Cerebral regulatory TÂ cells restrain microglia/macropl responses via ILâ€10

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#	Article	IF	Citations
1	Lipopolysaccharide fromRhodobacter sphaeroidesAttenuates Microglia-Mediated Inflammation and Phagocytosis and Directs Regulatory T Cell Response. International Journal of Inflammation, 2015, 2015, 1-13.	0.9	28
2	The N-N non-covalent domain of the nucleocapsid protein of type 2 porcine reproductive and respiratory syndrome virus enhances induction of IL-10 expression. Journal of General Virology, 2015, 96, 1276-1286.	1.3	23
3	Phenotype and function of tissue-resident unconventional Foxp3-expressing CD4+ regulatory T cells. Cellular Immunology, 2015, 297, 53-59.	1.4	16
4	Interaction of astrocytes and T cells in physiological and pathological conditions. Brain Research, 2015, 1623, 63-73.	1.1	61
5	A Common Language: How Neuroimmunological Cross Talk Regulates Adult Hippocampal Neurogenesis. Stem Cells International, 2016, 2016, 1-13.	1.2	22
6	Interleukin-2 improves amyloid pathology, synaptic failure and memory in Alzheimerâ€™s disease mice. Brain, 2017, 140, aww330.	3.7	99
7	Phenotypical characterization of regulatory T cells in humans and rodents. Clinical and Experimental Immunology, 2016, 185, 281-291.	1.1	150
8	Inflammatory Disequilibrium in Stroke. Circulation Research, 2016, 119, 142-158.	2.0	190
9	Tuftsinâ€driven experimental autoimmune encephalomyelitis recovery requires neuropilinâ€1. Glia, 2016, 64, 923-936.	2.5	30
10	Understanding the Role of T Cells in CNS Homeostasis. Trends in Immunology, 2016, 37, 154-165.	2.9	125
11	Immunoregulation at the gliovascular unit in the healthy brain: A focus on Connexin 43. Brain, Behavior, and Immunity, 2016, 56, 1-9.	2.0	33
12	Decidual vascular endothelial cells promote maternalâ€“fetal immune tolerance by inducing regulatory T cells through canonical Notch1 signaling. Immunology and Cell Biology, 2016, 94, 458-469.	1.0	7
13	Linking T cells to Alzheimer's disease: from neurodegeneration to neurorepair. Current Opinion in Pharmacology, 2016, 26, 67-73.	1.7	30
14	Dynamics of T cell responses after stroke. Current Opinion in Pharmacology, 2016, 26, 26-32.	1.7	86
16	Contribution of neuroinflammation and immunity to brain aging and the mitigating effects of physical and cognitive interventions. Neuroscience and Biobehavioral Reviews, 2017, 75, 114-128.	2.9	193
17	TLR4 gene polymorphism associated with lifetime cigarette smoking in bipolar disorder. Journal of Neuroimmunology, 2017, 305, 96-101.	1.1	3
18	Probiotic treatment protects against the pro-depressant-like effect of high-fat diet in Flinders Sensitive Line rats. Brain, Behavior, and Immunity, 2017, 65, 33-42.	2.0	39
19	Polymorphisms in cytokine genes influence cognitive and functional performance in a population aged 75â€‰years and above. International Journal of Geriatric Psychiatry, 2017, 32, 1401-1410.	1.3	5

#	Article	IF	Citations
20	Complex Changes in the Innate and Adaptive Immunity Accompany Progressive Degeneration of the Nigrostriatal Pathway Induced by Intrastriatal Injection of 6-Hydroxydopamine in the Rat. Neurotoxicity Research, 2017, 32, 71-81.	1.3	29
21	The role of the immune system in Alzheimer disease: Etiology and treatment. Ageing Research Reviews, 2017, 40, 84-94.	5.0	167
22	Neuroimmune Mechanisms of Cerebellar Development and Its Developmental Disorders: Bidirectional Link Between the Immune System and Nervous System. , 2017, , 255-274.		2
23	Impact of aging immune system on neurodegeneration and potential immunotherapies. Progress in Neurobiology, 2017, 157, 2-28.	2.8	39
24	Contributions of the adaptive immune system to mood regulation: Mechanisms and pathways of neuroimmune interactions. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 49-57.	2.5	30
25	Atorvastatin Modulates Regulatory T Cells and Attenuates Cerebral Damage in a Model of Transient Middle Cerebral Artery Occlusion in Rats. Journal of NeuroImmune Pharmacology, 2017, 12, 152-162.	2.1	33
26	Multiple functional therapeutic effects of TnP: A small stable synthetic peptide derived from fish venom in a mouse model of multiple sclerosis. PLoS ONE, 2017, 12, e0171796.	1.1	15
27	Anti-inflammatory and immunomodulatory mechanisms of atorvastatin in a murine model of traumatic brain injury. Journal of Neuroinflammation, 2017, 14, 167.	3.1	159
28	Neuroimmunologic and Neurotrophic Interactions in Autism Spectrum Disorders: Relationship to Neuroinflammation. NeuroMolecular Medicine, 2018, 20, 161-173.	1.8	47
29	LIF and multiple sclerosis: One protein with two healing properties. Multiple Sclerosis and Related Disorders, 2018, 20, 223-227.	0.9	7
30	FasL incapacitation alleviates CD4+ T cells-induced brain injury through remodeling of microglia polarization in mouse ischemic stroke. Journal of Neuroimmunology, 2018, 318, 36-44.	1.1	19
31	In vitro and in vivo effect of PDâ€1/PDâ€L1 blockade on microglia/macrophage activation and T cell subset balance in cryptococcal meningitis. Journal of Cellular Biochemistry, 2018, 119, 3044-3057.	1.2	8
32	Rusty Microglia: Trainers of Innate Immunity in Alzheimer's Disease. Frontiers in Neurology, 2018, 9, 1062.	1.1	25
33	Gliaâ€“immune interactions post-ischemic stroke and potential therapies. Experimental Biology and Medicine, 2018, 243, 1302-1312.	1.1	13
34	Bee venom phospholipase A2 ameliorates Alzheimerâ€™s disease pathology in AÎ² vaccination treatment without inducing neuro-inflammation in a 3xTg-AD mouse model. Scientific Reports, 2018, 8, 17369.	1.6	23
35	The Impact of Stressor Exposure and Glucocorticoids on Anxiety and Fear. Current Topics in Behavioral Neurosciences, 2018, 43, 271-321.	0.8	16
36	Hyperglycemia Alters Astrocyte Metabolism and Inhibits Astrocyte Proliferation. , 2018, 9, 674.		52
37	Insights into the Role of Neuroinflammation in the Pathogenesis of Multiple Sclerosis. Journal of Functional Morphology and Kinesiology, 2018, 3, 13.	1.1	10

#	Article	IF	Citations
38	The potential importance of myeloid-derived suppressor cells (MDSCs) in the pathogenesis of Alzheimerâ€™s disease. Cellular and Molecular Life Sciences, 2018, 75, 3099-3120.	2.4	24
39	Mycobacterium vaccae immunization protects aged rats from surgery-elicited neuroinflammation and cognitive dysfunction. Neurobiology of Aging, 2018, 71, 105-114.	1.5	45
40	Neuro-Immune Mechanisms of Anti-Cryptococcal Protection. Journal of Fungi (Basel, Switzerland), 2018, 4, 4.	1.5	11
41	Experimental ischemic stroke induces long-term T cell activation in the brain. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2268-2276.	2.4	71
42	Post-Stroke Microglia Induce Sirtuin2 Expression to Suppress the Anti-inflammatory Function of Infiltrating Regulatory T Cells. Inflammation, 2019, 42, 1968-1979.	1.7	31
43	Sirtuin4 suppresses the antiâ€neuroinflammatory activity of infiltrating regulatory T cells in the traumatically injured spinal cord. Immunology, 2019, 158, 362-374.	2.0	21
44	When encephalitogenic T cells collaborate with microglia in multiple sclerosis. Nature Reviews Neurology, 2019, 15, 704-717.	4.9	100
45	T Cells as an Emerging Target for Chronic Pain Therapy. Frontiers in Molecular Neuroscience, 2019, 12, 216.	1.4	87
46	A T Cell Suppressive Circuitry Mediated by CD39 and Regulated by ShcC/Rai Is Induced in Astrocytes by Encephalitogenic T Cells. Frontiers in Immunology, 2019, 10, 1041.	2.2	7
47	Elevated bone marrow sympathetic drive precedes systemic inflammation in angiotensin II hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H279-H289.	1.5	27
48	Mitochondrial Neuroglobin Is Necessary for Protection Induced by Conditioned Medium from Human Adipose-Derived Mesenchymal Stem Cells in Astrocytic Cells Subjected to Scratch and Metabolic Injury. Molecular Neurobiology, 2019, 56, 5167-5187.	1.9	18
49	Expression of CD300lf by microglia contributes to resistance to cerebral malaria by impeding the neuroinflammation. Genes and Immunity, 2020, 21, 45-62.	2.2	12
50	Neuroinflammation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 175, 235-259.	1.0	21
51	Cystatin C Plays a Sex-Dependent Detrimental Role in Experimental Autoimmune Encephalomyelitis. Cell Reports, 2020, 33, 108236.	2.9	15
52	Microglia Require CD4ÂT Cells to Complete the Fetal-to-Adult Transition. Cell, 2020, 182, 625-640.e24.	13.5	191
53	A randomised clinical trial of methotrexate points to possible efficacy and adaptive immune dysfunction in psychosis. Translational Psychiatry, 2020, 10, 415.	2.4	30
54	Restoring regulatory T-cell dysfunction in Alzheimerâ€™s disease through ex vivo expansion. Brain Communications, 2020, 2, fcaa112.	1.5	48
55	Early postnatal tobacco smoke exposure aggravates experimental autoimmune encephalomyelitis in adult rats. Neurochemistry International, 2020, 141, 104892.	1.9	2

#	Article	IF	Citations
56	Communications Between Peripheral and the Brain-Resident Immune System in Neuronal Regeneration After Stroke. Frontiers in Immunology, 2020, 11, 1931.	2.2	18
57	Regulatory Roles of Bone in Neurodegenerative Diseases. Frontiers in Aging Neuroscience, 2020, 12, 610581.	1.7	10
58	Harnessing regulatory T cell neuroprotective activities for treatment of neurodegenerative disorders. Molecular Neurodegeneration, 2020, 15, 32.	4.4	57
59	The role of the immune system in driving neuroinflammation. Brain and Neuroscience Advances, 2020, 4, 239821281990108.	1.8	42
60	Beneficial and Detrimental Effects of Regulatory T Cells in Neurotropic Virus Infections. International Journal of Molecular Sciences, 2020, 21, 1705.	1.8	14
61	Potential microgliaâ€based interventions for stroke. CNS Neuroscience and Therapeutics, 2020, 26, 288-296.	1.9	38
62	Immune cell regulation of glia during CNS injury and disease. Nature Reviews Neuroscience, 2020, 21, 139-152.	4.9	230
63	Contributions of Age-Related Thymic Involution to Immunosenescence and Inflammaging. Immunity and Ageing, 2020, 17, 2.	1.8	211
64	FoxP3 deficiency causes no inflammation or neurodegeneration in the murine brain. Journal of Neuroimmunology, 2020, 342, 577216.	1.1	3
65	Regulatory T cells in ischemic stroke. CNS Neuroscience and Therapeutics, 2021, 27, 643-651.	1.9	37
66	Aging, demented patients and polymorphisms in cytokine genes. , 2021, , 27-35.		0
67	Modulation of astrocyte phenotype in response to T-cell interaction. Journal of Neuroimmunology, 2021, 351, 577455.	1.1	1
68	CD4+ and CD25+ Tâ€cell response to shortâ€time interferonâ€beta therapy on IL10, IL23A and FOXP3 genes in multiple sclerosis patients. International Journal of Clinical Practice, 2021, 75, e14238.	0.8	1
69	Immunosuppression and Neuroinflammation in Stroke Pathobiology. Experimental Neurobiology, 2021, 30, 101-112.	0.7	11
70	Cholinergic Modulation of the Immune System in Neuroinflammatory Diseases. Diseases (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.0	24
71	Barcoded viral tracing of single-cell interactions in central nervous system inflammation. Science, 2021, 372, .	6.0	127
72	Experimental Cryptorchidism Causes Chronic Inflammation and a Progressive Decline in Sertoli Cell and Leydig Cell Function in the Adult Rat Testis. Reproductive Sciences, 2021, 28, 2916-2928.	1.1	6
73	Impaired regulatory T cell control of astroglial overdrive and microglial pruning in schizophrenia. Neuroscience and Biobehavioral Reviews, 2021, 125, 637-653.	2.9	39

#	Article	IF	Citations
74	Regulatory T Cells Accelerate the Repair Process of Renal Fibrosis by Regulating Mononuclear Macrophages. American Journal of the Medical Sciences, 2021, 361, 776-785.	0.4	3
75	Immune Cells in the BBB Disruption After Acute Ischemic Stroke: Targets for Immune Therapy?. Frontiers in Immunology, 2021, 12, 678744.	2.2	135
76	Phenotypic and Functional Diversity in Regulatory T Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 715901.	1.8	17
77	Loss of vagal integrity disrupts immune components of the microbiota-gut-brain axis and inhibits the effect of Lactobacillus rhamnosus on behavior and the corticosterone stress response. Neuropharmacology, 2021, 195, 108682.	2.0	34
78	Sex-specific remodeling of T-cell compartment with aging: Implications for rat susceptibility to central nervous system autoimmune diseases. Immunology Letters, 2021, 239, 42-59.	1.1	0
79	T regulatory cells as a potential therapeutic target in psychosis? Current challenges and future perspectives. Brain, Behavior, & Immunity - Health, 2021, 17, 100330.	1.3	21
80	Disruption of Midkine gene reduces traumatic brain injury through the modulation of neuroinflammation. Journal of Neuroinflammation, 2020, 17, 40.	3.1	29
81	Friend or foe: the dichotomous impact of T cells on neuro-de/re-generation during aging. Oncotarget, 2017, 8, 7116-7137.	0.8	31
82	Crosstalk between Inflammation and the BBB in Stroke. Current Neuropharmacology, 2020, 18, 1227-1236.	1.4	74
85	Fighting fire with fire: The immune system might be key in our fight against Alzheimerâ€™s disease. Drug Discovery Today, 2022, 27, 1261-1283.	3.2	10
86	Helminthic dehydrogenase drives PGE ₂ and ILâ€10 production in monocytes to potentiate Treg induction. EMBO Reports, 2022, 23, e54096.	2.0	7
87	Insight Into Regulatory T Cells in Sepsis-Associated Encephalopathy. Frontiers in Neurology, 2022, 13, 830784.	1.1	3
88	New Paradigm in Cell Therapy Using Sperm Head to Restore Brain Function and Structure in Animal Model of Alzheimerâ€™s Disease: Support for Boosting Constructive Inflammation vs. Anti-Inflammatory Approach. Journal of Immunology Research, 2022, 2022, 1-29.	0.9	3
89	Neuroinflammation in Cerebral Ischemia and Ischemia/Reperfusion Injuries: From Pathophysiology to Therapeutic Strategies. International Journal of Molecular Sciences, 2022, 23, 14.	1.8	127
90	Superoxide Dismutase-1 Intracellular Content in T Lymphocytes Associates with Increased Regulatory T Cell Level in Multiple Sclerosis Subjects Undergoing Immune-Modulating Treatment. Antioxidants, 2021, 10, 1940.	2.2	4
91	Defining the Role of Anti- and Pro-inflammatory Outcomes of Interleukin-6 in Mental Health. Neuroscience, 2022, 492, 32-46.	1.1	28
93	The Regulatory-T-Cell Memory Phenotype: What We Know. Cells, 2022, 11, 1687.	1.8	12
94	Exosomes derived from regulatory T cells attenuates MPP+-induced inflammatory response and oxidative stress in BV-2 cells by inhibiting the TLR4/NF-Î°B signaling. Molecular and Cellular Toxicology, 0, , .	0.8	0

#	Article	IF	Citations
95	Brain-resident regulatory T cells and their role in health and disease. Immunology Letters, 2022, 248, 26-30.	1.1	25
96	Acquired immunity and Alzheimer's disease. Journal of Biomedical Research, 2023, 37, 15.	0.7	0
97	TREGking From Gut to Brain: The Control of Regulatory T Cells Along the Gut-Brain Axis. Frontiers in Immunology, 0, 13, .	2.2	10
98	Neuroprotective effects of ex vivo-expanded regulatory T cells on trimethyltin-induced neurodegeneration in mice. Journal of Neuroinflammation, 2022, 19, .	3.1	5
99	Therapeutic Strategies for Immune Transformation in Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2022, 12, S201-S222.	1.5	7
100	Implications of regulatory T cells in non-lymphoid tissue physiology and pathophysiology. Frontiers in Immunology, 0, 13, .	2.2	6
101	Regulatory T Cell Therapeutics for Neuroinflammatory Disorders. Critical Reviews in Immunology, 2022, , .	1.0	0
102	Infiltration Profile of Regulatory T Cells in Osteoarthritis-Related Pain and Disability. Biomedicines, 2022, 10, 2111.	1.4	5
103	Ex vivo expanded human regulatory T cells modify neuroinflammation in a preclinical model of Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2022, 10, .	2.4	15
104	Cellular Sources and Neuroprotective Roles of Interleukin-10 in the Facial Motor Nucleus after Axotomy. Cells, 2022, 11, 3167.	1.8	3
105	Depletion of regulatory T cells exacerbates inflammatory responses after chronic cerebral hypoperfusion in mice. Molecular and Cellular Neurosciences, 2022, 123, 103788.	1.0	3
106	Adoptive therapy with amyloid-Î² specific regulatory T cells alleviates Alzheimer's disease. Theranostics, 2022, 12, 7668-7680.	4.6	13
107	Regulatory T lymphocytes as a therapy for ischemic stroke. Seminars in Immunopathology, 2023, 45, 329-346.	2.8	12
108	Once induced, it lasts for a long time: the structural and molecular signatures associated with depressive-like behavior after neonatal immune activation. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	2
109	Current advances in stem cell therapy in the treatment of multiple sclerosis. Reviews in the Neurosciences, 2022, .	1.4	0
110	Adenovirus-IL-10 relieves chronic rejection after mouse heart transplantation by inhibiting miR-155 and activating SOCS5. International Journal of Medical Sciences, 2023, 20, 172-185.	1.1	0
111	Regulatory T cells alleviate myelin loss and cognitive dysfunction by regulating neuroinflammation and microglial pyroptosis via TLR4/MyD88/NF-ÎºB pathway in LPC-induced demyelination. Journal of Neuroinflammation, 2023, 20, .	3.1	10
112	Interrelation Between the Immune and the Nervous Systems in the Context of Cerebellar Development and Developmental Disorders. Contemporary Clinical Neuroscience, 2023, , 337-362.	0.3	0

#	Article	IF	Citations
113	Regulatory T cells promote functional recovery after spinal cord injury by alleviating microglia inflammation via <scp>STAT3</scp> inhibition. CNS Neuroscience and Therapeutics, 2023, 29, 2129-2144.	1.9	8
114	T cell aging and Alzheimerâ€™s disease. Frontiers in Immunology, 0, 14, .	2.2	7
115	Dysregulated brain regulatory TÂcells fail to control reactive gliosis following repeated antigen stimulation. IScience, 2023, 26, 106628.	1.9	0
116	Involvement immune response in the pathogenesis of ischemic stroke. Meditsinskiy Sovet, 2023, , 8-16.	0.1	2
117	Promoted Generation of T Helper 1-Like Regulatory T Cells After Transient Middle Cerebral Artery Occlusion in Type-2 Diabetic Mice. Immunological Investigations, 2023, 52, 482-498.	1.0	1