

In vitro differentiation and calcification in a new clonal newborn mouse calvaria.

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of epidermal growth factor on osteoblastic cells in vitro. <i>Calcified Tissue International</i> , 1983, 35, 542-548.	1.5	91
2	Differential expression of c-fos in hematopoietic cells: correlation with differentiation of monomyelocytic cells in vitro.. <i>EMBO Journal</i> , 1984, 3, 1887-1890.	3.5	142
3	Visualization of early intramembranous ossification by electron microscopic and spectroscopic imaging.. <i>Journal of Cell Biology</i> , 1984, 98, 911-921.	2.3	67
4	Fetal bovine bone cells synthesize bone-specific matrix proteins.. <i>Journal of Cell Biology</i> , 1984, 99, 607-614.	2.3	98
5	Selective Inhibition of Type I Collagen Synthesis in Osteoblastic Cells by Epidermal Growth Factor*. <i>Endocrinology</i> , 1984, 115, 867-876.	1.4	113
6	In vitro hemopoiesis within a microenvironment created by MC3T3-G2/PA6 preadipocytes. <i>Journal of Cellular Physiology</i> , 1984, 118, 233-240.	2.0	97
7	The effects of prostaglandin E2, parathyroid hormone, 1,25 dihydroxycholecalciferol, and cyclic nucleotide analogs on alkaline phosphatase activity in osteoblastic cells. <i>Calcified Tissue International</i> , 1984, 36, 72-76.	1.5	117
8	Effect of 1,25-dihydroxyvitamin D3 on alkaline phosphatase activity and collagen synthesis in osteoblastic cells, clone MC3T3-E1. <i>Biochemical and Biophysical Research Communications</i> , 1984, 119, 767-771.	1.0	69
9	Effect of transferrin on alkaline phosphatase activity and collagen synthesis in osteoblastic cells derived from newborn mouse calvaria. <i>Experimental Cell Research</i> , 1984, 153, 240-244.	1.2	11
10	Ectopic mineralization in fibroblast cultures.. <i>Archivum Histologicum Japonicum</i> , 1984, 47, 43-55.	1.0	9
11	An Electron Microscopic Demonstration of Induction of Chondrogenesis in Neonatal RAT Muscle Outgrowth Cells in Monolayer Cultures. <i>Connective Tissue Research</i> , 1985, 14, 141-158.	1.1	12
12	Differentiation of human bone marrow stromal precursor cells in monolayer culture. <i>Bulletin of Experimental Biology and Medicine</i> , 1985, 100, 1420-1422.	0.3	1
13	Properties of Suc-GPLGP-MCAase and dipeptidyl-aminopeptidase in mouse calvaria-derived osteoblastic cells (MC3T3-E1). <i>Calcified Tissue International</i> , 1985, 37, 183-188.	1.5	0
14	Human bone cells in vitro. <i>Calcified Tissue International</i> , 1985, 37, 453-460.	1.5	684
15	Mineralization in vitro of matrix formed by osteoblasts isolated by collagenase digestion. <i>Differentiation</i> , 1985, 29, 160-168.	1.0	209
16	Functional role of macrophages in periodontal disease: I. Activation of macrophage functions by <i>Bacteroides gingivalis</i> .. <i>Japanese Journal of Oral Biology</i> , 1985, 27, 728-732.	0.1	0
17	Induction of osteoblastic cell differentiation by forskolin. Stimulation of cyclic AMP production and alkaline phosphatase activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985, 838, 49-53.	1.1	23
18	The unique action for bone metabolism of 1,25-(OH) ₂ D ₃ -26,23-lactone. <i>Biochemical and Biophysical Research Communications</i> , 1985, 127, 693-698.	1.0	25

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19	Isolation and characterization of osteogenic cells derived from first bone of the embryonic tibia. <i>Developmental Biology</i> , 1985, 110, 275-283.	0.9	43
20	Prostaglandin E2 stimulates collagen and non-collagen protein synthesis and prolyl hydroxylase activity in osteoblastic clone MC3T3-E1 cells. <i>Biochemical and Biophysical Research Communications</i> , 1985, 126, 340-345.	1.0	77
21	Spontaneous production of interleukin-1-like cytokine from a mouse osteoblastic cell line(MC3T3-E1). <i>Biochemical and Biophysical Research Communications</i> , 1985, 131, 774-779.	1.0	51
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23	Inhibitory effect of chlorpromazine on bone formation in vivo and in vitro. <i>Biochemical Pharmacology</i> , 1985, 34, 2389-2391.	2.0	5
24	Synthesis of colony-stimulating factor (CSF) and differentiation-inducing factor (D-factor) by osteoblastic cells, clone MC3T3-E1. <i>Biochemical and Biophysical Research Communications</i> , 1986, 134, 400-406.	1.0	61
25	Type- β transforming growth factor inhibits proliferation and expression of alkaline phosphatase in murine osteoblast-like cells. <i>Biochemical and Biophysical Research Communications</i> , 1986, 140, 56-65.	1.0	171
26	An ultrastructural study of phagocytosis in bone by osteoblastic cells from fetal mouse calvaria in vitro. <i>Archives of Oral Biology</i> , 1986, 31, 703-706.	0.8	26
27	Human purified interleukin-1 inhibits DNA synthesis and cell growth of osteoblastic cell line (MC3T3-E1), but enhances alkaline phosphatase activity in the cells. <i>FEBS Letters</i> , 1986, 203, 279-284.	1.3	36
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29	Inhibitory effects of β 2-microglobulin on invitro calcification of osteoblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 1986, 141, 360-366.	1.0	26
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31	An ultrastructural study of osteogenesis in chick periosteum in vitro. <i>Bone</i> , 1986, 7, 295-302.	1.4	45
32	Effects of 1,25-Dihydroxy vitamin D ₃ on Osteoblastic MC3T3-E1 Cells. <i>Endocrinology</i> , 1986, 118, 940-947.	1.4	112
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34	Enhancement of cyclic adenosine monophosphate content in bone cells by the factor extracted from a pancreatic cancer associated with hypercalcemia. <i>Metabolism: Clinical and Experimental</i> , 1986, 35, 529-534.	1.5	15
35	Phenotypic differences in subclones and long-term cultures of clonally derived rat bone cell lines. <i>Journal of Cellular Biochemistry</i> , 1986, 31, 153-169.	1.2	34
36	Prostaglandin E2 stimulates DNA synthesis by a cyclic AMP-independent pathway in osteoblastic clone MC3T3-E1 cells. <i>Journal of Cellular Physiology</i> , 1986, 128, 155-161.	2.0	117

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38	Mc3T3-G2/PA6 preadipocytes support in vitro proliferation of hemopoietic stem cells through a mechanism different from that of interleukin 3. <i>Journal of Cellular Physiology</i> , 1986, 129, 20-26.	2.0	61
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45	Enamel protein and collagen production by cells subcultured from porcine tooth bud explants. <i>Biochemistry and Cell Biology</i> , 1987, 65, 698-709.	0.9	20
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47	Expression of differentiated function by mineralizing cultures of chicken osteoblasts. <i>Developmental Biology</i> , 1987, 122, 49-60.	0.9	383
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60	Chlorpromazine alters bone metabolism of rats in vivo. <i>Calcified Tissue International</i> , 1988, 42, 58-62.	1.5	13
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62	Prostaglandins and bone cell activity. <i>Japanese Journal of Bone and Mineral Metabolism</i> , 1988, 6, 1-16.	0.1	9
63	Comparative analysis of growth factors in normal and pathologic human prostates. <i>Prostate</i> , 1988, 13, 39-48.	1.2	55
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68	Effects of diastereoisomers of 1,25-dihydroxyvitamin D ₃ -26,23-lactone on alkaline phosphatase and collagen synthesis in osteoblastic cells. <i>Molecular and Cellular Endocrinology</i> , 1988, 55, 77-86.	1.6	19
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72	Possible induction of fatty acid cyclooxygenase in mouse osteoblastic cells (MC3T3-E1) by cAMP. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1988, 972, 339-346.	0.5	17

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85	Fibroblast growth factor enhances type beta 1 transforming growth factor gene expression in osteoblast-like cells.. <i>Journal of Cell Biology</i> , 1989, 109, 2529-2535.	2.3	126
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94	Culture and behavior of osteoblastic cells isolated from normal trabecular bone surfaces. <i>In Vitro Cellular & Developmental Biology</i> , 1989, 25, 373-380.	1.0	125
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103	Expression of the chondrogenic phenotype by mineralizing cultures of embryonic chick calvarial bone cells. <i>Bone and Mineral</i> , 1989, 7, 31-45.	2.0	27
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105	Bradykinin stimulates production of prostaglandin E ₂ and prostacyclin in murine osteoblasts. <i>Bone and Mineral</i> , 1989, 5, 139-154.	2.0	52
106	Effects of human PTH-related peptide and human PTH on cyclic AMP production and cytosolic free calcium in an osteoblastic cell clone. <i>Bone and Mineral</i> , 1989, 6, 45-54.	2.0	33
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108	Mineralization induced by β -glycerophosphate in cultures leads to a marked increase in collagenase synthesis by mouse osteogenic MC3T3-E1 cells under subsequent stimulation with heparin. <i>Biochemical and Biophysical Research Communications</i> , 1989, 162, 773-780.	1.0	28
109	Fatty acid cyclooxygenase activity stimulated by transforming growth factor- β in mouse osteoblastic cells (MC3T3-E1). <i>Archives of Biochemistry and Biophysics</i> , 1989, 270, 588-595.	1.4	42
110	Possible involvement of protein kinase C in proliferation and differentiation of osteoblast-like cells. <i>FEBS Letters</i> , 1989, 243, 183-185.	1.3	47

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113	Direct and sex-specific stimulation by sex steroids of creatine kinase activity and DNA synthesis in rat bone.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 3361-3365.	3.3	124
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117	Bone formation by osteoblast-like cells in a three-dimensional cell culture. <i>Calcified Tissue International</i> , 1990, 46, 46-56.	1.5	119
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123	Cloning of an osteoblastic cell line involved in the formation of osteoclast-like cells. <i>Journal of Cellular Physiology</i> , 1990, 145, 587-595.	2.0	86
124	Properties of Alkaline Phosphatase of the Human Dental Pulp. <i>Journal of Dental Research</i> , 1990, 69, 909-912.	2.5	46
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126	Biological Activity Assessment of 1,25-Dihydroxyvitamin D ₃ -26,23-Lactone and Its Intermediate Metabolites in Vivo and in Vitro. <i>Endocrinology</i> , 1990, 127, 695-701.	1.4	18
127	An immortalized osteogenic cell line derived from mouse teratocarcinoma is able to mineralize in vivo and in vitro.. <i>Journal of Cell Biology</i> , 1990, 110, 123-132.	2.3	52
128	Transforming growth factor- β 2 modulates proliferation and differentiation of mouse clonal osteoblastic MC3T3-E1 cells depending on their maturation stages. <i>Bone and Mineral</i> , 1990, 11, 285-293.	2.0	50

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130	Effects of donor age on osteogenic cells of rat bone marrow in vitro. <i>Mechanisms of Ageing and Development</i> , 1990, 51, 121-132.	2.2	136
131	Differentiation of canalicular cell processes in bone cells by basement membrane matrix components: Regulation by discrete domains of laminin. <i>Cell</i> , 1990, 63, 437-445.	13.5	187
132	In vitro mineralization of osteoblastic cells derived from human bone. <i>Bone and Mineral</i> , 1990, 8, 239-250.	2.0	96
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137	Osteogenin inhibits proliferation and stimulates differentiation in mouse osteoblast-like cells (MC3T3-E1). <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 750-756.	1.0	75
138	Production and significance of TGF-β ₂ in AT-3 metastatic cell line established from the Dunning rat prostatic adenocarcinoma. <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 840-847.	1.0	39
139	Platelet-activating factor stimulates production of prostaglandin E2 in murine osteoblast-like cell line MC3T3-E1. <i>Life Sciences</i> , 1991, 49, 1103-1109.	2.0	4
140	Thrombin increases cytoplasmic Ca ²⁺ and stimulates formation of prostaglandin E2 in the osteoblastic cell line MC3T3-E1. <i>Bone and Mineral</i> , 1991, 12, 81-90.	2.0	25
141	Epidermal growth factor attenuates cell proliferation by down-regulating the transforming growth factor-β ₂ receptor in the osteoblastic cell line MC3T3-E1. <i>Bone and Mineral</i> , 1991, 15, 125-135.	2.0	7
142	Mineralized nodule formation in rat bone marrow stromal cell culture without β ₂ -glycerophosphate. <i>Bone and Mineral</i> , 1991, 14, 41-54.	2.0	40
143	Induction of metallothionein and stimulation of calcification by dexamethasone in cultured clonal osteogenic cells, MC3T3-E1. <i>Toxicology Letters</i> , 1991, 57, 257-267.	0.4	14
144	Effect of 17 β ₂ -estradiol on the proliferation of osteoblastic MC3T3-E1 cells via human monocytes. <i>Biochemical and Biophysical Research Communications</i> , 1991, 178, 866-870.	1.0	17
145	Platelet-derived growth factor B chain homodimer enhances chemotaxis and DNA synthesis in normal osteoblast-like cells (MC3T3-E1). <i>Biochemical and Biophysical Research Communications</i> , 1991, 175, 745-751.	1.0	53
146	Effect of elevated extracellular calcium on the proliferation of osteoblastic MC3T3-E1 cells: Its direct and indirect effects via monocytes. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 1425-1430.	1.0	79

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