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Activated Mesenchymal Stem Cells Interact with Antibiotics and Host Innate Immune Responses to Control Chronic Bacterial Infections

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83	Pericytes in Veterinary Species: Prospective Isolation, Characterization and Tissue Regeneration Potential. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1109, 67-77	3.6	1
82	The Reparative Abilities of Menstrual Stem Cells Modulate the Wound Matrix Signals and Improve Cutaneous Regeneration. <i>Frontiers in Physiology</i> , 2018 , 9, 464	4.6	20
81	Different Trypanosoma cruzi calreticulin domains mediate migration and proliferation of fibroblasts in vitro and skin wound healing in vivo. <i>Archives of Dermatological Research</i> , 2018 , 310, 639-6	5 3 0²	5
80	Repeated intravenous injection of adipose tissue derived mesenchymal stem cells enhances Th1 immune responses in Leishmania major-infected BALB/c mice. <i>Immunology Letters</i> , 2019 , 216, 97-105	4.1	8
79	Alpha-1 Antitrypsin-Expressing Mesenchymal Stromal Cells Confer a Long-Term Survival Benefit in a Mouse Model of Lethal GvHD. <i>Molecular Therapy</i> , 2019 , 27, 1436-1451	11.7	3
78	Recent Advances in Non-Conventional Antimicrobial Approaches for Chronic Wound Biofilms: Have We Found the Æhink in the ArmorR. <i>Biomedicines</i> , 2019 , 7,	4.8	39
77	Mesenchymal stem cell basic research and applications in dog medicine. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16779-16811	7	19
76	Exploring the roles of MSCs in infections: focus on bacterial diseases. <i>Journal of Molecular Medicine</i> , 2019 , 97, 437-450	5.5	29
75	Mesenchymal stem cell-gut microbiota interaction in the repair of inflammatory bowel disease: an enhanced therapeutic effect. <i>Clinical and Translational Medicine</i> , 2019 , 8, 31	5.7	24
74	Allogeneic mesenchymal stem cells for treatment of severe burn injury. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 337	8.3	16
73	Interaction of bacteria and stem cells in health and disease. FEMS Microbiology Reviews, 2019, 43, 162-1	805.1	6
72	Role of the immune system in regeneration and its dynamic interplay with adult stem cells. <i>Seminars in Cell and Developmental Biology</i> , 2019 , 87, 160-168	7.5	33
71	Allogeneic vs. autologous intra-articular mesenchymal stem cell injection within normal horses: Clinical and cytological comparisons suggest safety. <i>Equine Veterinary Journal</i> , 2020 , 52, 144-151	2.4	13
70	Antibacterial activity of human mesenchymal stem cells mediated directly by constitutively secreted factors and indirectly by activation of innate immune effector cells. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 235-249	6.9	44
69	BKCa channels regulate the immunomodulatory properties of WJ-MSCs by affecting the exosome protein profiles during the inflammatory response. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 440	8.3	4
68	Mesenchymal Stromal Cell Immunology for Efficient and Safe Treatment of Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 567813	5.7	12
67	Canine Bone Marrow Mesenchymal Stem Cell Conditioned Media Affect Bacterial Growth, Biofilm-Associated and AHL-Dependent Quorum Sensing. <i>Microorganisms</i> , 2020 , 8,	4.9	4

(2021-2020)

66	Evaluation of the Antimicrobial and Antibiofilm Effect of Chitosan Nanoparticles as Carrier for Supernatant of Mesenchymal Stem Cells on Multidrug-Resistant. <i>Infection and Drug Resistance</i> , 2020 , 13, 2251-2260	4.2	6	
65	Extracorporeal Shock Wave Therapy Enhances the Metabolic Activity and Differentiation of Equine Umbilical Cord Blood Mesenchymal Stromal Cells. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 554306	3.1	1	
64	Mesenchymal Stromal Cells as Potential Antimicrobial for Veterinary Use-A Comprehensive Review. <i>Frontiers in Microbiology</i> , 2020 , 11, 606404	5.7	7	
63	Xenobiotic-Free Medium Guarantees Expansion of Adipose Tissue-Derived Canine Mesenchymal Stem Cells Both in 3D Fibrin-Based Matrices and in 2D Plastic Surface Cultures. <i>Cells</i> , 2020 , 9,	7.9	4	
62	The Rising Role of Mesenchymal Stem Cells in the Treatment of Various Infectious Complications. 2020 ,		1	
61	Stem Cells in Veterinary Medicine-Current State and Treatment Options. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 278	3.1	21	
60	The mesenchymal stromal cell secretome impairs methicillin-resistant Staphylococcus aureus biofilms via cysteine protease activity in the equine model. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 746-757	6.9	19	
59	Mesenchymal Stem Cells for Chronic Wound Healing: Current Status of Preclinical and Clinical Studies. <i>Tissue Engineering - Part B: Reviews</i> , 2020 , 26, 555-570	7.9	37	
58	A preview of selected articles. Stem Cells Translational Medicine, 2020, 9, 145-147	6.9	1	
57	The Potential of Mesenchymal Stem Cells to Treat Systemic Inflammation in Horses. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 507	3.1	21	
56	ADULT MESENCHYMAL STEM CELL-BASED APPROACHES FOR OSTEOARTHRITIS: CURRENT PERSPECTIVES AND CHALLENGES. <i>Journal of Musculoskeletal Research</i> , 2021 , 24, 2140002	0.1		
55	Immunophenotypic characterization and therapeutics effects of human bone marrow- and umbilical cord-derived mesenchymal stromal cells in an experimental model of sepsis. <i>Experimental Cell Research</i> , 2021 , 399, 112473	4.2	4	
54	Effects of interaction between mesenchymal stem cells and gut microbiota in treatment of inflammatory bowel disease. <i>World Chinese Journal of Digestology</i> , 2021 , 29, 312-318	0.1		
53	Similarities between Tumour Immune Response and Chronic Wound Microenvironment: Influence of Mesenchymal Stromal/Stem Cells. <i>Journal of Immunology Research</i> , 2021 , 2021, 6649314	4.5	3	
52	Translational Animal Models Provide Insight Into Mesenchymal Stromal Cell (MSC) Secretome Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 654885	5.7	3	
51	Toll-like receptor activation of equine mesenchymal stromal cells to enhance antibacterial activity and immunomodulatory cytokine secretion. <i>Veterinary Surgery</i> , 2021 , 50, 858-871	1.7	6	
50	Medical progress: Stem cells as a new therapeutic strategy for COVID-19. <i>Stem Cell Research</i> , 2021 , 52, 102239	1.6	7	
49	Review: Mesenchymal Stem Cell Therapy in Canine Osteoarthritis Research: "Experientia Docet" (Experience Will Teach Us). <i>Frontiers in Veterinary Science</i> , 2021 , 8, 668881	3.1	3	

48	Priming With Toll-Like Receptor 3 Agonist Poly(I:C) Enhances Content of Innate Immune Defense Proteins but Not MicroRNAs in Human Mesenchymal Stem Cell-Derived Extracellular Vesicles. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 676356	5.7	5
47	Microfluidic Tools for Enhanced Characterization of Therapeutic Stem Cells and Prediction of Their Potential Antimicrobial Secretome. <i>Antibiotics</i> , 2021 , 10,	4.9	13
46	Is there a place for mesenchymal stromal cell-based therapies in the therapeutic armamentarium against COVID-19?. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 425	8.3	6
45	SU KAYNAKLARINDA MKROPLASTKLERN VARLIÜVE NSAN SAÜIÜAKINDAN NEMÜ		
44	KR HBre Betimi, Bolasyonu ve Tedavide Kullan⊞ D		
43	Intra-articular administration of antibiotics in horses: Justifications, risks, reconsideration of use and outcomes. <i>Equine Veterinary Journal</i> , 2022 , 54, 24-38	2.4	O
42	Applications of Stem cells Technology in Livestock Production. <i>Sustainable Agriculture Reviews</i> , 2021 , 131-151	1.3	
41	The Potential of Factors Released from Mesenchymal Stromal Cells as Therapeutic Agents in the Lung. 2019 , 57-70		1
40	Immunomodulatory and Therapeutic Effects of Mesenchymal Stem Cells on Organ Dysfunction in Sepsis. <i>Shock</i> , 2021 , 55, 423-440	3.4	9
39	Effect of extracorporeal shock wave therapy on equine umbilical cord blood mesenchymal stromal cellsin vitro.		1
38	Mesenchymal Stromal Cells: an Antimicrobial and Host-Directed Therapy for Complex Infectious Diseases. <i>Clinical Microbiology Reviews</i> , 2021 , e0006421	34	0
37	A review on the occurrence of opportunistic infections after applications of stem cell techniques. <i>Journal of Stem Cell Therapy and Transplantation</i> , 2019 , 3, 056-058	0.9	
36	Mesenchymal Stem Cell Immuno-Modulatory and/Anti-Inflammatory Properties. 2020, 47-65		1
35	Immunomodulatory effects of mesenchymal stem cell-conditioned media on lipopolysaccharide of Vibrio cholerae as a vaccine candidate. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 564	8.3	1
34	Augmentation of Antibacterial Activity in Mesenchymal Stromal Cells Through Systems-Level Analysis and CRISPR-mediated Activation of CD14.		
33	The Safe and Efficacious Use of Secretome From Fibroblasts and Adipose-derived (but not Bone Marrow-derived) Mesenchymal Stem Cells for Skin Therapeutics. <i>Journal of Clinical and Aesthetic Dermatology</i> , 2019 , 12, E57-E69	1.2	8
32	[Clinical research progress of mesenchymal stem cells in treatment of chronic wounds]. <i>Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi = Zhongguo Xiufu Chongjian Waike Zazhi = Chinese Journal of Reparative and Reconstructive Surgery</i> , 2021 , 35, 496-501	0.2	
31	Role of Innate Immunity in Initiation and Progression of Osteoarthritis, with Emphasis on Horses. <i>Animals</i> , 2021 , 11,	3.1	1

30	Human adipose tissue-derived mesenchymal stromal cells and their phagocytic capacity. <i>Journal of Cellular and Molecular Medicine</i> , 2021 ,	5.6	1
29	OSTEOPLASTIC PROPERTIES OF MULTIPOTENT MESENCHYMAL STROMAL CELLS OF ADIPOSE TISSUE. <i>Wiadomoldi Lekarskie</i> , 2021 , 74, 2374-2378	0.3	
28	A Review of Antimicrobial Activity of Dental Mesenchymal Stromal Cells: Is There Any Potential?. <i>Frontiers in Oral Health</i> , 2021 , 2, 832976	0.8	1
27	Potential of Mesenchymal Stem Cell-Derived Exosomes as a Novel Treatment for Female Infertility Caused by Bacterial Infections <i>Frontiers in Microbiology</i> , 2021 , 12, 785649	5.7	O
26	Upregulation of CD14 in mesenchymal stromal cells accelerates lipopolysaccharide-induced response and enhances antibacterial properties <i>IScience</i> , 2022 , 25, 103759	6.1	1
25	Antimicrobial and Regenerative Effects of Placental Multipotent Mesenchymal Stromal Cell Secretome-Based Chitosan Gel on Infected Burns in Rats <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
24	Mesenchymal Stem Cells: Potential Role against Bacterial Infection. <i>Journal of Biosciences and Medicines</i> , 2022 , 10, 97-113	0.2	
23	Influence of exposure to microbial ligands, immunosuppressive drugs and chronic kidney disease on endogenous immunomodulatory gene expression in feline adipose-derived mesenchymal stem cells <i>Journal of Feline Medicine and Surgery</i> , 2022 , 1098612X221083074	2.3	
22	Systemic Treatment of Immune-Mediated Keratoconjunctivitis Sicca with Allogeneic Stem Cells Improves the Schirmer Tear Test Score in a Canine Spontaneous Model of Disease <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
21	Interactions between the foreign body reaction and biomaterial-associated infection. Winning strategies in the derby on biomaterial implant surfaces. <i>Critical Reviews in Microbiology</i> , 2021 , 1-17	7.8	2
20	Reprograming the immune niche for skin tissue regeneration - from cellular mechanisms to biomaterials applications <i>Advanced Drug Delivery Reviews</i> , 2022 , 185, 114298	18.5	1
19	Image_1.tif. 2018 ,		
18	Table_1.DOCX. 2018 ,		
17	Table_2.DOCX. 2018 ,		
16	Mesenchymal stem cells, the secretome and biomaterials: Regenerative medicine application. <i>Biocell</i> , 2022 , 46, 2201-2208	1.9	
15	Intra-Articular Injections of Allogeneic Mesenchymal Stromal Cells vs. High Molecular Weight Hyaluronic Acid in Dogs With Osteoarthritis: Exploratory Data From a Double-Blind, Randomized, Prospective Clinical Trial. <i>Frontiers in Veterinary Science</i> , 9,	3.1	2
14	Activated Mesenchymal Stromal Cell Therapy for Treatment of Multi-Drug Resistant Bacterial Infections in Dogs. <i>Frontiers in Veterinary Science</i> , 9,	3.1	0
13	Mesenchymal Stem Cell-Derived Antimicrobial Peptides as Potential Anti-Neoplastic Agents: New Insight into Anticancer Mechanisms of Stem Cells and Exosomes. <i>Frontiers in Cell and Developmental Biology</i> , 10,	5.7	1

12	Cryopreserved allogeneic mesenchymal stem cells enhance wound repair in full thickness skin wound model and cattle clinical teat injuries. 2022 , 70, 103356	О
11	Mesenchymal Stem Cells Therapeutic Applications in Gastrointestinal Disorders. 2022 , 247-278	Ο
10	Mesenchymal Stem Cells Therapeutic Applications in Integumentary System Disorders. 2022, 341-374	O
9	Immune Activated Cellular Therapy for Drug Resistant Infections: Rationale, Mechanisms, and Implications for Veterinary Medicine. 2022 , 9, 610	Ο
8	The non-protein fraction of embryonic stem cell secretome has antibacterial effects against antibiotic-resistant strains of bacteria.	0
7	The Pivotal Role of Stem Cells in Veterinary Regenerative Medicine and Tissue Engineering. 2022 , 9, 648	1
6	Potential antibacterial activity and healing effect of topical administration of bone marrow and adipose mesenchymal stem cells encapsulated in collagen-fibrin hydrogel scaffold on 3rd degree burn wound infection caused by Pseudomonas aeruginosa. 2023 ,	0
5	Critical roles of cytokine storm and bacterial infection in patients with COVID-19: therapeutic potential of mesenchymal stem cells.	1
4	Removal and control of biofilms in wounds. 2023 , 275-289	0
3	Orthopaedic-Related Infections Resulting from Blast Trauma. 2022 , 263-273	Ο
2	Combined adipose-derived mesenchymal stem cell and antibiotic therapy can effectively treat periprosthetic joint infection in rats. 2023 , 13,	0
1	Osteomyelitis, Discospondylitis, and Infectious Arthritis. 2021 , 1573-1589	O