

# Cell-intrinsic lysosomal lipolysis is essential for alterna

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2509-2519.	2.4	30
2	Metabolic Characterization of Polarized M1 and M2 Bone Marrow-derived Macrophages Using Real-time Extracellular Flux Analysis. Journal of Visualized Experiments, 2015, , .	0.3	170
3	Inhibition of fatty acid oxidation modulates immunosuppressive functions of myeloid-derived suppressor cells and enhances cancer therapies. , 2015, 3, .		5
4	Degradation and beyond. Current Opinion in Lipidology, 2015, 26, 394-404.	2.7	30
5	Alternative NF- $\kappa$ B Regulates RANKL-Induced Osteoclast Differentiation and Mitochondrial Biogenesis via Independent Mechanisms. Journal of Bone and Mineral Research, 2015, 30, 2287-2299.	2.8	70
6	MicroRNAs and the response to injury in atherosclerosis. Hamostaseologie, 2015, 35, 142-150.	1.9	27
7	The Metabolic Prospective and Redox Regulation of Macrophage Polarization. Journal of Clinical & Cellular Immunology, 2015, 06, .	1.5	50
8	Time and Demand are Two Critical Dimensions of Immunometabolism: The Process of Macrophage Activation and the Pentose Phosphate Pathway. Frontiers in Immunology, 2015, 6, 164.	4.8	129
9	AMP-Activated Protein Kinase Interacts with the Peroxisome Proliferator-Activated Receptor Delta to Induce Genes Affecting Fatty Acid Oxidation in Human Macrophages. PLoS ONE, 2015, 10, e0130893.	2.5	16
10	MicroRNA-33â€œdependent regulation of macrophage metabolism directs immune cell polarization in atherosclerosis. Journal of Clinical Investigation, 2015, 125, 4334-4348.	8.2	304
11	Maintenance of Macrophage Redox Status by ChREBP Limits Inflammation and Apoptosis and Protects against Advanced Atherosclerotic Lesion Formation. Cell Reports, 2015, 13, 132-144.	6.4	32
12	Ferritin-Mediated Iron Sequestration Stabilizes Hypoxia-Inducible Factor-1 $\alpha$ upon LPS Activation in the Presence of Ample Oxygen. Cell Reports, 2015, 13, 2048-2055.	6.4	106
13	Inflammasomes in pancreatic physiology and disease. American Journal of Physiology - Renal Physiology, 2015, 308, G643-G651.	3.4	47
14	IL-10 Production in Macrophages Is Regulated by a TLR-Driven CREB-Mediated Mechanism That Is Linked to Genes Involved in Cell Metabolism. Journal of Immunology, 2015, 195, 1218-1232.	0.8	92
15	Palmitoleate Reverses High Fat-induced Proinflammatory Macrophage Polarization via AMP-activated Protein Kinase (AMPK). Journal of Biological Chemistry, 2015, 290, 16979-16988.	3.4	149
16	Adipose tissue macrophage polarization by intermittent hypoxia in a mouse model of OSA: Effect of tumor microenvironment. Cancer Letters, 2015, 361, 233-239.	7.2	57
17	Pyruvate Dehydrogenase Kinase 1 Participates in Macrophage Polarization via Regulating Glucose Metabolism. Journal of Immunology, 2015, 194, 6082-6089.	0.8	251
18	IL-17 and neutrophils: unexpected players in the type 2 immune response. Current Opinion in Immunology, 2015, 34, 99-106.	5.5	70

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19	Mitochondria in the Regulation of Innate and Adaptive Immunity. <i>Immunity</i> , 2015, 42, 406-417.	14.3	693
20	T-cell energy metabolism as a controller of cell fate in transplantation. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 21-28.	1.6	22
21	MicroRNA-mediated mechanisms of the cellular stress response in atherosclerosis. <i>Nature Reviews Cardiology</i> , 2015, 12, 361-374.	13.7	101
22	Deletion of Macrophage Vitamin D Receptor Promotes Insulin Resistance and Monocyte Cholesterol Transport to Accelerate Atherosclerosis in Mice. <i>Cell Reports</i> , 2015, 10, 1872-1886.	6.4	106
23	Study of the activated macrophage transcriptome. <i>Experimental and Molecular Pathology</i> , 2015, 99, 575-580.	2.1	23
24	Cholesterol trafficking-related serum lipoprotein functions in children with cholesteryl ester storage disease. <i>Atherosclerosis</i> , 2015, 242, 443-449.	0.8	18
25	Fatty acids from fat cell lipolysis do not activate an inflammatory response but are stored as triacylglycerols in adipose tissue macrophages. <i>Diabetologia</i> , 2015, 58, 2627-2636.	6.3	30
26	Inhibition of Fatty Acid Oxidation Modulates Immunosuppressive Functions of Myeloid-Derived Suppressor Cells and Enhances Cancer Therapies. <i>Cancer Immunology Research</i> , 2015, 3, 1236-1247.	3.4	387
27	Metabolic Competition in the Tumor Microenvironment Is a Driver of Cancer Progression. <i>Cell</i> , 2015, 162, 1229-1241.	28.9	2,158
28	Control of macrophage metabolism and activation by mTOR and Akt signaling. <i>Seminars in Immunology</i> , 2015, 27, 286-296.	5.6	269
29	The Cellular and Molecular Basis of Translational Immunometabolism. <i>Immunity</i> , 2015, 43, 421-434.	14.3	161
30	Metabolic Reprogramming of Immune Cells in Cancer Progression. <i>Immunity</i> , 2015, 43, 435-449.	14.3	480
31	Molecular and epigenetic basis of macrophage polarized activation. <i>Seminars in Immunology</i> , 2015, 27, 237-248.	5.6	208
32	Regulation of Nlrp3 inflammasome by dietary metabolites. <i>Seminars in Immunology</i> , 2015, 27, 334-342.	5.6	48
33	Metabolic reprogramming and inflammation act in concert to control vascular remodeling in hypoxic pulmonary hypertension. <i>Journal of Applied Physiology</i> , 2015, 119, 1164-1172.	2.5	76
34	Lipid signaling in adipose tissue: Connecting inflammation & metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 503-518.	2.4	183
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36	Immunostimulatory Effects of Melphalan and Usefulness in Adoptive Cell Therapy with Antitumor CD4+ T Cells. <i>Critical Reviews in Immunology</i> , 2016, 36, 179-191.	0.5	23

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38	A guide to immunometabolism for immunologists. <i>Nature Reviews Immunology</i> , 2016, 16, 553-565.	22.7	2,100
39	Itaconate Links Inhibition of Succinate Dehydrogenase with Macrophage Metabolic Remodeling and Regulation of Inflammation. <i>Cell Metabolism</i> , 2016, 24, 158-166.	16.2	944
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41	Alpha $\beta$ -methylacyl-CoA racemase deletion has mutually counteracting effects on T $\beta$ cell responses, associated with unchanged course of EAE. <i>European Journal of Immunology</i> , 2016, 46, 570-581.	2.9	7
42	Role of Lysosomes in Intracellular Degradation. , 2016, , 612-620.		1
43	Regulation mechanism of PDK1 on macrophage metabolism and function. <i>Cell Biochemistry and Function</i> , 2016, 34, 546-553.	2.9	6
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47	Myeloid-Restricted AMPK $\beta$ 1 Promotes Host Immunity and Protects against IL-12/23p40 $\alpha$ -Dependent Lung Injury during Hookworm Infection. <i>Journal of Immunology</i> , 2016, 196, 4632-4640.	0.8	23
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49	TREM-1-accentuated lung injury via miR-155 is inhibited by LP17 nanomedicine. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L426-L438.	2.9	63
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51	TNF-Mediated Restriction of Arginase 1 Expression in Myeloid Cells Triggers Type 2 NO Synthase Activity at the Site of Infection. <i>Cell Reports</i> , 2016, 15, 1062-1075.	6.4	102
52	Exocytosis of macrophage lysosomes leads to digestion of apoptotic adipocytes and foam cell formation. <i>Journal of Lipid Research</i> , 2016, 57, 980-992.	4.2	86
53	MicroRNA regulation of macrophages in human pathologies. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3473-3495.	5.4	71
54	New insights into basophil heterogeneity. <i>Seminars in Immunopathology</i> , 2016, 38, 549-561.	6.1	28

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55	Macrophage fatty acid oxidation and its roles in macrophage polarization and fatty acid-induced inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1796-1807.	2.4	106
56	Autocrine IL-10 functions as a rheostat for M1 macrophage glycolytic commitment by tuning nitric oxide production. <i>Redox Biology</i> , 2016, 10, 12-23.	9.0	86
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63	Microglia and Monocyte-Derived Macrophages in Stroke. <i>Neurotherapeutics</i> , 2016, 13, 702-718.	4.4	105
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85	Metabolic communication in tumors: a new layer of immunoregulation for immune evasion. , 2016, 4, 4.		105
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96	Glycolysis regulates LPS-induced cytokine production in M2 polarized human macrophages. <i>Immunology Letters</i> , 2017, 183, 17-23.	2.5	30
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125	<i>LIPA</i> Variants in Genome-Wide Association Studies of Coronary Artery Diseases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1015-1017.	2.4	15
126	Influences of Histidine-1 and Azaphenylalanine-4 on the Affinity, Anti-inflammatory, and Antiangiogenic Activities of Azapeptide Cluster of Differentiation 36 Receptor Modulators. Journal of Medicinal Chemistry, 2017, 60, 9263-9274.	6.4	10
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128	Macrophages and Mitochondria. <i>Advances in Immunology</i> , 2017, 133, 1-36.	2.2	45
129	Macrophages in Nonalcoholic Fatty Liver Disease: A Role Model of Pathogenic Immunometabolism. <i>Seminars in Liver Disease</i> , 2017, 37, 189-197.	3.6	48
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136	Î±-ketoglutarate orchestrates macrophage activation through metabolic and epigenetic reprogramming. <i>Nature Immunology</i> , 2017, 18, 985-994.	14.5	715
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147	Specific and Complex Reprogramming of Cellular Metabolism in Myeloid Cells during Innate Immune Responses. <i>Cell Metabolism</i> , 2017, 26, 142-156.	16.2	144
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157	Recent Advances in Type-2-Cell-Mediated Immunity: Insights from Helminth Infection. <i>Immunity</i> , 2017, 47, 1024-1036.	14.3	159
158	Metabolic Remodeling, Inflammasome Activation, and Pyroptosis in Macrophages Stimulated by <i>Porphyromonas gingivalis</i> and Its Outer Membrane Vesicles. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 351.	3.9	138
159	Metabolism Supports Macrophage Activation. <i>Frontiers in Immunology</i> , 2017, 8, 61.	4.8	137
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162	2-Deoxy-d-Glucose Treatment Decreases Anti-inflammatory M2 Macrophage Polarization in Mice with Tumor and Allergic Airway Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 637.	4.8	70
163	Metabolic Plasticity of Stem Cells and Macrophages in Cancer. <i>Frontiers in Immunology</i> , 2017, 8, 939.	4.8	23

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