

Comparative Analysis of the Immunomodulatory Properties of Mesenchymal Stem Cells

Cell Medicine

4, 1-12

DOI: [10.3727/215517912x647217](https://doi.org/10.3727/215517912x647217)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Safety and immunomodulatory effects of allogeneic canine adipose-derived mesenchymal stromal cells transplanted into the region of the lacrimal gland, the gland of the third eyelid and the knee joint. <i>Cytotherapy</i> , 2013, 15, 1498-1510.	0.3	42
2	Conditioned Medium from Horse Amniotic Membrane-Derived Multipotent Progenitor Cells: Immunomodulatory Activity In Vitro and First Clinical Application in Tendon and Ligament Injuries In Vivo. <i>Stem Cells and Development</i> , 2013, 22, 3015-3024.	1.1	76
3	The effects of therapeutic concentrations of gentamicin, amikacin and hyaluronic acid on cultured bone marrow-derived equine mesenchymal stem cells. <i>Equine Veterinary Journal</i> , 2013, 45, 732-736.	0.9	26
4	Therapeutic use of stem cells in horses: Which type, how, and when?. <i>Veterinary Journal</i> , 2013, 197, 570-577.	0.6	75
5	Allogeneic Adipose Tissue-Derived Mesenchymal Stem Cells in Combination with Platelet Rich Plasma are Safe and Effective in the Therapy of Superficial Digital Flexor Tendonitis in the Horse. <i>International Journal of Immunopathology and Pharmacology</i> , 2013, 26, 61-68.	1.0	68
6	Secretion of immunoregulatory cytokines by mesenchymal stem cells. <i>World Journal of Stem Cells</i> , 2014, 6, 552.	1.3	485
7	Gene expression of tendon markers in mesenchymal stromal cells derived from different sources. <i>BMC Research Notes</i> , 2014, 7, 826.	0.6	29
8	Equine Mesenchymal Stem Cells Inhibit T Cell Proliferation Through Different Mechanisms Depending on Tissue Source. <i>Stem Cells and Development</i> , 2014, 23, 1258-1265.	1.1	84
9	Characterization and profiling of immunomodulatory genes of equine mesenchymal stromal cells from non-invasive sources. <i>Stem Cell Research and Therapy</i> , 2014, 5, 6.	2.4	47
10	Equine mesenchymal stromal cells and embryo-derived stem cells are immune privileged in vitro. <i>Stem Cell Research and Therapy</i> , 2014, 5, 90.	2.4	42
11	The current "state of play" of regenerative medicine in horses: what the horse can tell the human. <i>Regenerative Medicine</i> , 2014, 9, 673-685.	0.8	41
12	Equine bone marrow-derived mesenchymal stromal cells are heterogeneous in MHC class II expression and capable of inciting an immune response in vitro. <i>Stem Cell Research and Therapy</i> , 2014, 5, 13.	2.4	116
14	Equine mesenchymal stem cells from bone marrow, adipose tissue and umbilical cord: immunophenotypic characterization and differentiation potential. <i>Stem Cell Research and Therapy</i> , 2014, 5, 25.	2.4	110
15	Gastrointestinal Microbes Interact with Canine Adipose-Derived Mesenchymal Stem Cells In Vitro and Enhance Immunomodulatory Functions. <i>Stem Cells and Development</i> , 2014, 23, 1831-1843.	1.1	55
16	Role of mesenchymal stem cells in cell life and their signaling. <i>World Journal of Stem Cells</i> , 2014, 6, 24.	1.3	19
17	Multiple intravenous injections of allogeneic equine mesenchymal stem cells do not induce a systemic inflammatory response but do alter lymphocyte subsets in healthy horses. <i>Stem Cell Research and Therapy</i> , 2015, 6, 73.	2.4	43
18	Equine allogeneic bone marrow-derived mesenchymal stromal cells elicit antibody responses in vivo. <i>Stem Cell Research and Therapy</i> , 2015, 6, 54.	2.4	110
19	Phenotypic and Immunomodulatory Properties of Equine Cord Blood-Derived Mesenchymal Stromal Cells. <i>PLoS ONE</i> , 2015, 10, e0122954.	1.1	38

#	ARTICLE	IF	CITATIONS
20	Equine Induced Pluripotent Stem Cells have a Reduced Tendon Differentiation Capacity Compared to Embryonic Stem Cells. <i>Frontiers in Veterinary Science</i> , 2015, 2, 55.	0.9	38
21	Immunomodulatory Role of Adipose-Derived Stem Cells on Equine Endometriosis. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	25
22	Expression of genes involved in immune response and in vitro immunosuppressive effect of equine MSCs. <i>Veterinary Immunology and Immunopathology</i> , 2015, 165, 107-118.	0.5	24
23	Fibrin-based 3D matrices induce angiogenic behavior of adipose-derived stem cells. <i>Acta Biomaterialia</i> , 2015, 17, 78-88.	4.1	72
24	Biologic Strategies for Intra-articular Treatment and Cartilage Repair. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 175-190.	0.4	11
25	Endometriotic mesenchymal stem cells exhibit a distinct immune phenotype. <i>International Immunology</i> , 2015, 27, 195-204.	1.8	27
26	Stem Cells from Foetal Adnexa and Fluid in Domestic Animals: An Update on Their Features and Clinical Application. <i>Reproduction in Domestic Animals</i> , 2015, 50, 353-364.	0.6	18
27	Mesenchymal Stem Cell Therapy: Clinical Progress and Opportunities for Advancement. <i>Current Pathobiology Reports</i> , 2015, 3, 1-7.	1.6	8
28	Feline Foamy Virus Adversely Affects Feline Mesenchymal Stem Cell Culture and Expansion: Implications for Animal Model Development. <i>Stem Cells and Development</i> , 2015, 24, 814-823.	1.1	44
29	State of the art: Stem cells in equine regenerative medicine. <i>Equine Veterinary Journal</i> , 2015, 47, 145-154.	0.9	31
30	Advances in the Use of Stem Cells in Veterinary Medicine: From Basic Research to Clinical Practice. <i>Scientifica</i> , 2016, 2016, 1-12.	0.6	28
31	A Comparative Study of Growth Kinetics, In Vitro Differentiation Potential and Molecular Characterization of Fetal Adnexa Derived Caprine Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0156821.	1.1	39
32	Response to Intravenous Allogeneic Equine Cord Blood-Derived Mesenchymal Stromal Cells Administered from Chilled or Frozen State in Serum and Protein-Free Media. <i>Frontiers in Veterinary Science</i> , 2016, 3, 56.	0.9	17
33	Effect of inflammatory environment on equine bone marrow derived mesenchymal stem cells immunogenicity and immunomodulatory properties. <i>Veterinary Immunology and Immunopathology</i> , 2016, 171, 57-65.	0.5	53
35	Comparative Characterization of Human and Equine Mesenchymal Stromal Cells: A Basis for Translational Studies in the Equine Model. <i>Cell Transplantation</i> , 2016, 25, 109-124.	1.2	39
36	Inflammatory response to the administration of mesenchymal stem cells in an equine experimental model: effect of autologous, and single and repeat doses of pooled allogeneic cells in healthy joints. <i>BMC Veterinary Research</i> , 2016, 12, 65.	0.7	58
37	Comparative study of equine mesenchymal stem cells from healthy and injured synovial tissues: an in vitro assessment. <i>Stem Cell Research and Therapy</i> , 2016, 7, 35.	2.4	33
38	Equine allogeneic umbilical cord blood derived mesenchymal stromal cells reduce synovial fluid nucleated cell count and induce mild self-limiting inflammation when evaluated in an lipopolysaccharide induced synovitis model. <i>Equine Veterinary Journal</i> , 2016, 48, 619-625.	0.9	41

#	ARTICLE	IF	CITATIONS
39	Donor-derived equine mesenchymal stem cells suppress proliferation of mismatched lymphocytes. <i>Equine Veterinary Journal</i> , 2016, 48, 253-260.	0.9	28
40	Canine and Equine Mesenchymal Stem Cells Grown in Serum Free Media Have Altered Immunophenotype. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 245-256.	5.6	47
41	Canine placenta: A promising potential source of highly proliferative and immunomodulatory mesenchymal stromal cells?. <i>Veterinary Immunology and Immunopathology</i> , 2016, 171, 47-55.	0.5	32
42	Therapeutic Efficacy of Fresh, Autologous Mesenchymal Stem Cells for Severe Refractory Gingivostomatitis in Cats. <i>Stem Cells Translational Medicine</i> , 2016, 5, 75-86.	1.6	88
43	Autologous and Allogeneic Equine Mesenchymal Stem Cells Exhibit Equivalent Immunomodulatory Properties In Vitro. <i>Stem Cells and Development</i> , 2017, 26, 503-511.	1.1	47
44	Retinoic acid-mediated anti-inflammatory responses in equine immune cells stimulated by LPS and allogeneic mesenchymal stem cells. <i>Research in Veterinary Science</i> , 2017, 114, 225-232.	0.9	11
45	Human and feline adipose-derived mesenchymal stem cells have comparable phenotype, immunomodulatory functions, and transcriptome. <i>Stem Cell Research and Therapy</i> , 2017, 8, 69.	2.4	42
46	Impact of Cryopreservation on Caprine Fetal Adnexa Derived Stem Cells and Its Evaluation for Growth Kinetics, Phenotypic Characterization, and Wound Healing Potential in Xenogenic Rat Model. <i>Journal of Cellular Physiology</i> , 2017, 232, 2186-2200.	2.0	20
47	Ultrastructural characteristics and immune profile of equine MSCs from fetal adnexa. <i>Reproduction</i> , 2017, 154, 509-519.	1.1	18
48	Antigenicity of mesenchymal stem cells in an inflamed joint environment. <i>American Journal of Veterinary Research</i> , 2017, 78, 867-875.	0.3	18
49	The Challenge in Using Mesenchymal Stromal Cells for Recellularization of Decellularized Cartilage. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 50-67.	5.6	39
50	Priming Equine Bone Marrow-Derived Mesenchymal Stem Cells with Proinflammatory Cytokines: Implications in Immunomodulation—Immunogenicity Balance, Cell Viability, and Differentiation Potential. <i>Stem Cells and Development</i> , 2017, 26, 15-24.	1.1	69
51	Allogeneic major histocompatibility complex-mismatched equine bone marrow-derived mesenchymal stem cells are targeted for death by cytotoxic anti-major histocompatibility complex antibodies. <i>Equine Veterinary Journal</i> , 2017, 49, 539-544.	0.9	71
52	In-vitro characterization of canine multipotent stromal cells isolated from synovium, bone marrow, and adipose tissue: a donor-matched comparative study. <i>Stem Cell Research and Therapy</i> , 2017, 8, 218.	2.4	63
53	Transforming Growth Factor- β 2 Downregulates Major Histocompatibility Complex (MHC) I and MHC II Surface Expression on Equine Bone Marrow-Derived Mesenchymal Stem Cells Without Altering Other Phenotypic Cell Surface Markers. <i>Frontiers in Veterinary Science</i> , 2017, 4, 84.	0.9	33
54	Tenogenically Induced Allogeneic Peripheral Blood Mesenchymal Stem Cells in Allogeneic Platelet-Rich Plasma: 2-Year Follow-up after Tendon or Ligament Treatment in Horses. <i>Frontiers in Veterinary Science</i> , 2017, 4, 158.	0.9	35
55	Human Bone Marrow Mesenchymal Stem/Stromal Cells Preserve Their Immunomodulatory and Chemotactic Properties When Expanded in a Human Plasma Derived Xeno-Free Medium. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	9
56	Mesenchymal stem cell therapy in cats: Current knowledge and future potential. <i>Journal of Feline Medicine and Surgery</i> , 2018, 20, 208-216.	0.6	41

#	ARTICLE	IF	CITATIONS
57	A Comparison of Bone Marrow and Cord Blood Mesenchymal Stem Cells for Cartilage Self-Assembly. <i>Tissue Engineering - Part A</i> , 2018, 24, 1262-1272.	1.6	19
58	Equine allogeneic chondrogenic induced mesenchymal stem cells: A GCP target animal safety and biodistribution study. <i>Research in Veterinary Science</i> , 2018, 117, 246-254.	0.9	17
59	Safety and tracking of intrathecal allogeneic mesenchymal stem cell transplantation in healthy and diseased horses. <i>Stem Cell Research and Therapy</i> , 2018, 9, 96.	2.4	26
60	Placental Stem Cells from Domestic Animals. <i>Cell Transplantation</i> , 2018, 27, 93-116.	1.2	30
61	TGF- β 2 Family Signaling in Mesenchymal Differentiation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a022202.	2.3	175
62	Equine mesenchymal stem cells derived from endometrial or adipose tissue share significant biological properties, but have distinctive pattern of surface markers and migration. <i>Theriogenology</i> , 2018, 106, 93-102.	0.9	32
63	Serum-free human MSC medium supports consistency in human but not in equine adipose-derived multipotent mesenchymal stromal cell culture. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 60-72.	1.1	16
64	The immunomodulatory function of equine MSCs is enhanced by priming through an inflammatory microenvironment or TLR3 ligand. <i>Veterinary Immunology and Immunopathology</i> , 2018, 195, 33-39.	0.5	32
65	Allogeneic Stem Cells Alter Gene Expression and Improve Healing of Distal Limb Wounds in Horses. <i>Stem Cells Translational Medicine</i> , 2018, 7, 98-108.	1.6	34
66	Cardiosphere-derived cells suppress allogeneic lymphocytes by production of PGE2 acting via the EP4 receptor. <i>Scientific Reports</i> , 2018, 8, 13351.	1.6	11
67	Cell Identity, Proliferation, and Cytogenetic Assessment of Equine Umbilical Cord Blood Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2018, 27, 1729-1738.	1.1	5
68	Effects of human umbilical cord-derived mesenchymal stem cells on hematologic malignancies. <i>Oncology Letters</i> , 2018, 15, 6982-6990.	0.8	5
69	Practical considerations for clinical use of mesenchymal stem cells: From the laboratory to the horse. <i>Veterinary Journal</i> , 2018, 238, 49-57.	0.6	16
70	Cell-Based Therapies for Joint Disease in Veterinary Medicine: What We Have Learned and What We Need to Know. <i>Frontiers in Veterinary Science</i> , 2018, 5, 70.	0.9	50
71	Iberian pig mesenchymal stem/stromal cells from dermal skin, abdominal and subcutaneous adipose tissues, and peripheral blood: in vitro characterization and migratory properties in inflammation. <i>Stem Cell Research and Therapy</i> , 2018, 9, 178.	2.4	29
72	Equine mesenchymal stromal cells from different tissue sources display comparable immune-related gene expression profiles in response to interferon gamma (IFN)- γ . <i>Veterinary Immunology and Immunopathology</i> , 2018, 202, 25-30.	0.5	20
73	Animal mesenchymal stem cell research in cartilage regenerative medicine – a review. <i>Veterinary Quarterly</i> , 2019, 39, 95-120.	3.0	19
74	Mechanisms utilized by feline adipose-derived mesenchymal stem cells to inhibit T lymphocyte proliferation. <i>Stem Cell Research and Therapy</i> , 2019, 10, 188.	2.4	25

#	ARTICLE	IF	CITATIONS
75	A novel direct co-culture assay analyzed by multicolor flow cytometry reveals context- and cell type-specific immunomodulatory effects of equine mesenchymal stromal cells. <i>PLoS ONE</i> , 2019, 14, e0218949.	1.1	8
76	Equine Fetal, Adult, and Embryonic Stem Cell-Derived Tenocytes Are All Immune Privileged but Exhibit Different Immune Suppressive Properties In Vitro. <i>Stem Cells and Development</i> , 2019, 28, 1413-1423.	1.1	8
77	Subconjunctival bone marrow-derived mesenchymal stem cell therapy as a novel treatment alternative for equine immune-mediated keratitis: A case series. <i>Veterinary Ophthalmology</i> , 2019, 22, 674-682.	0.6	26
78	Intra-Articular Injection of 2 Different Dosages of Autologous and Allogeneic Bone Marrow- and Umbilical Cord-Derived Mesenchymal Stem Cells Triggers a Variable Inflammatory Response of the Fetlock Joint on 12 Sound Experimental Horses. <i>Stem Cells International</i> , 2019, 2019, 1-17.	1.2	27
79	Generation and miRNA Characterization of Equine Induced Pluripotent Stem Cells Derived from Fetal and Adult Multipotent Tissues. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	16
80	Improved expansion of equine cord blood derived mesenchymal stromal cells by using microcarriers in stirred suspension bioreactors. <i>Journal of Biological Engineering</i> , 2019, 13, 25.	2.0	11
81	<i>Regenerative Medicine</i> , 2019, , 104-122.		2
82	The Equine Hoof: Laminitis, Progenitor (Stem) Cells, and Therapy Development. <i>Toxicologic Pathology</i> , 2021, 49, 1294-1307.	0.9	6
83	Comparative analysis and characterization of soluble factors and exosomes from cultured adipose tissue and bone marrow mesenchymal stem cells in canine species. <i>Veterinary Immunology and Immunopathology</i> , 2019, 208, 6-15.	0.5	63
84	Equine Allogeneic Chondrogenic Induced Mesenchymal Stem Cells Are an Effective Treatment for Degenerative Joint Disease in Horses. <i>Stem Cells and Development</i> , 2019, 28, 410-422.	1.1	41
85	Equine Mesenchymal Stem Cells: Properties, Sources, Characterization, and Potential Therapeutic Applications. <i>Journal of Equine Veterinary Science</i> , 2019, 72, 16-27.	0.4	49
86	Equine Cord Blood Mesenchymal Stromal Cells Have Greater Differentiation and Similar Immunosuppressive Potential to Cord Tissue Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2019, 28, 227-237.	1.1	17
87	Horses with equine recurrent uveitis have an activated CD4+ T cell phenotype that can be modulated by mesenchymal stem cells in vitro. <i>Veterinary Ophthalmology</i> , 2020, 23, 160-170.	0.6	27
88	Equine bone marrow-derived mesenchymal stromal cells inhibit reactive oxygen species production by neutrophils. <i>Veterinary Immunology and Immunopathology</i> , 2020, 221, 109975.	0.5	14
89	Can Extracorporeal Shockwave Promote Osteogenesis of Equine Bone Marrow-Derived Mesenchymal Stem Cells In Vitro. <i>Stem Cells and Development</i> , 2020, 29, 110-118.	1.1	6
90	Therapeutic mesenchymal stromal stem cells: Isolation, characterization and role in equine regenerative medicine and metabolic disorders. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 301-322.	1.7	27
91	Heat Shock Alters Mesenchymal Stem Cell Identity and Induces Premature Senescence. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 565970.	1.8	24
92	In vitro preconditioning of equine adipose mesenchymal stem cells with prostaglandin E2, substance P and their combination changes the cellular protein secretomics and improves their immunomodulatory competence without compromising stemness. <i>Veterinary Immunology and Immunopathology</i> , 2020, 228, 110100.	0.5	8

#	ARTICLE	IF	CITATIONS
93	A comparative analysis of immunomodulatory genes in two clonal subpopulations of CD90+ amniocytes isolated from human amniotic fluid. <i>Placenta</i> , 2020, 101, 234-241.	0.7	4
94	Placenta-derived multipotent mesenchymal stromal cells: a promising potential cell-based therapy for canine inflammatory brain disease. <i>Stem Cell Research and Therapy</i> , 2020, 11, 304.	2.4	11
95	Quality control and immunomodulatory potential for clinical-grade equine bone marrow-derived mesenchymal stromal cells and conditioned medium. <i>Research in Veterinary Science</i> , 2020, 132, 407-415.	0.9	3
96	One health in regenerative medicine: report on the second Havemeyer symposium on regenerative medicine in horses. <i>Regenerative Medicine</i> , 2020, 15, 1775-1787.	0.8	4
97	Mesenchymal Stromal Cells as Potential Antimicrobial for Veterinary Use—A Comprehensive Review. <i>Frontiers in Microbiology</i> , 2020, 11, 606404.	1.5	21
98	Mesenchymal Stem Cell in Veterinary Sciences. , 2020, , .		2
99	Pre-conditioning of Equine Bone Marrow-Derived Mesenchymal Stromal Cells Increases Their Immunomodulatory Capacity. <i>Frontiers in Veterinary Science</i> , 2020, 7, 318.	0.9	17
100	Edition of Prostaglandin E2 Receptors EP2 and EP4 by CRISPR/Cas9 Technology in Equine Adipose Mesenchymal Stem Cells. <i>Animals</i> , 2020, 10, 1078.	1.0	5
101	Fat Therapeutics: The Clinical Capacity of Adipose-Derived Stem Cells and Exosomes for Human Disease and Tissue Regeneration. <i>Frontiers in Pharmacology</i> , 2020, 11, 158.	1.6	117
102	A multicenter experience using adipose-derived mesenchymal stem cell therapy for cats with chronic, non-responsive gingivostomatitis. <i>Stem Cell Research and Therapy</i> , 2020, 11, 115.	2.4	28
103	Priming with inflammatory cytokines is not a prerequisite to increase immune-suppressive effects and responsiveness of equine amniotic mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 99.	2.4	10
104	Mesenchymal Stem Cell-Mediated Immuno-Modulatory and Anti- Inflammatory Mechanisms in Immune and Allergic Disorders. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2020, 14, 3-14.	3.9	13
105	Mesenchymal stem cells for treatment of musculoskeletal disease in horses: Relative merits of allogeneic versus autologous stem cells. <i>Equine Veterinary Journal</i> , 2020, 52, 654-663.	0.9	19
106	The Potential of Mesenchymal Stem Cells to Treat Systemic Inflammation in Horses. <i>Frontiers in Veterinary Science</i> , 2019, 6, 507.	0.9	34
107	Adipose-Derived Stromal/Stem Cells from Large Animal Models: from Basic to Applied Science. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 719-738.	1.7	18
108	Pluripotency and immunomodulatory signatures of canine induced pluripotent stem cell-derived mesenchymal stromal cells are similar to harvested mesenchymal stromal cells. <i>Scientific Reports</i> , 2021, 11, 3486.	1.6	14
109	TGF- β 2 Reduces the Cell-Mediated Immunogenicity of Equine MHC-Mismatched Bone Marrow-Derived Mesenchymal Stem Cells Without Altering Immunomodulatory Properties. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 628382.	1.8	10
110	Effects of continuous passage on the immunomodulatory properties of equine bone marrow-derived mesenchymal stem cells in vitro. <i>Veterinary Immunology and Immunopathology</i> , 2021, 234, 110203.	0.5	5

#	ARTICLE	IF	CITATIONS
111	Priming human adipose-derived mesenchymal stem cells for corneal surface regeneration. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5124-5137.	1.6	18
112	Comparative analysis of the immunomodulatory potential of caprine fetal adnexa derived mesenchymal stem cells. <i>Molecular Biology Reports</i> , 2021, 48, 3913-3923.	1.0	0
113	Effects of Normal Synovial Fluid and Interferon Gamma on Chondrogenic Capability and Immunomodulatory Potential Respectively on Equine Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6391.	1.8	8
114	Allogenic mesenchymal stem cell-conditioned medium does not affect sperm parameters and mitigates early endometrial inflammatory responses in mares. <i>Theriogenology</i> , 2021, 169, 1-8.	0.9	5
115	Repeated intra-articular administration of equine allogenic peripheral blood-derived mesenchymal stem cells does not induce a cellular and humoral immune response in horses. <i>Veterinary Immunology and Immunopathology</i> , 2021, 239, 110306.	0.5	12
116	Regenerative Medicine for Equine Musculoskeletal Diseases. <i>Animals</i> , 2021, 11, 234.	1.0	22
117	Umbilical Cord Blood Cells in the Repair of Central Nervous System Diseases. , 2014, , 269-287.		7
118	Anti-inflammatory effects of equine adipose-derived mesenchymal stem cells for bone fracture in thoroughbred racehorses. <i>Journal of Preventive Veterinary Medicine</i> , 2015, 39, 93-100.	0.1	3
119	Post-Thaw Non-Cultured and Post-Thaw Cultured Equine Cord Blood Mesenchymal Stromal Cells Equally Suppress Lymphocyte Proliferation In Vitro. <i>PLoS ONE</i> , 2014, 9, e113615.	1.1	13
120	Immunophenotypic characterisation and cytogenetic analysis of mesenchymal stem cells from equine bone marrow and foal umbilical cords during in vitro culture. <i>Journal of Veterinary Research (Poland)</i> , 2016, 60, 339-347.	0.3	4
121	Evaluating Effect of Mesenchymal Stem Cells on Expression of TLR2 and TLR4 in Mouse DCs. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 179-186.	0.6	2
122	Allogeneic mesenchymal stem cells and growth factors in gel scaffold repair osteochondral defect in rabbit. <i>Regenerative Medicine</i> , 2020, 15, 1261-1275.	0.8	21
123	Prospects for the therapeutic development of umbilical cord blood-derived mesenchymal stem cells. <i>World Journal of Stem Cells</i> , 2020, 12, 1511-1528.	1.3	19
125	Uterine Stem Cells and Their Future Therapeutic Potential in Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2017, , 153-174.	0.1	0
126	Differentiation potential of mesenchymal stem cells through electrical stimulation. <i>Journal of Preventive Veterinary Medicine</i> , 2019, 43, 167-174.	0.1	0
127	Mesenchymal Stem Cell Immuno-Modulatory and/Anti-Inflammatory Properties. , 2020, , 47-65.		2
130	Mesenchymal Stem Cell and Its Properties. , 2020, , 13-26.		2
131	Extracellular vesicles from equine mesenchymal stem cells decrease inflammation markers in chondrocytes in vitro. <i>Equine Veterinary Journal</i> , 2022, 54, 1133-1143.	0.9	17

#	ARTICLE	IF	CITATIONS
132	Immunomodulation by mesenchymal stem cells in veterinary species. <i>Comparative Medicine</i> , 2013, 63, 207-17.	0.4	60
133	Cell Therapy in Veterinary Medicine as a Proof-of-Concept for Human Therapies: Perspectives From the North American Veterinary Regenerative Medicine Association. <i>Frontiers in Veterinary Science</i> , 2021, 8, 779109.	0.9	9
134	Pre-conditioning Strategies for Mesenchymal Stromal/Stem Cells in Inflammatory Conditions of Livestock Species. <i>Frontiers in Veterinary Science</i> , 2022, 9, 806069.	0.9	6
135	The oromaxillofacial region as a model for a one-health approach in regenerative medicine. <i>American Journal of Veterinary Research</i> , 2022, 83, 291-297.	0.3	0
136	Equine Mesenchymal Stem Cells Influence the Proliferative Response of Lymphocytes: Effect of Inflammation, Differentiation and MHC-Compatibility. <i>Animals</i> , 2022, 12, 984.	1.0	3
141	antimicrobial activity of equine platelet lysate and mesenchymal stromal cells against common clinical pathogens.. <i>Canadian Journal of Veterinary Research</i> , 2022, 86, 59-64.	0.2	0
142	Production of Cytotoxic Antibodies After Intra-Articular Injection of Allogeneic Synovial Membrane Mesenchymal Stem Cells With and Without LPS Administration. <i>Frontiers in Immunology</i> , 2022, 13, 871216.	2.2	6
143	Stem cells and endometrial hyperplasia. , 2014, 2, 70-75.		0
144	Effects of intravenous administration of peripheral bloodâ€derived mesenchymal stromal cells after infusion of lipopolysaccharide in horses. <i>Journal of Veterinary Internal Medicine</i> , 2022, 36, 1491-1501.	0.6	6
145	Treatment Effects of Intra-Articular Allogenic Mesenchymal Stem Cell Secretome in an Equine Model of Joint Inflammation. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	7
146	Adult Stem Cell Research in Light of the Bovine Mammary Gland Regenerative Medicine. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 740-749.	0.6	1
147	Mesenchymal Stem Cells Therapeutic Applications in Cardiovascular Disorders. , 2022, , 213-245.		0
148	Mesenchymal Stem Cells Therapeutic Applications in Eye and Adnexa Ailments. , 2022, , 391-408.		0
149	Mesenchymal Stem Cells Therapeutic Applications in Integumentary System Disorders. , 2022, , 341-374.		0
150	TGF-Î²2 enhances expression of equine bone marrow-derived mesenchymal stem cell paracrine factors with known associations to tendon healing. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	4
152	The immunomodulationâ€immunogenicity balance of equine Mesenchymal Stem Cells (MSCs) is differentially affected by the immune cell response depending on inflammatory licensing and major histocompatibility complex (MHC) compatibility. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	7
153	Temporal extracellular vesicle protein changes following intraarticular treatment with integrin Î±10Î²1-selected mesenchymal stem cells in equine osteoarthritis. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	5
154	Therapeutical growth in oligodendroglial fate induction via transdifferentiation of stem cells for neuroregenerative therapy. <i>Biochimie</i> , 2023, 211, 35-56.	1.3	4

#	ARTICLE	IF	CITATIONS
156	Equine osteoarthritis: Strategies to enhance mesenchymal stromal cell-based acellular therapies. <i>Frontiers in Veterinary Science</i> , 0, 10, .	0.9	4
157	Multilineage Differentiation Potential of Equine Adipose-Derived Stromal/Stem Cells from Different Sources. <i>Animals</i> , 2023, 13, 1352.	1.0	2