

PDGF-BB secreted by preosteoclasts induces angiogenesis and osteogenesis

Nature Medicine

20, 1270-1278

DOI: [10.1038/nm.3668](https://doi.org/10.1038/nm.3668)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Osteoclast progenitors promote bone vascularization and osteogenesis. <i>Nature Medicine</i> , 2014, 20, 1238-1240.	15.2	42
2	β2-adrenergic signal transduction plays a detrimental role in subchondral bone loss of temporomandibular joint in osteoarthritis. <i>Scientific Reports</i> , 2015, 5, 12593.	1.6	49
3	Osteogenic capillaries orchestrate growth plate-independent ossification of the malleus. <i>Development (Cambridge)</i> , 2015, 142, 3912-20.	1.2	20
4	MicroRNA-188 regulates age-related switch between osteoblast and adipocyte differentiation. <i>Journal of Clinical Investigation</i> , 2015, 125, 1509-1522.	3.9	418
5	SnapShot: Osteoimmunology. <i>Cell Metabolism</i> , 2015, 21, 502-502.e1.	7.2	20
6	Secretion of PDGF isoforms during osteoclastogenesis and its modulation by anti-osteoclast drugs. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 159-164.	1.0	12
7	Osteoporosis: From osteoscience to neuroscience and beyond. <i>Mechanisms of Ageing and Development</i> , 2015, 145, 26-38.	2.2	15
8	Two-faced immunology— from osteogenesis to bone resorption. <i>Nature Reviews Rheumatology</i> , 2015, 11, 74-76.	3.5	48
9	HIF targets in bone remodeling and metastatic disease. , 2015, 150, 169-177.		52
10	Bioactive lipid coating of bone allografts directs engraftment and fate determination of bone marrow-derived cells in rat GFP chimeras. <i>Biomaterials</i> , 2015, 64, 98-107.	5.7	16
11	PDGFB-based stem cell gene therapy increases bone strength in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3893-900.	3.3	53
12	Assessment of bone vascularization and its role in bone remodeling. <i>BoneKEy Reports</i> , 2015, 4, 662.	2.7	98
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15	Enzyme-responsive Delivery of Multiple Proteins with Spatiotemporal Control. <i>Advanced Materials</i> , 2015, 27, 3620-3625.	11.1	73
16	Novel targets for the prevention of osteoporosis — lessons learned from studies of metabolic bone disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1575-1584.	1.5	5
17	Ginkgolide B enhances the differentiation of preosteoblastic MC3T3-E1 cells through VEGF: Involvement of the p38 MAPK signaling pathway. <i>Molecular Medicine Reports</i> , 2016, 14, 4787-4794.	1.1	4
18	Medication-Related Osteonecrosis of the Jaw: New Insights into Molecular Mechanisms and Cellular Therapeutic Approaches. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	46

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19	Osteoclast Biology: Regulation of Formation and Function. , 2016, , 41-70.		9
20	Tetraspanin 7 regulates sealing zone formation and the bone-resorbing activity of osteoclasts. Biochemical and Biophysical Research Communications, 2016, 477, 1078-1084.	1.0	15
21	Acute Phosphate Restriction Impairs Bone Formation and Increases Marrow Adipose Tissue in Growing Mice. Journal of Bone and Mineral Research, 2016, 31, 2204-2214.	3.1	26
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36	Platelet-derived growth factor-BB attenuates titanium-particle-induced osteolysis <i>in vivo</i> . Growth Factors, 2016, 34, 177-186.	0.5	4

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43	A strontium-incorporated nanoporous titanium implant surface for rapid osseointegration. <i>Nanoscale</i> , 2016, 8, 5291-5301.	2.8	128
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54	Enzymatic <i>in situ</i> formed hydrogel from gelatin "tyramine and chitosan-4-hydroxylphenyl acetamide for the co-delivery of human adipose-derived stem cells and platelet-derived growth factor towards vascularization. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 015026.	1.7	20

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63	Europium-doped mesoporous silica nanosphere as an immune-modulating osteogenesis/angiogenesis agent. <i>Biomaterials</i> , 2017, 144, 176-187.	5.7	144
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65	Magnesium (Mg) based interference screws developed for promoting tendon graft incorporation in bone tunnel in rabbits. <i>Acta Biomaterialia</i> , 2017, 63, 393-410.	4.1	55
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69	Si-doped porous TiO ₂ coatings enhanced in vitro angiogenic behavior of human umbilical vein endothelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 493-500.	2.5	20
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71	Is Retinal Microvascular Abnormalities an Independent Risk Factor of Vertebral Fractures? A Prospective Study From a Chinese Population. <i>JBMR Plus</i> , 2017, 1, 107-115.	1.3	0
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74	Declining histone acetyltransferase GCN5 represses BMSC-mediated angiogenesis during osteoporosis. <i>FASEB Journal</i> , 2017, 31, 4422-4433.	0.2	45
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78	Efficacy of freeze-dried platelet-rich plasma in bone engineering. <i>Archives of Oral Biology</i> , 2017, 73, 172-178.	0.8	29
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96	Isoliquiritigenin blunts osteoarthritis by inhibition of bone resorption and angiogenesis in subchondral bone. <i>Scientific Reports</i> , 2018, 8, 1721.	1.6	35
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100	Intrafibrillar silicified collagen scaffold promotes in-situ bone regeneration by activating the monocyte p38 signaling pathway. <i>Acta Biomaterialia</i> , 2018, 67, 354-365.	4.1	15
101	Positive-Feedback Regulation of Subchondral H-Type Vessel Formation by Chondrocyte Promotes Osteoarthritis Development in Mice. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 909-920.	3.1	60
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110	ONO-1301 Enhances in vitro Osteoblast Differentiation and in vivo Bone Formation Induced by Bone Morphogenetic Protein. <i>Spine</i> , 2018, 43, E616-E624.	1.0	16
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117	RANKL signaling in bone marrow mesenchymal stem cells negatively regulates osteoblastic bone formation. <i>Bone Research</i> , 2018, 6, 34.	5.4	104
118	The Effects of Platelet-Derived Growth Factor-BB on Bone Marrow Stromal Cell-Mediated Vascularized Bone Regeneration. <i>Stem Cells International</i> , 2018, 2018, 1-16.	1.2	48
119	Hesperetin Prevents Bone Resorption by Inhibiting RANKL-Induced Osteoclastogenesis and Jnk Mediated Irf-3/c-Jun Activation. <i>Frontiers in Pharmacology</i> , 2018, 9, 1028.	1.6	36
120	Inhibition of Src Homology 2 Domain-Containing Protein Tyrosine Phosphatase-2 Facilitates CD31^{&hi}</sup>Endomucin^{&hi}</sup> Blood Vessel and Bone Formation in Ovariectomized Mice. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 1068-1083.	1.1	13
122	PDGFâ€“BB promotes the differentiation and proliferation of MC3T3â€“E1 cells through the Src/JAK2 signaling pathway. <i>Molecular Medicine Reports</i> , 2018, 18, 3719-3726.	1.1	9
123	Bone Marrowâ€“derived Endothelial Progenitor Cells Are Associated with Bone Mass and Strength. <i>Journal of Rheumatology</i> , 2018, 45, 1696-1704.	1.0	4
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127	Paracrine and endocrine actions of boneâ€“the functions of secretory proteins from osteoblasts, osteocytes, and osteoclasts. <i>Bone Research</i> , 2018, 6, 16.	5.4	339

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128	Development of a centrally vascularized tissue engineering bone graft with the unique core-shell composite structure for large femoral bone defect treatment. <i>Biomaterials</i> , 2018, 175, 44-60.	5.7	51
129	Early effects of parathyroid hormone on vascularized bone regeneration and implant osseointegration in aged rats. <i>Biomaterials</i> , 2018, 179, 15-28.	5.7	64
130	Mouse Cre Models for the Study of Bone Diseases. <i>Current Osteoporosis Reports</i> , 2018, 16, 466-477.	1.5	73
131	<i>Osteoimmunology</i> , 2018, , 261-282.		1
132	Biomaterials for the Delivery of Growth Factors and Other Therapeutic Agents in Tissue Engineering Approaches to Bone Regeneration. <i>Frontiers in Pharmacology</i> , 2018, 9, 513.	1.6	118
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134	Exosomal DMBT1 from human urine-derived stem cells facilitates diabetic wound repair by promoting angiogenesis. <i>Theranostics</i> , 2018, 8, 1607-1623.	4.6	266
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140	Phenotyping the Microvasculature in Critical-Sized Calvarial Defects via Multimodal Optical Imaging. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 430-440.	1.1	8
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142	Graphene-Based MicroRNA Transfection Blocks Preosteoclast Fusion to Increase Bone Formation and Vascularization. <i>Advanced Science</i> , 2018, 5, 1700578.	5.6	77
143	Bench-to-bedside strategies for osteoporotic fracture: From osteoimmunology to mechanosensation. <i>Bone Research</i> , 2019, 7, 25.	5.4	47
144	Vancomycin- and Strontium-Loaded Microspheres with Multifunctional Activities against Bacteria, in Angiogenesis, and in Osteogenesis for Enhancing Infected Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30596-30609.	4.0	74
145	Platelet-derived growth factor B attenuates lethal sepsis through inhibition of inflammatory responses. <i>International Immunopharmacology</i> , 2019, 75, 105792.	1.7	15

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146	Chordin-Like 1 Improves Osteogenesis of Bone Marrow Mesenchymal Stem Cells Through Enhancing BMP4-SMAD Pathway. <i>Frontiers in Endocrinology</i> , 2019, 10, 360.	1.5	24
147	Extracellular vesicles from human urine-derived stem cells prevent osteoporosis by transferring CTHRC1 and OPG. <i>Bone Research</i> , 2019, 7, 18.	5.4	66
148	Hierarchically designed bone scaffolds: From internal cues to external stimuli. <i>Biomaterials</i> , 2019, 218, 119334.	5.7	157
149	Role of angiocrine signals in bone development, homeostasis and disease. <i>Open Biology</i> , 2019, 9, 190144.	1.5	48
150	A Jack of All Trades: Impact of Glucocorticoids on Cellular Cross-Talk in Osteoimmunology. <i>Frontiers in Immunology</i> , 2019, 10, 2460.	2.2	16
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152	Electrical Stimulation through Conductive Substrate to Enhance Osteo-Differentiation of Human Dental Pulp-Derived Stem Cells. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3938.	1.3	13
153	Extracellular vesicles from human umbilical cord blood ameliorate bone loss in senile osteoporotic mice. <i>Metabolism: Clinical and Experimental</i> , 2019, 95, 93-101.	1.5	43
154	MicroRNA-130a controls bone marrow mesenchymal stem cell differentiation towards the osteoblastic and adipogenic fate. <i>Cell Proliferation</i> , 2019, 52, e12688.	2.4	111
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156	The Regulatory Roles of Non-coding RNAs in Angiogenesis and Neovascularization From an Epigenetic Perspective. <i>Frontiers in Oncology</i> , 2019, 9, 1091.	1.3	34
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