

A Cellular Taxonomy of the Bone Marrow Stroma in Ho

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Desperately seeking a home marrow niche for T-cell acute lymphoblastic leukaemia. <i>Advances in Biological Regulation</i> , 2019, 74, 100640.	1.4	10
2	The Inflammasome: More Than a Protective Innate Immune Mechanism. <i>Immunity</i> , 2019, 51, 3-5.	6.6	6
3	Mapping Distinct Bone Marrow Niche Populations and Their Differentiation Paths. <i>Cell Reports</i> , 2019, 28, 302-311.e5.	2.9	167
4	The Role of Prep1 in the Regulation of Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3639.	1.8	3
5	Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. <i>Cell Stem Cell</i> , 2019, 25, 570-583.e7.	5.2	96
6	Immune-Based Therapies in Acute Leukemia. <i>Trends in Cancer</i> , 2019, 5, 604-618.	3.8	32
7	Microenvironmental IL1 β promotes breast cancer metastatic colonisation in the bone via activation of Wnt signalling. <i>Nature Communications</i> , 2019, 10, 5016.	5.8	105
8	What is the role of the microenvironment in MDS?. <i>Best Practice and Research in Clinical Haematology</i> , 2019, 32, 101113.	0.7	7
9	A Revised Perspective of Skeletal Stem Cell Biology. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 189.	1.8	143
10	Bmi1 restricts the adipogenic differentiation of bone marrow stromal cells to maintain the integrity of the hematopoietic stem cell niche. <i>Experimental Hematology</i> , 2019, 76, 24-37.	0.2	8
11	cellHarmony: cell-level matching and holistic comparison of single-cell transcriptomes. <i>Nucleic Acids Research</i> , 2019, 47, e138-e138.	6.5	57
12	The extended chondrocyte lineage: implications for skeletal homeostasis and disorders. <i>Current Opinion in Cell Biology</i> , 2019, 61, 132-140.	2.6	20
13	Mapping dysfunction of the bone marrow stroma in leukaemia. <i>Nature Reviews Cancer</i> , 2019, 19, 368-368.	12.8	3
14	Beginning of a New Era: Mapping the Bone Marrow Niche. <i>Cell</i> , 2019, 177, 1679-1681.	13.5	3
15	Molecular interactome between HSCs and their niches. <i>Blood</i> , 2019, 134, 1197-1198.	0.6	8
16	Uncovering the Bone Marrow Microenvironment Cell by Cell. <i>HemaSphere</i> , 2019, 3, e299.	1.2	3
18	Apelin+ Endothelial Niche Cells Control Hematopoiesis and Mediate Vascular Regeneration after Myeloablative Injury. <i>Cell Stem Cell</i> , 2019, 25, 768-783.e6.	5.2	92
19	Metcalfe Lecture Award: Applying niche biology to engineer T-cell regenerative therapies. <i>Experimental Hematology</i> , 2019, 80, 1-10.	0.2	1

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20	Global Transcriptomic Profiling of the Bone Marrow Stromal Microenvironment during Postnatal Development, Aging, and Inflammation. <i>Cell Reports</i> , 2019, 29, 3313-3330.e4.	2.9	79
21	A 3D Tissue-wide Digital Imaging Pipeline for Quantitation of Secreted Molecules Shows Absence of CXCL12 Gradients in Bone Marrow. <i>Cell Stem Cell</i> , 2019, 25, 846-854.e4.	5.2	26
22	Monocytes and macrophages in atherogenesis. <i>Current Opinion in Lipidology</i> , 2019, 30, 401-408.	1.2	27
23	Menstrual blood-derived stem cells: toward therapeutic mechanisms, novel strategies, and future perspectives in the treatment of diseases. <i>Stem Cell Research and Therapy</i> , 2019, 10, 406.	2.4	80
24	Molecular mechanisms for stemness maintenance of acute myeloid leukemia stem cells. <i>Blood Science</i> , 2019, 1, 77-83.	0.4	7
25	Reactive Oxygen Species and Nrf2: Functional and Transcriptional Regulators of Hematopoiesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	36
26	Single Cell and Single Nucleus RNA-Seq Reveal Cellular Heterogeneity and Homeostatic Regulatory Networks in Adult Mouse Stria Vascularis. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 316.	1.4	74
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28	Bone marrow niches in myeloid neoplasms. <i>Pathology International</i> , 2020, 70, 63-71.	0.6	3
29	Plasmodium asexual growth and sexual development in the haematopoietic niche of the host. <i>Nature Reviews Microbiology</i> , 2020, 18, 177-189.	13.6	144
30	Combined single-cell and spatial transcriptomics reveal the molecular, cellular and spatial bone marrow niche organization. <i>Nature Cell Biology</i> , 2020, 22, 38-48.	4.6	521
31	Unraveling bone marrow architecture. <i>Nature Cell Biology</i> , 2020, 22, 5-6.	4.6	7
32	Dynamic responses of the haematopoietic stem cell niche to diverse stresses. <i>Nature Cell Biology</i> , 2020, 22, 7-17.	4.6	86
33	The leukaemia stem cell: similarities, differences and clinical prospects in CML and AML. <i>Nature Reviews Cancer</i> , 2020, 20, 158-173.	12.8	181
34	Single-cell sequencing in hematology. <i>Current Opinion in Oncology</i> , 2020, 32, 139-145.	1.1	15
35	Single-cell and spatial transcriptomics approaches of the bone marrow microenvironment. <i>Current Opinion in Oncology</i> , 2020, 32, 146-153.	1.1	18
36	Non-genetic mechanisms of therapeutic resistance in cancer. <i>Nature Reviews Cancer</i> , 2020, 20, 743-756.	12.8	290
37	Bone Marrow Mesenchymal Stem Cells Support Acute Myeloid Leukemia Bioenergetics and Enhance Antioxidant Defense and Escape from Chemotherapy. <i>Cell Metabolism</i> , 2020, 32, 829-843.e9.	7.2	122

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38	OPG Production Matters Where It Happened. <i>Cell Reports</i> , 2020, 32, 108124.	2.9	56
39	Hand in hand: intrinsic and extrinsic drivers of aging and clonal hematopoiesis. <i>Experimental Hematology</i> , 2020, 91, 1-9.	0.2	42
40	Hematopoietic Stem Cells in Health and Disease—Insights from Single-Cell Multi-omic Approaches. <i>Current Stem Cell Reports</i> , 2020, 6, 67-76.	0.7	8
41	Educational Updates in Hematology Book: 25th Congress of the European Hematology Association, Virtual Edition 2020. <i>HemaSphere</i> , 2020, 4, .	1.2	2
42	Pbrm1 Steers Mesenchymal Stromal Cell Osteolineage Differentiation by Integrating PBAF-Dependent Chromatin Remodeling and BMP/TGF- β 2 Signaling. <i>Cell Reports</i> , 2020, 31, 107570.	2.9	24
43	Immunomodulatory Properties of Stem Cells in Periodontitis: Current Status and Future Prospective. <i>Stem Cells International</i> , 2020, 2020, 1-14.	1.2	24
44	Molecular Mechanisms of Resistance to FLT3 Inhibitors in Acute Myeloid Leukemia: Ongoing Challenges and Future Treatments. <i>Cells</i> , 2020, 9, 2493.	1.8	49
45	The Role of the Bone Marrow Microenvironment in the Response to Infection. <i>Frontiers in Immunology</i> , 2020, 11, 585402.	2.2	14
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52	Endoplasmic Reticulum Stress in Bone Metastases. <i>Frontiers in Oncology</i> , 2020, 10, 1100.	1.3	3
53	Leukemia Stem Cell Release From the Stem Cell Niche to Treat Acute Myeloid Leukemia. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 607.	1.8	24
54	The mesenchymal context in inflammation, immunity and cancer. <i>Nature Immunology</i> , 2020, 21, 974-982.	7.0	168
55	Clonal Hematopoiesis of Indeterminate Potential as a Novel Risk Factor for Donor-Derived Leukemia. <i>Stem Cell Reports</i> , 2020, 15, 279-291.	2.3	10

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57	Acute myeloid leukemia-induced remodeling of the human bone marrow niche predicts clinical outcome. <i>Blood Advances</i> , 2020, 4, 5257-5268.	2.5	20
58	Dual Effects of Lipid Metabolism on Osteoblast Function. <i>Frontiers in Endocrinology</i> , 2020, 11, 578194.	1.5	41
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61	H3.3 G34W Promotes Growth and Impedes Differentiation of Osteoblast-Like Mesenchymal Progenitors in Giant Cell Tumor of Bone. <i>Cancer Discovery</i> , 2020, 10, 1968-1987.	7.7	40
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65	Emergence of Cancer-Associated Fibroblasts as an Indispensable Cellular Player in Bone Metastasis Process. <i>Cancers</i> , 2020, 12, 2896.	1.7	20
66	The bone marrow microenvironment of pre-B acute lymphoblastic leukemia at single-cell resolution. <i>Scientific Reports</i> , 2020, 10, 19173.	1.6	16
67	Single-Cell RNA Sequencing of Calvarial and Long-Bone Endocortical Cells. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1981-1991.	3.1	40
68	TOP2A Promotes Tumorigenesis of High-grade Serous Ovarian Cancer by Regulating the TGF- β /Smad Pathway. <i>Journal of Cancer</i> , 2020, 11, 4181-4192.	1.2	23
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70	Adipocytes in hematopoiesis and acute leukemia: friends, enemies, or innocent bystanders?. <i>Leukemia</i> , 2020, 34, 2305-2316.	3.3	30
71	The dormant cancer cell life cycle. <i>Nature Reviews Cancer</i> , 2020, 20, 398-411.	12.8	286
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75	Interactions of Hematopoietic Stem Cells with Bone Marrow Niche. <i>Methods in Molecular Biology</i> , 2020, 2346, 21-34.	0.4	5
76	Skeletal Stem Cells for Bone Development and Repair: Diversity Matters. <i>Current Osteoporosis Reports</i> , 2020, 18, 189-198.	1.5	45
77	Single-Cell RNA Sequencing in Hematological Diseases. <i>Proteomics</i> , 2020, 20, e1900228.	1.3	16
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80	Mouse Spermatogenesis Reflects the Unity and Diversity of Tissue Stem Cell Niche Systems. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a036186.	2.3	6
81	Skeletal stem cells: insights into maintaining and regenerating the skeleton. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	48
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83	Cell-by-Cell Deconstruction of Stem Cell Niches. <i>Cell Stem Cell</i> , 2020, 27, 19-34.	5.2	19
84	Basic and Therapeutic Aspects of Angiogenesis Updated. <i>Circulation Research</i> , 2020, 127, 310-329.	2.0	251
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86	The Bone's Role in Myeloid Neoplasia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4712.	1.8	2
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88	Matrix Gla protein maintains normal and malignant hematopoietic progenitor cells by interacting with bone morphogenetic protein-4. <i>Heliyon</i> , 2020, 6, e03743.	1.4	4
89	Lipid availability determines fate of skeletal progenitor cells via SOX9. <i>Nature</i> , 2020, 579, 111-117.	13.7	140
90	Bone Marrow Stromal Cells Drive Key Hallmarks of B Cell Malignancies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1466.	1.8	18
91	Overcoming Resistance to FLT3 Inhibitors in the Treatment of FLT3-Mutated AML. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1537.	1.8	37

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100	Mesenchymal stem cell-based tissue regeneration therapies for periodontitis. <i>Regenerative Therapy</i> , 2020, 14, 72-78.	1.4	69
101	Single-Cell Transcriptomic Atlas of Primate Ovarian Aging. <i>Cell</i> , 2020, 180, 585-600.e19.	13.5	306
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124	Bone marrow adipogenic lineage precursors promote osteoclastogenesis in bone remodeling and pathologic bone loss. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	101
125	Dissecting human embryonic skeletal stem cell ontogeny by single-cell transcriptomic and functional analyses. <i>Cell Research</i> , 2021, 31, 742-757.	5.7	49
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127	A mechanosensitive peri-arteriolar niche for osteogenesis and lymphopoiesis. <i>Nature</i> , 2021, 591, 438-444.	13.7	158
128	In situ mapping identifies distinct vascular niches for myelopoiesis. <i>Nature</i> , 2021, 590, 457-462.	13.7	74

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129	GABA gets blood on its hands. <i>Blood</i> , 2021, 137, 723-724.	0.6	0
130	Progress and Clinical Application of Single-Cell Transcriptional Sequencing Technology in Cancer Research. <i>Frontiers in Oncology</i> , 2020, 10, 593085.	1.3	18
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138	Connecting the Dots: Resolving the Bone Marrow Niche Heterogeneity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 622519.	1.8	51
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140	The characterization of distinct populations of murine skeletal cells that have different roles in B lymphopoiesis. <i>Blood</i> , 2021, 138, 304-317.	0.6	20
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148	Single-Cell Transcriptome Analysis of Human Adipose-Derived Stromal Cells Identifies a Contractile Cell Subpopulation. <i>Stem Cells International</i> , 2021, 2021, 1-12.	1.2	2
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152	B cells: fed and grown in the bone. <i>Blood</i> , 2021, 138, 286-287.	0.6	1
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156	From Stem Cells to Bone-Forming Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3989.	1.8	27
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161	From Bench to Bedside. <i>Cancer Journal (Sudbury, Mass)</i> , 2021, 27, 213-221.	1.0	1
162	Inflammatory stromal cells in the myeloma microenvironment. <i>Nature Immunology</i> , 2021, 22, 677-678.	7.0	4
163	Integrated OMICs unveil the bone-marrow microenvironment in human leukemia. <i>Cell Reports</i> , 2021, 35, 109119.	2.9	14
164	Single-Cell <i>scRNA</i> Sequencing Reveals the Breadth of Osteoblast Heterogeneity. <i>JBMR Plus</i> , 2021, 5, e10496.	1.3	14
167	B cell/stromal cell crosstalk in health, disease, and treatment: Follicular lymphoma as a paradigm. <i>Immunological Reviews</i> , 2021, 302, 273-285.	2.8	10
169	Cross-tissue organization of the fibroblast lineage. <i>Nature</i> , 2021, 593, 575-579.	13.7	463
170	Hepatic stellate cells: current state and open questions. <i>Biological Chemistry</i> , 2021, 402, 1021-1032.	1.2	13
171	Regulation of murine B lymphopoiesis by stromal cells. <i>Immunological Reviews</i> , 2021, 302, 47-67.	2.8	2

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173	Cellular components of the hematopoietic niche and their regulation of hematopoietic stem cell function. <i>Current Opinion in Hematology</i> , 2021, 28, 243-250.	1.2	8
174	Far from Health: The Bone Marrow Microenvironment in AML, A Leukemia Supportive Shelter. <i>Children</i> , 2021, 8, 371.	0.6	4
175	A new perspective on mesenchymal-immune interactions in adipose tissue. <i>Trends in Immunology</i> , 2021, 42, 375-388.	2.9	5
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