

Nutritional Modulation of Immune Function: Analysis of Clinical Relevance

Frontiers in Immunology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of Omega-3 Fatty Acids on Immune Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5028.	1.8	328
2	Immunosenescence and Its Hallmarks: How to Oppose Aging Strategically? A Review of Potential Options for Therapeutic Intervention. <i>Frontiers in Immunology</i> , 2019, 10, 2247.	2.2	463
3	Nutrition and Athlete Immune Health: New Perspectives on an Old Paradigm. <i>Sports Medicine</i> , 2019, 49, 153-168.	3.1	72
4	Synthesis of polyunsaturated fatty boronic esters and their <i>in vitro</i> inhibition to HCT116 cell lines. <i>Tetrahedron</i> , 2019, 75, 130578.	1.0	5
5	Lactobacillus acidophilus Exerts Neuroprotective Effects in Mice with Traumatic Brain Injury. <i>Journal of Nutrition</i> , 2019, 149, 1543-1552.	1.3	36
6	Increased acetylation of H3K14 in the genomic regions that encode trained immunity enzymes in lysophosphatidylcholine-activated human aortic endothelial cells – Novel qualification markers for chronic disease risk factors and conditional DAMPs. <i>Redox Biology</i> , 2019, 24, 101221.	3.9	64
7	Sustainable Valorization of Halophytes from the Mediterranean Area: A Comprehensive Evaluation of Their Fatty Acid Profile and Implications for Human and Animal Nutrition. <i>Sustainability</i> , 2019, 11, 2197.	1.6	22
8	Swine-Derived Probiotic Lactobacillus plantarum Modulates Porcine Intestinal Endogenous Host Defense Peptide Synthesis Through TLR2/MAPK/AP-1 Signaling Pathway. <i>Frontiers in Immunology</i> , 2019, 10, 2691.	2.2	39
9	Effect of a Euglena gracilis Fermentate on Immune Function in Healthy, Active Adults: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Nutrients</i> , 2019, 11, 2926.	1.7	16
10	Pharmacological plasticity – How do you hit a moving target?. <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00532.	1.1	7
11	The Influence of Essential Oils on Gut Microbial Profiles in Pigs. <i>Animals</i> , 2020, 10, 1734.	1.0	17
12	Immune Modulatory Effects of Vitamin D on Viral Infections. <i>Nutrients</i> , 2020, 12, 2879.	1.7	66
13	<p></p>COVID’s Razor: RAS Imbalance, the Common Denominator Across Disparate, Unexpected Aspects of COVID-19</p><p></p>. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 3169-3192.	1.1	8
14	The potential application of probiotics and prebiotics for the prevention and treatment of COVID-19. <i>Npj Science of Food</i> , 2020, 4, 17.	2.5	135
15	The benefits of Vitamin D in the COVID-19 pandemic: biochemical and immunological mechanisms. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-9.	1.0	20
16	Modulatory Effect of Dietary Polyunsaturated Fatty Acids on Immunity, Represented by Phagocytic Activity. <i>Frontiers in Veterinary Science</i> , 2020, 7, 569939.	0.9	32
17	COVID-19: repositioning nutrition research for the next pandemic. <i>Nutrition Research</i> , 2020, 81, 1-6.	1.3	23
18	Nutrition and immune system: from the Mediterranean diet to dietary supplementary through the microbiota. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 3066-3090.	5.4	83

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19	Polyamines of human strain <i>Lactobacillus plantarum</i> Inducia induce modulation of innate immune markers. <i>Journal of Functional Foods</i> , 2020, 72, 104064.	1.6	5
20	Zinc, Vitamin D and Vitamin C: Perspectives for COVID-19 With a Focus on Physical Tissue Barrier Integrity. <i>Frontiers in Nutrition</i> , 2020, 7, 606398.	1.6	61
21	Review on selected potential nutritional intervention for treatment and prevention of viral infections: possibility of recommending these for Coronavirus 2019. <i>International Journal of Food Properties</i> , 2020, 23, 1722-1736.	1.3	4
22	COVID-19 and obesity in childhood and adolescence: a clinical review. <i>Jornal De Pediatria</i> , 2020, 96, 546-558.	0.9	134
24	Micronutrients as immunomodulatory tools for COVID-19 management. <i>Clinical Immunology</i> , 2020, 220, 108545.	1.4	83
25	Maternal Immunization: Nature Meets Nurture. <i>Frontiers in Microbiology</i> , 2020, 11, 1499.	1.5	28
26	Ideal Dietary Patterns and Foods to Prevent Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2194-2196.	1.2	6
27	Importance of Dietary Changes During the Coronavirus Pandemic: How to Upgrade Your Immune Response. <i>Frontiers in Public Health</i> , 2020, 8, 476.	1.3	37
28	The Risk Factors for Immune System Impairment and the Need for Lifestyle Changes. <i>Journal of Social Health and Diabetes</i> , 2020, 8, 025-028.	0.3	6
29	Vitamin D Supplementation Modulates ICOS+ and ICOS ^{hi} Regulatory T Cell in Siblings of Children With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4767-e4777.	1.8	9
30	Poverty and food insecurity may increase as the threat of COVID-19 spreads. <i>Public Health Nutrition</i> , 2020, 23, 3236-3240.	1.1	184
31	An Artificial Intelligence Characterised Functional Ingredient, Derived from Rice, Inhibits TNF- α and Significantly Improves Physical Strength in an Inflammaging Population. <i>Foods</i> , 2020, 9, 1147.	1.9	16
32	Present Status and Future Trends of Natural-Derived Compounds Targeting T Helper (Th) 17 and Microsomal Prostaglandin E Synthase-1 (mPGES-1) as Alternative Therapies for Autoimmune and Inflammatory-Based Diseases. <i>Molecules</i> , 2020, 25, 6016.	1.7	3
33	Effects of diets, foods and nutrients on immunity: Implications for COVID-19?. <i>Nutrition Bulletin</i> , 2020, 45, 456-473.	0.8	17
34	COVID-19: Is there a role for immunonutrition in obese patient?. <i>Journal of Translational Medicine</i> , 2020, 18, 415.	1.8	49
35	COVID-19 disease, obesity and micronutrients: An updated narrative review of the literature. <i>Nutrition and Food Science</i> , 2020, ahead-of-print, .	0.4	1
36	The Impact of Obesity and Lifestyle on the Immune System and Susceptibility to Infections Such as COVID-19. <i>Frontiers in Nutrition</i> , 2020, 7, 597600.	1.6	57
37	A review of nondairy kefir products: their characteristics and potential human health benefits. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1536-1552.	5.4	28

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38	COVID-19: The Inflammation Link and the Role of Nutrition in Potential Mitigation. <i>Nutrients</i> , 2020, 12, 1466.	1.7	402
39	Dietary habits in adults during quarantine in the context of COVID-19 pandemic. <i>Obesity Medicine</i> , 2020, 19, 100254.	0.5	53
40	Nutrition, immunity and COVID-19. <i>BMJ Nutrition, Prevention and Health</i> , 2020, 3, 74-92.	1.9	331
41	Inadequacy of Immune Health Nutrients: Intakes in US Adults, the 2005â€“2016 NHANES. <i>Nutrients</i> , 2020, 12, 1735.	1.7	54
42	A Rapid Advice Guideline for the Prevention of Novel Coronavirus Through Nutritional Intervention. <i>Current Nutrition Reports</i> , 2020, 9, 119-128.	2.1	13
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45	Physical Activity and Diet Shape the Immune System during Aging. <i>Nutrients</i> , 2020, 12, 622.	1.7	102
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47	Making the Case for â€œCOVID-19 Prophylaxisâ€•With Lifestyle Medicine. <i>American Journal of Health Promotion</i> , 2020, 34, 689-691.	0.9	3
48	Dietary micronutrients in the wake of COVID-19: an appraisal of evidence with a focus on high-risk groups and preventative healthcare. <i>BMJ Nutrition, Prevention and Health</i> , 2020, 3, 93-99.	1.9	51
49	COVID-19 and immunomodulation treatment for women with reproductive failures. <i>Journal of Reproductive Immunology</i> , 2020, 141, 103168.	0.8	12
50	A Review of Micronutrients and the Immune Systemâ€“Working in Harmony to Reduce the Risk of Infection. <i>Nutrients</i> , 2020, 12, 236.	1.7	716
51	A Novel Combination of Vitamin C, Curcumin and Glycyrrhizic Acid Potentially Regulates Immune and Inflammatory Response Associated with Coronavirus Infections: A Perspective from System Biology Analysis. <i>Nutrients</i> , 2020, 12, 1193.	1.7	115
52	Possible Role of Vitamin D in Celiac Disease Onset. <i>Nutrients</i> , 2020, 12, 1051.	1.7	20
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55	Micronutrients and bioactive compounds in the immunological pathways related to SARS-CoV-2 (adults and elderly). <i>European Journal of Nutrition</i> , 2021, 60, 559-579.	1.8	16

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58	Immunonutrition effects on coping with COVID-19. <i>Food and Function</i> , 2021, 12, 7637-7650.	2.1	4
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61	A Japanese infant presenting with hypocalcemic seizures resulting from hypovitaminosis D induced by non-celiac gluten sensitivity. <i>Clinical Pediatric Endocrinology</i> , 2021, 30, 105-110.	0.4	0
62	Immune system and olive oil. , 2021, , 389-398.		0
63	The role of nutrition in respiratory disease and COVID-19 management. , 2021, , 187-213.		0
64	Effects of Dietary Patterns on Biomarkers of Inflammation and Immune Responses: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2022, 13, 101-115.	2.9	54
65	The role of vitamin A and vitamin D in the modulation of the immune response with focus on innate lymphoid cells. <i>Central-European Journal of Immunology</i> , 2021, 46, 264-269.	0.4	15
66	The Strategy of Boosting the Immune System Under the COVID-19 Pandemic. <i>Frontiers in Veterinary Science</i> , 2020, 7, 570748.	0.9	42
67	The coronavirus disease (COVID-19) â€“ A supportive approach with selected micronutrients. <i>International Journal for Vitamin and Nutrition Research</i> , 2022, 92, 13-34.	0.6	37
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71	Zinc-biofortified lettuce in aeroponic system. <i>Journal of Plant Nutrition</i> , 2021, 44, 2146-2156.	0.9	8
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75	Effect of IMT-03, an Herbal Formulation in Cyclophosphamide-induced Immunosuppression in Mice. <i>Journal of Basic and Applied Research in Biomedicine</i> , 2021, 7, 14-17.	0.3	0
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77	Physical Activity and Natural Products and Minerals in the SARS-CoV-2 Pandemic: An Update. <i>Annals of Applied Sport Science</i> , 2021, 9, 0-0.	0.4	3
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80	Nutrition Metabolism and Infections. <i>Infectious Microbes & Diseases</i> , 2021, 3, 134-141.	0.5	5
81	Immunomodulatory diet in pediatric age. <i>Minerva Pediatrics</i> , 2021, 73, 128-149.	0.2	2
82	The Biological Effects of Novel Nutraceuticals with Curcuminoids and Other Plant-Derived Immunomodulators and Pre-Probiotics. <i>Pharmaceutics</i> , 2021, 13, 666.	2.0	7
83	Predicting neurological recovery after traumatic spinal cord injury by time-resolved analysis of monocyte subsets. <i>Brain</i> , 2021, 144, 3159-3174.	3.7	9
84	The Role of Nutrition in COVID-19 Susceptibility and Severity of Disease: A Systematic Review. <i>Journal of Nutrition</i> , 2021, 151, 1854-1878.	1.3	79
85	A Review of the Role of Micronutrients and Bioactive Compounds on Immune System Supporting to Fight against the COVID-19 Disease. <i>Foods</i> , 2021, 10, 1088.	1.9	27
86	Fat-Soluble Vitamins and the Current Global Pandemic of COVID-19: Evidence-Based Efficacy from Literature Review. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2091-2110.	1.6	14
87	The Influence of Nutritional Factors on Immunological Outcomes. <i>Frontiers in Immunology</i> , 2021, 12, 665968.	2.2	47
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90	Cellular and metabolic mechanisms of nutrient actions in immune function. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 1328-1331.	1.3	6
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93	Diet, Probiotics and Physical Activity: The Right Allies for a Healthy Microbiota. <i>Anticancer Research</i> , 2021, 41, 2759-2772.	0.5	14
94	The enrichment of diet with beneficial bacteria (single- or multi- strain) in biofloc system enhanced the water quality, growth performance, immune responses, and disease resistance of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2021, 539, 736640.	1.7	49
95	Evaluation of the Effect of Fruit Juice Containing <i>Bacillus Coagulans</i> Probiotic Supplement on the Level of Immunoglobulins A, M and Lymphocytes in Two-Speed Athletes. , 0, , .		0
96	Evolution of Nutritional Status after Early Nutritional Management in COVID-19 Hospitalized Patients. <i>Nutrients</i> , 2021, 13, 2276.	1.7	21
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106	Influence of Exercise on Exhausted and Senescent T Cells: A Systematic Review. <i>Frontiers in Physiology</i> , 2021, 12, 668327.	1.3	9
107	The snapshot of metabolic health in evaluating micronutrient status, the risk of infection and clinical outcome of COVID-19. <i>Clinical Nutrition ESPEN</i> , 2021, 44, 173-187.	0.5	9
109	Fermented goat's milk modulates immune response during iron deficiency anemia recovery. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 1114-1123.	1.7	6
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111	Beneficial Effects of Plant Extracts and Bioactive Food Components in Childhood Supplementation. <i>Nutrients</i> , 2021, 13, 3157.	1.7	8

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112	The Impact of Obesity on SARS-CoV-2 Pandemic Mortality Risk. <i>Nutrients</i> , 2021, 13, 3446.	1.7	5
113	Perspectives on the dynamic implications of cellular senescence and immunosenescence on macrophage aging biology. <i>Biogerontology</i> , 2021, 22, 571-587.	2.0	18
114	Embracing cancer immunotherapy with vital micronutrients. <i>World Journal of Clinical Oncology</i> , 2021, 12, 712-724.	0.9	10
115	Immunostimulant and Antidepressant Effect of Natural Compounds in the Management of Covid-19 Symptoms. <i>Journal of the American College of Nutrition</i> , 2022, 41, 840-854.	1.1	23
116	Regional specialization of macrophages along the gastrointestinal tract. <i>Trends in Immunology</i> , 2021, 42, 795-806.	2.9	11
117	Theoretical benefits of yogurt-derived bioactive peptides and probiotics in COVID-19 patients – A narrative review and hypotheses. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5897-5905.	1.8	26
118	Are beliefs and attitudes about COVID-19 associated with self-perceived changes in food consumption? Results from a nationwide survey during lockdown. <i>Appetite</i> , 2022, 168, 105681.	1.8	6
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125	Primer on Immune Response and Interface with Malnutrition. , 2021, , 83-110.		6
126	Food Insecurity and T-cell Dysregulation in Women Living With Human Immunodeficiency Virus on Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2021, 72, e112-e119.	2.9	7
128	Association Between Single Nucleotide Polymorphisms in the Vitamin D Receptor and Incidence of Dry Eye Disease in Chinese Han Population. <i>Medical Science Monitor</i> , 2019, 25, 4759-4765.	0.5	8
129	An insight into osteoarthritis susceptibility: Integration of immunological and genetic background. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021, 21, 155-162.	0.6	7
130	Micronutrients availability, immune response, and COVID-19. <i>Russian Pediatric Journal</i> , 2020, 23, 183-190.	0.0	4

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132	Increased Cellular Uptake of Polyunsaturated Fatty Acids and Phytosterols from Natural Micellar Oil. <i>Nutrients</i> , 2020, 12, 150.	1.7	8
133	Milk Lactoferrin: A Probable Immunological Agent Against SARS-CoV-2. <i>Basrah Journal of Agricultural Sciences</i> , 2020, 33, 138-146.	0.2	3
134	A review on exploring evidence-based approach to harnessing the immune system in times of corona virus pandemic: Best of modern and traditional Indian system of medicine. <i>Journal of Family Medicine and Primary Care</i> , 2020, 9, 3826.	0.3	8
135	The role of nutrition in strengthening immune system against newly emerging viral diseases: case of SARS-CoV-2. <i>Najfnr</i> , 2020, 4, 240-244.	0.1	16
136	Importance of micronutrients in bone health of monogastric animals and techniques to improve the bioavailability of micronutrient supplements – A review. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 1885-1895.	2.4	10
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138	Vitamin E supplementation in inflammatory skin diseases. <i>Dermatologic Therapy</i> , 2021, 34, e15160.	0.8	8
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141	Pharmacological Modulation of Immune Responses by Nutritional Components. <i>Pharmacological Reviews</i> , 2021, 73, 1369-1403.	7.1	11
142	Vitamina D e doenÇas infectocontagiosas na pandemia da COVID-19. <i>Research, Society and Development</i> , 2020, 9, e771974614.	0.0	0
144	Nutritionally Acquired Immunodeficiency Syndrome: An Interaction of Nutrition, Infection, and Immunity. <i>Pediatric Infectious Disease</i> , 2021, 2, 140-145.	0.0	0
145	Lipidomics: Clinical Application. , 2020, , 151-172.		0
146	Nutritional Influences on Immunity and Infection. , 2020, , 303-321.		20
147	Assessment of Immunopotential Action of Standardized Indian Herbal Formulation (Body Revival). <i>European Journal of Medical and Health Sciences</i> , 2020, 2, .	0.1	1
148	A naturopathic treatment approach for mild and moderate COVID-19: A retrospective chart review. <i>Complementary Therapies in Medicine</i> , 2021, 63, 102788.	1.3	7
149	Nano-Selenium and <i>Macleaya cordata</i> Extracts Improved Immune Functions of Intrauterine Growth Retardation Piglets under Maternal Oxidation Stress. <i>Biological Trace Element Research</i> , 2021, , 1.	1.9	12
150	COVID-19 ile MÅ¼cadelede TÅ±bbi Tedaviye ek olarak Å°mmÅ¼n Sistemin GÅ¼lendiriilmesi: Mikrobelerin Å–nemi. <i>NamÅ±k Kemal TÅ±p Dergisi</i> , 0, , .	0.0	0
151	Evidence Supporting a Phased Immuno-physiological Approach to COVID-19 From Prevention Through Recovery. <i>Integrative Medicine</i> , 2020, 19, 8-35.	0.1	8

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152	Current Trends of Food Analysis, Safety, and Packaging. International Journal of Food Science, 2021, 2021, 9924667.	0.9	0
153	The influence of essential fatty acids on the female health. Revista Da Associação Médica Brasileira, 2021, 67, 1209-1212.	0.3	0
154	Antioxidant and antimicrobial activities of phytonutrients as antibiotic substitutes in poultry feed. Environmental Science and Pollution Research, 2022, 29, 5006-5031.	2.7	22
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156	Bioengineered angiotensin-converting-enzyme-2: a potential therapeutic option against SARS-CoV-2 infection. Journal of Human Hypertension, 2022, 36, 488-492.	1.0	4
157	The omega-3 index is inversely associated with the neutrophil-lymphocyte ratio in adults [™] . Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 177, 102397.	1.0	5
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159	Current Trends of Food Analysis, Safety, and Packaging. International Journal of Food Science, 2021, 2021, 1-20.	0.9	25
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