

Type 1 Interferons Induce Changes in Core Metabolism Function

Immunity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of Interferons and Viruses on Metabolism. <i>Frontiers in Immunology</i> , 2016, 7, 630.	2.2	96
2	Integrating immunometabolism and macrophage diversity. <i>Seminars in Immunology</i> , 2016, 28, 417-424.	2.7	137
3	Metabolism and acetylation in innate immune cell function and fate. <i>Seminars in Immunology</i> , 2016, 28, 408-416.	2.7	39
4	The important roles of type I interferon and interferon-inducible genes in systemic lupus erythematosus. <i>International Immunopharmacology</i> , 2016, 40, 542-549.	1.7	35
5	pDCs Take a Deep Breath to Fight Viruses. <i>Immunity</i> , 2016, 44, 1246-1248.	6.6	3
6	Driving CARs into Sweet Roads: Targeting Glycosylated Antigens in Cancer. <i>Immunity</i> , 2016, 44, 1248-1250.	6.6	9
7	Type-I-interferons in infection and cancer: Unanticipated dynamics with therapeutic implications. <i>OncImmunology</i> , 2017, 6, e1314424.	2.1	106
8	Mitochondria are the powerhouses of immunity. <i>Nature Immunology</i> , 2017, 18, 488-498.	7.0	704
9	TLR-Induced Murine Dendritic Cell (DC) Activation Requires DC-Intrinsic Complement. <i>Journal of Immunology</i> , 2017, 199, 278-291.	0.4	46
10	Immunometabolism in systemic lupus erythematosus. <i>Nature Reviews Rheumatology</i> , 2017, 13, 280-290.	3.5	190
11	Metabolites: deciphering the molecular language between DCs and their environment. <i>Seminars in Immunopathology</i> , 2017, 39, 177-198.	2.8	10
13	Role of cellular metabolism in regulating type I interferon responses: Implications for tumour immunology and treatment. <i>Cancer Letters</i> , 2017, 409, 20-29.	3.2	17
14	Metabolism in Immune Cell Differentiation and Function. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1011, 1-85.	0.8	14
15	Innate and Adaptive Immune Cell Metabolism in Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1011, 211-223.	0.8	22
16	TLR7 mediated viral recognition results in focal type I interferon secretion by dendritic cells. <i>Nature Communications</i> , 2017, 8, 1592.	5.8	70
17	Metabolic abnormalities and oxidative stress in lupus. <i>Current Opinion in Rheumatology</i> , 2017, 29, 442-449.	2.0	67
18	Mitochondrial control of immunity: beyond ATP. <i>Nature Reviews Immunology</i> , 2017, 17, 608-620.	10.6	306
19	Metabolic Plasticity in Dendritic Cell Responses: Implications in Allergic Asthma. <i>Journal of Immunology Research</i> , 2017, 2017, 1-12.	0.9	17

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20	IFN-1 Bid crosstalk: foe or friend to stem cells. <i>Stem Cell Investigation</i> , 2017, 4, 18-18.	1.3	0
21	Lipid Droplets as Immune Modulators in Myeloid Cells. <i>Trends in Immunology</i> , 2018, 39, 380-392.	2.9	138
22	Interferon Gamma Induces Reversible Metabolic Reprogramming of M1 Macrophages to Sustain Cell Viability and Pro-Inflammatory Activity. <i>EBioMedicine</i> , 2018, 30, 303-316.	2.7	184
23	TLR-mediated metabolic reprogramming in the tumor microenvironment: potential novel strategies for cancer immunotherapy. <i>Cellular and Molecular Immunology</i> , 2018, 15, 428-437.	4.8	116
24	Growth of <i>Mycobacterium tuberculosis</i> in vivo segregates with host macrophage metabolism and ontogeny. <i>Journal of Experimental Medicine</i> , 2018, 215, 1135-1152.	4.2	421
25	The mitochondrial respiratory chain: A metabolic rheostat of innate immune cell-mediated antibacterial responses. <i>Mitochondrion</i> , 2018, 41, 28-36.	1.6	30
26	The role of nitric oxide in metabolic regulation of Dendritic cell immune function. <i>Cancer Letters</i> , 2018, 412, 236-242.	3.2	77
27	Adapted Immune Responses of Myeloid-Derived Cells in Fatty Liver Disease. <i>Frontiers in Immunology</i> , 2018, 9, 2418.	2.2	31
28	Human Dendritic Cell Subsets Undergo Distinct Metabolic Reprogramming for Immune Response. <i>Frontiers in Immunology</i> , 2018, 9, 2489.	2.2	86
29	Human Plasmacytoid and Monocyte-Derived Dendritic Cells Display Distinct Metabolic Profile Upon RIG-I Activation. <i>Frontiers in Immunology</i> , 2018, 9, 3070.	2.2	28
30	Identification of LncRNA Linc00513 Containing Lupus-Associated Genetic Variants as a Novel Regulator of Interferon Signaling Pathway. <i>Frontiers in Immunology</i> , 2018, 9, 2967.	2.2	56
31	Emerging Roles of Cellular Metabolism in Regulating Dendritic Cell Subsets and Function. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 152.	1.8	39
32	Interplay between Cellular Metabolism and Cytokine Responses during Viral Infection. <i>Viruses</i> , 2018, 10, 521.	1.5	33
33	Examining Relationships between Metabolism and Persistent Inflammation in HIV Patients on Antiretroviral Therapy. <i>Mediators of Inflammation</i> , 2018, 2018, 1-14.	1.4	37
34	Operation of mitochondrial machinery in viral infection-induced immune responses. <i>Biochemical Pharmacology</i> , 2018, 156, 348-356.	2.0	10
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38	Molecular Actions of PPAR α in Lipid Metabolism and Inflammation. <i>Endocrine Reviews</i> , 2018, 39, 760-802.	8.9	420
39	Diverse Roles of Mitochondria in Immune Responses: Novel Insights Into Immuno-Metabolism. <i>Frontiers in Immunology</i> , 2018, 9, 1605.	2.2	298
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41	Perturbation of Intracellular Cholesterol and Fatty Acid Homeostasis During Flavivirus Infections. <i>Frontiers in Immunology</i> , 2018, 9, 1276.	2.2	42
42	Transcriptional response to a prime/boost vaccination of chickens with three vaccine variants based on HA DNA and Pichia-produced HA protein. <i>Developmental and Comparative Immunology</i> , 2018, 88, 8-18.	1.0	4
43	Molecular dissection of plasmacytoid dendritic cell activation <i>in vivo</i> during a viral infection. <i>EMBO Journal</i> , 2018, 37, .	3.5	45
44	Mitochondria in innate immune signaling. <i>Translational Research</i> , 2018, 202, 52-68.	2.2	241
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50	Quorum Sensing by Monocyte-Derived Populations. <i>Frontiers in Immunology</i> , 2019, 10, 2140.	2.2	21
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52	Inhibition of fatty acid metabolism by etomoxir or TOFA suppresses murine dendritic cell activation without affecting viability. <i>Immunopharmacology and Immunotoxicology</i> , 2019, 41, 361-369.	1.1	13
53	Metformin Inhibits the Type 1 IFN Response in Human CD4 ⁺ T Cells. <i>Journal of Immunology</i> , 2019, 203, 338-348.	0.4	37
54	Advances in Cardiovascular Disease Lipid Research Can Provide Novel Insights Into Mycobacterial Pathogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 116.	1.8	6
55	Inflammation research sails through the sea of immunology to reach immunometabolism. <i>International Immunopharmacology</i> , 2019, 73, 128-145.	1.7	27

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64	Immunity, Hypoxia, and Metabolism—the MÃ©nage Å Trois of Cancer: Implications for Immunotherapy. <i>Physiological Reviews</i> , 2020, 100, 1-102.	13.1	190
65	Type I interferons and endoplasmic reticulum stress in health and disease. <i>International Review of Cell and Molecular Biology</i> , 2020, 350, 63-118.	1.6	53
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71	Deep Proteomic Deconvolution of Interferons and HBV Transfection Effects on a Hepatoblastoma Cell Line. <i>ACS Omega</i> , 2020, 5, 16796-16810.	1.6	2
72	Global Immunometabolic Profiling of AECOPD. <i>Small Methods</i> , 2020, 4, 2000483.	4.6	4
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85	Dynamic rewiring of the human interactome by interferon signaling. <i>Genome Biology</i> , 2020, 21, 140.	3.8	25
86	Metabolic host response and therapeutic approaches to influenza infection. <i>Cellular and Molecular Biology Letters</i> , 2020, 25, 15.	2.7	58
87	Metabolic determinants of lupus pathogenesis. <i>Immunological Reviews</i> , 2020, 295, 167-186.	2.8	30
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126	In vivo reprogramming of pathogenic lung TNFR2 ^{hi} cDC2s by IFN γ inhibits HDM-induced asthma. Science Immunology, 2021, 6, .	5.6	7
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132	Effects of Fatty Acid Oxidation and Its Regulation on Dendritic Cell-Mediated Immune Responses in Allergies: An Immunometabolism Perspective. <i>Journal of Immunology Research</i> , 2021, 2021, 1-10.	0.9	4
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135	Type I Interferon Induction and Exhaustion during Viral Infection: Plasmacytoid Dendritic Cells and Emerging COVID-19 Findings. <i>Viruses</i> , 2021, 13, 1839.	1.5	21
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141	Recent insights into the implications of metabolism in plasmacytoid dendritic cell innate functions: Potential ways to control these functions. <i>F1000Research</i> , 2017, 6, 456.	0.8	18
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144	ISG15 governs mitochondrial function in macrophages following vaccinia virus infection. <i>PLoS Pathogens</i> , 2017, 13, e1006651.	2.1	75
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147	FABP3 overexpression promotes vascular fibrosis in Takayasu's arteritis by enhancing fatty acid oxidation in aorta adventitial fibroblasts. <i>Rheumatology</i> , 2022, 61, 3071-3081.	0.9	9
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149	Metabolic Pathways in Immune Cells Commitment and Fate. , 2022, , 53-82.		0

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156	Suppression and Activation of Intracellular Immune Response in Initial Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 768740.	1.5	1
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159	Metabolic Sex Dimorphism of the Brain at the Gene, Cell, and Tissue Level. <i>Journal of Immunology</i> , 2022, 208, 212-220.	0.4	11
160	CD14 Is Involved in the Interferon Response of Human Macrophages to Rubella Virus Infection. <i>Biomedicines</i> , 2022, 10, 266.	1.4	2
161	IFN- β blockade during ART-treated SIV infection lowers tissue vDNA, rescues immune function, and improves overall health. <i>JCI Insight</i> , 2022, 7, .	2.3	6
162	Gut Microbiome in Non-Alcoholic Fatty Liver Disease: From Mechanisms to Therapeutic Role. <i>Biomedicines</i> , 2022, 10, 550.	1.4	16
163	Fatty Acid Metabolism and Cancer Immunotherapy. <i>Current Oncology Reports</i> , 2022, 24, 659-670.	1.8	23
165	Immune cell multiomics analysis reveals contribution of oxidative phosphorylation to B-cell functions and organ damage of lupus. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 845-853.	0.5	20
166	Lipid Metabolism: Immune Regulation and Therapeutic Prospectives in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2022, 13, 860586.	2.2	14
167	Critical role of nitric oxide in impeding COVID-19 transmission and prevention: a promising possibility. <i>Environmental Science and Pollution Research</i> , 2022, 29, 38657-38672.	2.7	10
168	Hypoxia promotes the tolerogenic phenotype of plasmacytoid dendritic cells in head and neck squamous cell carcinoma. <i>Cancer Medicine</i> , 2022, 11, 922-930.	1.3	12
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