saccharomyces cerevisiae</i> : intake, digestion, ruminal fermentation, blood parameters and faecal pathogenic bacteria. 2016 , 154, 1488-1498		17
46	Immunostimulation activity of a polysaccharide from fermented ginseng with mycelia in solid-state culture. 2016 , 25, 311-318		6
45	Structural characterization of an immunostimulating polysaccharide from the stems of a new medicinal <i>Dendrobium</i> species: <i>Dendrobium Taiseed Tosnobile</i> . <i>International Journal of Biological Macromolecules</i> , 2017 , 103, 1185-1193	7.9	14
44	Immunomodulatory Properties of Filamentous Fungi Cultivated through Solid-State Fermentation on Rapeseed Meal. 2017 , 182, 910-924		10
43	Immunomodulatory potential of hesperetin and chrysin through the cellular and humoral response. 2017 , 812, 91-96		26
42	Yeast and yeast derivatives in feed additives and ingredients: Sources, characteristics, animal responses, and quantification methods. <i>Animal Feed Science and Technology</i> , 2018 , 235, 60-76	3	109
41	Yeast-Derived β Glucan in Cancer: Novel Uses of a Traditional Therapeutic. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	39
40	Effect of Lentinan on Peyer's patch structure and function in an immunosuppressed mouse model. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 169-176	7.9	9
39	Complex dietary polysaccharide modulates gut immune function and microbiota, and promotes protection from autoimmune diabetes. <i>Immunology</i> , 2019 , 157, 70-85	7.8	24
38	Radiation Degradation of β -Glucan with a Potential for Reduction of Lipids and Glucose in the Blood of Mice. <i>Polymers</i> , 2019 , 11,	4.5	8
37	Radiation Degradation of β Glucan Extracted from Brewer's Yeast for Enhancing Growth Promotion and Immunostimulant Activities on Broilers. <i>International Journal of Polymer Science</i> , 2019 , 2019, 1-9	2.4	4
36	β Glucan successfully stimulated the immune system in different jawed vertebrate species. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019 , 62, 1-6	2.6	17

35	β-Glucan as a new tool in vaccine development. <i>Scandinavian Journal of Immunology</i> , 2020 , 91, e12833	3.4	31
34	Pretreatment with Yeast-Derived Complex Dietary Polysaccharides Suppresses Gut Inflammation, Alters the Microbiota Composition, and Increases Immune Regulatory Short-Chain Fatty Acid Production in C57BL/6 Mice. <i>Journal of Nutrition</i> , 2020 , 150, 1291-1302	4.1	16
33	Physicochemical properties and immunological activities of polysaccharides from both crude and wine-processed <i>Polygonatum sibiricum</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 143, 255-264	7.9	14
32	Egg production, egg quality, nutrient digestibility, and excreta microflora of laying hens fed with a diet containing brewer's yeast hydrolysate. <i>Journal of Applied Animal Research</i> , 2020 , 48, 492-498	1.7	4
31	Fungal Polysaccharides. 2021 , 96-130		
30	Antioxidant and Immunostimulatory Activities of a Submerged Culture of Using Spent Coffee. <i>Foods</i> , 2021 , 10,	4.9	0
29	Radiation Synthesis of Selenium Nanoparticles Capped with β-Glucan and Its Immunostimulant Activity in Cyclophosphamide-Induced Immunosuppressed Mice. <i>Nanomaterials</i> , 2021 , 11,	5.4	0
28	A water-soluble β-Glucan improves growth performance by altering gut microbiome and health in weaned pigs. <i>Animal Nutrition</i> , 2021 , 7, 1345-1351	4.8	0
27	Synergic degradation of yeast β-Glucan with a potential of immunostimulant and growth promoter for tiger shrimp. <i>Aquaculture Reports</i> , 2021 , 21, 100858	2.3	1
26	Dietary Polysaccharides and Immune Modulation. 2014 , 1-24		2
25	Molecular weight dependency on the production of the TNF stimulated by fractions of rye (1→3),(1→4)-β-D-glucan. <i>Scandinavian Journal of Immunology</i> , 2000 , 52, 584-7	3.4	9
24	Levaduras: probióticos y prebióticos que mejoran la producción animal. <i>Ciencia Tecnología Agropecuaria</i> , 2014 , 6, 26-38	0.4	3
23	Immunopotentiating Activities of Cellular Components of <i>Lactobacillus brevis</i> FSB - 1. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2004 , 33, 1552-1559	1.5	7
22	Immune Stimulation and Anti-Metastasis of Crude Polysaccharide from Submerged Culture of <i>Hericium erinaceum</i> in the Medium Supplemented with Korean Ginseng Extracts. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2009 , 38, 1535-1542	1.5	7
21	Chemical Composition and Immunostimulating Activity of the Fermented Korean Ginseng (<i>Panax ginseng</i> C.A. Meyer) with Mushroom Mycelium by Solid Culture. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2009 , 38, 1145-1152	1.5	8
20	Pharmacological Activities of Coffee Roasted from Fermented Green Coffee Beans with Fungal Mycelia in Solid-state Culture. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2013 , 42, 487-496	1.5	5
19	Macrophage activation by an acidic polysaccharide isolated from <i>Angelica sinensis</i> (Oliv.) Diels. <i>BMB Reports</i> , 2007 , 40, 636-43	5.5	29
18	Chemical Characteristics and Immunostimulating Activity of Crude Polysaccharide Isolated from Commercial Instant Coffee. <i>Korean Journal of Food Science and Technology</i> , 2016 , 48, 289-295		1

17	Fermentative Properties and Immunomodulating Activity of Low-sodium Kimchi Supplemented with <i>Acanthopanax senticosus</i> and <i>Glycyrrhizae uralensis</i> Extracts. <i>The Korean Journal of Food and Nutrition</i> , 2012 , 25, 878-887		4
16	Study of Macrophage Stimulating Activity of the Polysaccharide Isolated from Leaves of <i>Carthamus tinctorius</i> L.. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2002 , 31, 527-533	1.5	
15	Changes in Physicochemical Properties during the Fermentation of Doenjang Prepared with Black Soybeans. <i>Preventive Nutrition and Food Science</i> , 2007 , 12, 234-241	2.4	3
14	In Vitro and In Vivo Immunomodulatory and Anti-allergic Effects of <i>Agaricus blazei</i> Murill. 2010 , 387-394		
13	Immune Enhancement of Polysaccharide from Submerged Culture with <i>Phellinus linteus</i> in the Medium Supplemented with Ginseng Extract. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2011 , 40, 20-28	1.5	0
12	Active Polysaccharide and Immune Enhancement of <i>Ganoderma lucidum</i> Mycelium Cultured in Mushroom Complete Medium Supplemented with Ginseng Extract. <i>Korean Journal of Food Science and Technology</i> , 2011 , 43, 633-640		1
11	Immuno-stimulating Activities of Mannose-rich Polysaccharides Isolated from Korean Black Raspberry Wine. <i>Korean Journal of Food Science and Technology</i> , 2012 , 44, 343-349		2
10	Pharmacological Activity of Chaga Mushroom on Extraction Conditions and Immunostimulating Polysaccharide. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2012 , 41, 1378-1387	1.5	5
9	Immune Enhancement of <i>Hericium erinaceum</i> Mycelium Cultured in Submerged Medium Supplemented with Ginseng Extract. <i>The Korean Journal of Food and Nutrition</i> , 2012 , 25, 737-746		1
8	An Investigation of the Complex Effects of a <i>Saccharomyces cerevisiae</i> Cytoplasmic Extract on Apoptosis in K562 Cells. <i>Iranian Red Crescent Medical Journal</i> , 2016 , 19,	1.3	1
7	Complex dietary-polysaccharide modulates gut immune function and microbiota, and promotes protection from autoimmune diabetes.		0
6	Pretreatment with yeast derived complex dietary-polysaccharide leads to suppressed gut inflammation, altered microbiota composition and increased immune regulatory short-chain fatty acid production in C57BL/6 mice.		
5	Carrageenans from cystocarpic and sterile plants of <i>Chondrus pinnulatus</i> (Gigartinaceae, Rhodophyta) collected from the Russian Pacific coast. 2006 , 135-142		
4	The Chemical Characteristics and Immune-Modulating Activity of Polysaccharides Isolated from Cold-Brew Coffee. <i>Preventive Nutrition and Food Science</i> , 2017 , 22, 100-106	2.4	10
3	Yeast β -glucan with different degrees of oxidation: Capability of adsorbing lead ions and protective effect against lead-induced PC12 cytotoxicity.. <i>International Journal of Biological Macromolecules</i> , 2022 ,	7.9	
2	Effects of dietary yeast β -1,3/1.6-glucans on oxidative stress biomarkers in hearts and livers of rainbow trout (<i>Oncorhynchus mykiss</i> Walbaum), European whitefish (<i>Coregonus lavaretus</i> L.), and grayling (<i>Thymallus thymallus</i> L.). 2022 , 30, 149-168		0
1	Yeast derivatives as a source of bioactive components in animal nutrition: A brief review. 9,		0