Distinct Roles for Matrix Metalloproteinases 2 and 9 in I Emergence, Migration, and Niche Colonization

Stem Cell Reports

8, 1226-1241

DOI: 10.1016/j.stemcr.2017.03.016

Citation Report

#	Article	IF	Citations
1	Efforts to enhance blood stem cell engraftment: Recent insights from zebrafish hematopoiesis. Journal of Experimental Medicine, 2017, 214, 2817-2827.	4.2	31
2	Proinflammatory Signals as Fuel for the Fire of Hematopoietic Stem Cell Emergence. Trends in Cell Biology, 2018, 28, 58-66.	3.6	40
3	Rational Design of Peptide-Functionalized Poly(Methacrylic Acid) Brushes for On-Chip Detection of Protease Biomarkers. ACS Biomaterials Science and Engineering, 2018, 4, 2018-2025.	2.6	18
4	Stem cell safe harbor: the hematopoietic stem cell niche in zebrafish. Blood Advances, 2018, 2, 3063-3069.	2.5	37
5	Interaction of matrix metalloproteinase-9 and Zpx inCronobacter turicensisLMG 23827^Tmediated infections in the zebrafish model. Cellular Microbiology, 2018, 20, e12888.	1.1	10
6	Epithelial-mesenchymal transition in haematopoietic stem cell development and homeostasis. Journal of Biochemistry, 2018, 164, 265-275.	0.9	9
7	DHEA-induced ovarian hyperfibrosis is mediated by TGF-Î² signaling pathway. Journal of Ovarian Research, 2018, 11, 6.	1.3	43
8	miR-216a-3p Inhibits the Proliferation, Migration, and Invasion of Human Gastric Cancer Cells via Targeting RUNX1 and Activating the NF-ÎºB Signaling Pathway. Oncology Research, 2018, 26, 157-171.	0.6	29
9	Primitive macrophages are dispensable for HSPC mobilization and definitive hematopoiesis. Blood, 2019, 134, 782-784.	0.6	6
10	How HSCs Colonize and Expand in the Fetal Niche of the Vertebrate Embryo: An Evolutionary Perspective. Frontiers in Cell and Developmental Biology, 2019, 7, 34.	1.8	26
11	Development of the hematopoietic system: Role of inflammatory factors. Wiley Interdisciplinary Reviews: Developmental Biology, 2019, 8, e341.	5.9	11
12	A role for macrophages in hematopoiesis in the embryonic head. Blood, 2019, 134, 1929-1940.	0.6	5
13	Higher aqueous levels of matrix metalloproteinases indicated visual impairment in patients with retina vein occlusion after anti-VEGF therapy. British Journal of Ophthalmology, 2021, 105, 1029-1034.	2.1	8
14	Expression and Activity of Matrix Metalloproteinases in Leukemia. Journal of Pediatric Hematology/Oncology, 2019, 41, 87-95.	0.3	3
15	The CXCL12-CXCR4/CXCR7 axis as a mechanism of immune resistance in gastrointestinal malignancies. Seminars in Cancer Biology, 2020, 65, 176-188.	4.3	117
16	Noninvasive Imaging of Cone Ablation and Regeneration in Zebrafish. Translational Vision Science and Technology, 2020, 9, 18.	1.1	5
17	Hyaloid vasculature and mmp2 activity play a role during optic fissure fusion in zebrafish. Scientific Reports, 2020, 10, 10136.	1.6	13
18	The chromatin remodeler Brg1 is required for formation and maintenance of hematopoietic stem cells. FASEB Journal, 2020, 34, 11997-12008.	0.2	8

#	Article	IF	Citations
19	MMP9 mediates acute hyperglycemia-induced human cardiac stem cell death by upregulating apoptosis and pyroptosis in vitro. Cell Death and Disease, 2020, 11, 186.	2.7	36
20	Cxcr6-Based Mesenchymal Stem Cell Gene Therapy Potentiates Skin Regeneration in Murine Diabetic Wounds. Molecular Therapy, 2020, 28, 1314-1326.	3.7	21
21	Spatial and biochemical interactions between bone marrow adipose tissue and hematopoietic stem and progenitor cells in rhesus macaques. Bone, 2020, 133, 115248.	1.4	12
22	YAP Regulates Hematopoietic Stem Cell Formation in Response to the Biomechanical Forces of Blood Flow. Developmental Cell, 2020, 52, 446-460.e5.	3.1	65
23	An atlas of neural crest lineages along the posterior developing zebrafish at single-cell resolution. ELife, 2021, 10, .	2.8	43
24	A zebrafish model of granulin deficiency reveals essential roles in myeloid cell differentiation. Blood Advances, 2021, 5, 796-811.	2.5	17
25	A single-cell resolution developmental atlas of hematopoietic stem and progenitor cell expansion in zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	34
27	Biomechanical cues as master regulators of hematopoietic stem cell fate. Cellular and Molecular Life Sciences, 2021, 78, 5881-5902.	2.4	18
28	Proteases Regulate Cancer Stem Cell Properties and Remodel Their Microenvironment. Journal of Histochemistry and Cytochemistry, 2021, 69, 775-794.	1.3	6
29	The Fetal-to-Adult Hematopoietic Stem Cell Transition and its Role in Childhood Hematopoietic Malignancies. Stem Cell Reviews and Reports, 2021, 17, 2059-2080.	1.7	4
30	Hapln1b, a central organizer of the ECM, modulates kit signaling to control developmental hematopoiesis in zebrafish. Blood Advances, 2021, 5, 4935-4948.	2.5	7
31	Making Blood from the Vessel: Extrinsic and Environmental Cues Guiding the Endothelial-to-Hematopoietic Transition. Life, 2021, 11, 1027.	1.1	9
32	Development of Hematopoietic Stem Cells in Zebrafish. , 2018, , 37-57.		2
33	Angiogenesis: A Cellular Response to Traumatic Injury. Shock, 2021, 55, 301-310.	1.0	10
36	Molecular and Cellular Mechanisms of Vascular Development in Zebrafish. Life, 2021, 11, 1088.	1.1	7
39	Blood in the water: recent uses of zebrafish to study myeloid biology. Current Opinion in Hematology, 2021, 28, 43-49.	1.2	7
42	Engineered Tissue Models to Replicate Dynamic Interactions within the Hematopoietic Stem Cell Niche. Advanced Healthcare Materials, 2022, 11, e2102130.	3.9	7
43	Haematopoiesis in Zebrafish (Danio Rerio). Frontiers in Immunology, 0, 13, .	2.2	5

#	Article	IF	Citations
44	Synergistic prostaglandin E synthesis by myeloid and endothelial cells promotes fetal hematopoietic stem cell expansion in vertebrates. EMBO Journal, 2022, 41, .	3.5	5
45	Development and Function of Macrophages. , 2022, , .		0
46	De Novo Generation of Human Hematopoietic Stem Cells from Pluripotent Stem Cells for Cellular Therapy. Cells, 2023, 12, 321.	1.8	8
47	Integrative Analysis Reveals the Expression Pattern of SOX9 in Satellite Glial Cells after Sciatic Nerve Injury. Brain Sciences, 2023, 13, 281.	1.1	0