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## Protective and pathogenic functions of macrophage subsets

DOI: 10.1038/nri3073

Nature Reviews Immunology, 2011, 11, 723-37.

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2034	Role of c-MYC in tumor-associated macrophages and cancer progression. <b>2013</b> , 2, e22984	18
2033	Myeloid cell receptor LRP1/CD91 regulates monocyte recruitment and angiogenesis in tumors. <b>2013</b> , 73, 3902-12	60
2032	Negative regulation of human mononuclear phagocyte function. <b>2013</b> , 6, 205-23	11
2031	Sisters in arms: myeloid and tubular epithelial cells shape renal innate immunity. <b>2013</b> , 304, F1243-51	28
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1830	Quantification of entry phenotypes of macrophage-tropic HIV-1 across a wide range of CD4 densities. <b>2014</b> , 88, 1858-69	72
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1826	A perspective on immunomodulation and tissue repair. <b>2014</b> , 42, 338-51	73
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1824	Heparanase is preferentially expressed in human psoriatic lesions and induces development of psoriasiform skin inflammation in mice. <b>2014</b> , 71, 2347-2357	12
1823	Computational approach to characterize causative factors and molecular indicators of chronic wound inflammation. <b>2014</b> , 192, 1824-34	39

1822	Heme-mediated SPI-C induction promotes monocyte differentiation into iron-recycling macrophages. <b>2014</b> , 156, 1223-1234	258
1821	Activation of J774.1 murine macrophages by lactate dehydrogenase. <b>2014</b> , 66, 937-43	2
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1819	Corticosteroid effects on COPD alveolar macrophages: dependency on cell culture methodology. <b>2014</b> , 405, 144-53	12
1818	Triggering receptor expressed on myeloid cells-1 (TREM-1) improves host defence in pneumococcal pneumonia. <b>2014</b> , 233, 357-67	37
1817	Mycobacterium indicus pranii and Mycobacterium bovis BCG lead to differential macrophage activation in Toll-like receptor-dependent manner. <b>2014</b> , 143, 258-68	26
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1814	The cellular and molecular origin of tumor-associated macrophages. <b>2014</b> , 344, 921-5	805
1813	Lentivirus delivery of IL-10 to promote and sustain macrophage polarization towards an anti-inflammatory phenotype. <b>2014</b> , 111, 1210-21	79
1812	Tumour-educated macrophages display a mixed polarisation and enhance pancreatic cancer cell invasion. <b>2014</b> , 92, 543-52	67
1811	Active replication of Middle East respiratory syndrome coronavirus and aberrant induction of inflammatory cytokines and chemokines in human macrophages: implications for pathogenesis. <b>2014</b> , 209, 1331-42	285
1810	Adoptive transfer of cytokine-induced immunomodulatory adult microglia attenuates experimental autoimmune encephalomyelitis in DBA/1 mice. <b>2014</b> , 62, 804-17	56
1809	Macrophage activation and skeletal muscle healing following traumatic injury. <b>2014</b> , 232, 344-55	120
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1807	Cattle's variation in rumen ecology and metabolism and its contributions to feed efficiency. <b>2014</b> , 162, 66-75	33
1806	Macrophage heterogeneity in liver injury and fibrosis. <b>2014</b> , 60, 1090-6	540
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1803	Vascular endothelial growth factor signaling in injured nerves underlies peripheral sensitization in neuropathic pain. <b>2014</b> , 129, 169-78	36
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1795	A critical role for suppressor of cytokine signalling 3 in promoting M1 macrophage activation and function in vitro and in vivo. <b>2014</b> , 141, 96-110	93
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1793	Cannabis use by individuals with multiple sclerosis: effects on specific immune parameters. <b>2014</b> , 22, 295-303	20
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1791	CCL2-dependent macrophage recruitment is critical for mineralocorticoid receptor-mediated cardiac fibrosis, inflammation, and blood pressure responses in male mice. <b>2014</b> , 155, 1057-66	32
1790	Genetic susceptibility and loss of Nr4a1 enhances macrophage-mediated renal injury in CKD. <b>2014</b> , 25, 2499-510	22
1789	Mitochondrial metabolism, reactive oxygen species, and macrophage function—fishing for insights. <b>2014</b> , 92, 1119-28	20
1788	Hyaluronan protection of corneal endothelial cells against extracellular histones after phacoemulsification. <b>2014</b> , 40, 1885-93	4
1787	New therapeutic targets in idiopathic pulmonary fibrosis. Aiming to rein in runaway wound-healing responses. <b>2014</b> , 190, 867-78	175

1786	Lithium chloride induces TNF $\alpha$ in mouse macrophages via MEK-ERK-dependent pathway. <b>2014</b> , 115, 71-80	16
1785	Obesity during pregnancy disrupts placental morphology, cell proliferation, and inflammation in a sex-specific manner across gestation in the mouse. <b>2014</b> , 90, 130	86
1784	Mesenchymal stroma cells trigger early attraction of M1 macrophages and endothelial cells into fibrin hydrogels, stimulating long bone healing without long-term engraftment. <b>2014</b> , 10, 4730-4741	64
1783	Lead modulation of macrophages causes multiorgan detrimental health effects. <b>2014</b> , 28, 355-72	25
1782	Differences in cell-type-specific responses to angiotensin II explain cardiac remodeling differences in C57BL/6 mouse substrains. <b>2014</b> , 64, 1040-6	20
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1770	Myeloid-specific disruption of tyrosine phosphatase Shp2 promotes alternative activation of macrophages and predisposes mice to pulmonary fibrosis. <b>2014</b> , 193, 2801-11	72
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1767	Classical versus alternative macrophage activation: the Ying and the Yang in host defense against pulmonary fungal infections. <b>2014</b> , 7, 1023-35	78
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1751	A breast cancer stem cell niche supported by juxtacrine signalling from monocytes and macrophages. <b>2014</b> , 16, 1105-17	294

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1728	The fibrotic scar in neurological disorders. <b>2014</b> , 24, 404-13	56
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1726	Senescent cells: SASPected drivers of age-related pathologies. <b>2014</b> , 15, 627-42	129
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1623	MicroRNAs and cardiovascular diseases. <b>2015</b> , 2015, 682857	58
1622	Xuebijing Injection Promotes M2 Polarization of Macrophages and Improves Survival Rate in Septic Mice. <b>2015</b> , 2015, 352642	17
1621	Real-Time Detection of Nitric Oxide Release in Live Cells Utilizing Fluorinated Xerogel-Derived Nitric Oxide Sensor. <b>2015</b> ,	
1620	Supervised Learning with the Artificial Neural Networks Algorithm for Modeling Immune Cell Differentiation. <b>2015</b> , 1-18	2
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1618	NOTCH reprograms mitochondrial metabolism for proinflammatory macrophage activation. <b>2015</b> , 125, 1579-90	136
1617	Epidermal Fatty Acid binding protein promotes skin inflammation induced by high-fat diet. <b>2015</b> , 42, 953-964	67
1616	SHP-1-dependent macrophage differentiation exacerbates virus-induced myositis. <b>2015</b> , 194, 2796-809	17
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1614	C-reactive protein and inflammation: conformational changes affect function. <b>2015</b> , 396, 1181-97	156
1613	Factors secreted from dental pulp stem cells show multifaceted benefits for treating acute lung injury in mice. <b>2015</b> , 17, 1119-29	53
1612	The generation of macrophages with anti-inflammatory activity in the absence of STAT6 signaling. <b>2015</b> , 98, 395-407	33
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1609	Macrophages expressing arginase 1 and nitric oxide synthase 2 accumulate in the small intestine during <i>Giardia lamblia</i> infection. <b>2015</b> , 17, 462-7	29
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1606	Pharmacological effects of mitraphylline from <i>Uncaria tomentosa</i> in primary human monocytes: Skew toward M2 macrophages. <b>2015</b> , 170, 128-35	23
1605	Commensal bacteria drive endogenous transformation and tumour stem cell marker expression through a bystander effect. <b>2015</b> , 64, 459-68	71
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1602	Intestinal Antigen-Presenting Cells: Key Regulators of Immune Homeostasis and Inflammation. <b>2015</b> , 185, 1809-19	31
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1600	High-resolution quantitative proteome analysis reveals substantial differences between phagosomes of RAW 264.7 and bone marrow derived macrophages. <b>2015</b> , 15, 3169-74	47
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1596	Protective role of spleen-derived macrophages in lung inflammation, injury, and fibrosis induced by nitrogen mustard. <b>2015</b> , 309, L1487-98	24
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1594	Editorial. <b>2015</b> , 27, 235-6	9
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1589	Novel insights into the role of immune cells in skin and inducible skin-associated lymphoid tissue (iSALT). <b>2015</b> , 24, 170-179	16

1588	MiR-127 modulates macrophage polarization and promotes lung inflammation and injury by activating the JNK pathway. <b>2015</b> , 194, 1239-51	123
1587	Non-genetic engineering of cells for drug delivery and cell-based therapy. <b>2015</b> , 91, 125-40	157
1586	Direct measurement of oxidative and nitrosative stress dynamics in Salmonella inside macrophages. <b>2015</b> , 112, 560-5	58
1585	Inflammatory characteristics of distinct abdominal adipose tissue depots relate differently to metabolic risk factors for cardiovascular disease: distinct fat depots and vascular risk factors. <b>2015</b> , 239, 419-27	55
1584	Reprogramming of monocytes by GM-CSF contributes to regulatory immune functions during intestinal inflammation. <b>2015</b> , 194, 2424-38	54
1583	MicroRNAs and Other Non-Coding RNAs in Inflammation. <b>2015</b> ,	1
1582	ChemR23, the receptor for chemerin and resolvin E1, is expressed and functional on M1 but not on M2 macrophages. <b>2015</b> , 194, 2330-7	93
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1580	Epigenetic modifications of the immune system in health and disease. <b>2015</b> , 93, 226-32	73
1579	A modified murine model of systemic sclerosis: bleomycin given by pump infusion induced skin and pulmonary inflammation and fibrosis. <b>2015</b> , 95, 342-50	27
1578	The therapeutic potential of interleukin-10 in neuroimmune diseases. <b>2015</b> , 96, 55-69	134
1577	Docosahexaenoic acid induces M2 macrophage polarization through peroxisome proliferator-activated receptor $\alpha$ activation. <b>2015</b> , 120, 39-47	69
1576	Rhizoctonia bataticola lectin (RBL) induces phenotypic and functional characteristics of macrophages in THP-1 cells and human monocytes. <b>2015</b> , 163, 163-72	8
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1574	The many interactions between the innate immune system and the response to radiation. <b>2015</b> , 368, 173-8	36
1573	Alternative activation of human macrophages is rescued by estrogen treatment in vitro and impaired by menopausal status. <b>2015</b> , 100, E50-8	62
1572	The activation status of human macrophages presenting antigen determines the efficiency of Th17 responses. <b>2015</b> , 220, 10-9	48
1571	Versatile functions for IL-6 in metabolism and cancer. <b>2015</b> , 36, 92-101	234

1570	The role of innate immunity in osteoarthritis: when our first line of defense goes on the offensive. <b>2015</b> , 42, 363-71	148
1569	Macrophage and cancer cell cross-talk via CCR2 and CX3CR1 is a fundamental mechanism driving lung cancer. <b>2015</b> , 191, 437-47	121
1568	IL-10 engages macrophages to shift Th17 cytokine dependency and pathogenicity during T-cell-mediated colitis. <b>2015</b> , 6, 6131	43
1567	CD11b is protective in complement-mediated immune complex glomerulonephritis. <b>2015</b> , 87, 930-9	17
1566	Oxymatrine inhibits lipopolysaccharide-induced inflammation by down-regulating Toll-like receptor 4/nuclear factor-kappa B in macrophages. <b>2015</b> , 93, 253-60	29
1565	MicroRNA profiling reveals opposing expression patterns for miR-511 in alternatively and classically activated macrophages. <b>2015</b> , 52, 545-53	27
1564	Suppression of antigen presentation by IL-10. <b>2015</b> , 34, 22-7	156
1563	CX3CR1 reduces kidney fibrosis by inhibiting local proliferation of profibrotic macrophages. <b>2015</b> , 194, 1628-38	49
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1561	The impact of macrophage-cancer cell interaction on the efficacy of photodynamic therapy. <b>2015</b> , 14, 1403-9	25
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1558	Ebola: translational science considerations. <b>2015</b> , 13, 11	39
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1556	Nociceptin/orphanin FQ-NOP receptor system in inflammatory and immune-mediated diseases. <b>2015</b> , 97, 241-66	15
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1551	Cutaneous Na <sup>+</sup> storage strengthens the antimicrobial barrier function of the skin and boosts macrophage-driven host defense. <b>2015</b> , 21, 493-501	184
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1545	Hepatic CD206-positive macrophages express amphiregulin to promote the immunosuppressive activity of regulatory T cells in HBV infection. <b>2015</b> , 98, 1071-80	17
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1543	Glutaredoxin 2a overexpression in macrophages promotes mitochondrial dysfunction but has little or no effect on atherogenesis in LDL-receptor null mice. <b>2015</b> , 241, 69-78	8
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1536	Synthetic Nanoparticles for Vaccines and Immunotherapy. <b>2015</b> , 115, 11109-46	502
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1527	Evidence That Ly6C(hi) Monocytes are Protective in Acute Ischemic Stroke by Promoting M2 Macrophage Polarization. <b>2015</b> , 46, 1929-37	94
1526	Elucidation of monocyte/macrophage dynamics and function by intravital imaging. <b>2015</b> , 98, 319-32	28
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1461	In vivo delivery, pharmacokinetics, biodistribution and toxicity of iron oxide nanoparticles. <b>2015</b> , 44, 8576-607	506
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1026	Targeting inflammasome by the inhibition of caspase-1 activity using capped mesoporous silica nanoparticles. <b>2017</b> , 248, 60-70	24
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1024	Conditioned medium from persistently RSV-infected macrophages alters transcriptional profile and inflammatory response of non-infected macrophages. <b>2017</b> , 230, 29-37	2
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1018	Lysophosphatidic acid converts monocytes into macrophages in both mice and humans. <b>2017</b> , 129, 1177-1183	62
1017	MKL1 is an epigenetic mediator of TNF- $\alpha$ -induced proinflammatory transcription in macrophages by interacting with ASH2. <b>2017</b> , 591, 934-945	19
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1015	Antimetastatic pectic polysaccharide from Decalepis hamiltonii; galectin-3 inhibition and immune-modulation. <b>2017</b> , 34, 141-154	11
1014	Differential impact of obesity on the pathogenesis of RA or preclinical models is contingent on the disease status. <b>2017</b> , 76, 731-739	21
1013	Relationship between crown-like structures and sex-steroid hormones in breast adipose tissue and serum among postmenopausal breast cancer patients. <b>2017</b> , 19, 8	41

1012	Introducción al sistema inmune. Componentes celulares del sistema inmune innato. <b>2017</b> , 12, 1369-1378	
1011	In vitro and in vivo immunomodulatory activity of sulfated polysaccharide from <i>Porphyra haitanensis</i> . <b>2017</b> , 165, 189-196	76
1010	IL-4 mediated by HSV vector suppresses morphine withdrawal response and decreases TNF $\alpha$ /NR2B, and pC/EBP $\beta$ in the periaqueductal gray in rats. <b>2017</b> , 24, 224-233	7
1009	Casein Kinase 2 Interacting Protein-1 regulates M1 and M2 inflammatory macrophage polarization. <b>2017</b> , 33, 107-121	20
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960	The Presence of Interleukin-13 at Pancreatic ADM/PanIN Lesions Alters Macrophage Populations and Mediates Pancreatic Tumorigenesis. <b>2017</b> , 19, 1322-1333	63
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905	Osseointegration of titanium, titanium alloy and zirconia dental implants: current knowledge and open questions. <b>2017</b> , 73, 22-40	192

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