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MyoD-induced expression of p21 inhibits cyclin-dependent kinase activity upon myocyte terminal differentiation

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#	Paper	IF	Citations
365	Proliferation precedes differentiation in IGF-I-stimulated myogenesis. <b>1996</b> , 135, 431-40		242
364	Defining the regulatory networks for muscle development. <b>1996</b> , 6, 445-53		397
363	Resistance to apoptosis conferred by Cdk inhibitors during myocyte differentiation. <b>1996</b> , 273, 359-61		461
362	The brain-specific activator p35 allows Cdk5 to escape inhibition by p27Kip1 in neurons. <b>1996</b> , 93, 3259	-63	106
361	Growth and differentiation of C2 myogenic cells are dependent on serum response factor. <i>Molecular and Cellular Biology</i> , <b>1996</b> , 16, 6065-74	4.8	89
360	Expression of E1A in terminally differentiated muscle cells reactivates the cell cycle and suppresses tissue-specific genes by separable mechanisms. <i>Molecular and Cellular Biology</i> , <b>1996</b> , 16, 5302-12	4.8	66
359	Cyclin-mediated inhibition of muscle gene expression via a mechanism that is independent of pRB hyperphosphorylation. <i>Molecular and Cellular Biology</i> , <b>1996</b> , 16, 7043-53	4.8	116
358	Why are there so many CDK inhibitors?. <b>1996</b> , 1288, 01-5		19
357	The role of the cell cycle in genitourinary carcinoma. <b>1996</b> , 14, 310-7		2
356	Cyclin-dependent kinases are inactivated by a combination of p21 and Thr-14/Tyr-15 phosphorylation after UV-induced DNA damage. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 13283-91	5.4	119
355	Skeletal muscle cells lacking the retinoblastoma protein display defects in muscle gene expression and accumulate in S and G2 phases of the cell cycle. <b>1996</b> , 135, 441-56		288
354	Induction of p18INK4c and its predominant association with CDK4 and CDK6 during myogenic differentiation. <b>1996</b> , 7, 1587-99		108
353	Phosphatidylinositol 3-kinase inhibitors block differentiation of skeletal muscle cells. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 19146-51	5.4	168
352	Myogenin expression, cell cycle withdrawal, and phenotypic differentiation are temporally separable events that precede cell fusion upon myogenesis. <b>1996</b> , 132, 657-66		494
351	Transcriptional repression by the orphan steroid receptor RVR/Rev-erb beta is dependent on the signature motif and helix 5 in the E region: functional evidence for a biological role of RVR in myogenesis. <b>1996</b> , 24, 3481-9		55
350	Targeted in vivo expression of the cyclin-dependent kinase inhibitor p21 halts hepatocyte cell-cycle progression, postnatal liver development and regeneration. <i>Genes and Development</i> , <b>1996</b> , 10, 245-60	12.6	185
349	PPARgamma induces cell cycle withdrawal: inhibition of E2F/DP DNA-binding activity via down-regulation of PP2A. <i>Genes and Development</i> , <b>1997</b> , 11, 1987-98	12.6	286

348	Newt myotubes reenter the cell cycle by phosphorylation of the retinoblastoma protein. <b>1997</b> , 136, 15	5-65	172
347	The mitogenic and myogenic actions of insulin-like growth factors utilize distinct signaling pathways. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 6653-62	5.4	499
346	Identification of functional domains in the neuronal Cdk5 activator protein. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 5703-8	5.4	76
345	Inhibition of myogenesis by multiple cyclin-Cdk complexes. Coordinate regulation of myogenesis and cell cycle activity at the level of E2F. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 791-7	5.4	89
344	p21CIP1-mediated inhibition of cell proliferation by overexpression of the gax homeodomain gene. <i>Genes and Development</i> , <b>1997</b> , 11, 1674-89	12.6	143
343	Oligodendrocyte precursor differentiation is perturbed in the absence of the cyclin-dependent kinase inhibitor p27Kip1. <i>Genes and Development</i> , <b>1997</b> , 11, 2335-46	12.6	218
342	Molecular mechanisms of myogenic coactivation by p300: direct interaction with the activation domain of MyoD and with the MADS box of MEF2C. <i>Molecular and Cellular Biology</i> , <b>1997</b> , 17, 1010-26	4.8	325
341	High-intensity Raf signal causes cell cycle arrest mediated by p21Cip1. <i>Molecular and Cellular Biology</i> , <b>1997</b> , 17, 5588-97	4.8	424
340	p21WAF1 mutations and human malignancies. <b>1997</b> , 26, 35-41		31
339	The human papillomavirus E7 oncoprotein can uncouple cellular differentiation and proliferation in human keratinocytes by abrogating p21Cip1-mediated inhibition of cdk2. <i>Genes and Development</i> , <b>1997</b> , 11, 2101-11	12.6	353
338	Regulation of distinct stages of skeletal muscle differentiation by mitogen-activated protein kinases. <b>1997</b> , 278, 1288-91		319
337	The transition from proliferation to differentiation in nerve cells: what can we learn from muscle?. <i>Experimental Cell Research</i> , <b>1997</b> , 234, 193-204	4.2	7
336	Differential roles of p300 and PCAF acetyltransferases in muscle differentiation. <b>1997</b> , 1, 35-45		373
335	Cell cycle exit upon myogenic differentiation. <b>1997</b> , 7, 597-602		270
334	Complex Regulation of CDK2 During Phorbol Ester-Induced Hematopoietic Differentiation. <b>1997</b> , 90, 3430-3437		19
333	Interdependence between muscle differentiation and cell-cycle control. <b>1997</b> , 1332, M19-30		28
332	Phosphatidylinositol 3-kinase in myogenesis. <b>1997</b> , 7, 198-202		3
331	The retinoblastoma protein: a master regulator of cell cycle, differentiation and apoptosis. <b>1997</b> , 246, 581-601		178

330	Proteasome and myogenesis. <b>1997</b> , 24, 77-81	17
329	Regulators of Cardiac Cell Growth, Differentiation, and Apoptosis. <b>1997</b> , 2, 117-124	1
328	Expression of p21CIP1/WAF1 in chondrocytes. <b>1997</b> , 61, 199-204	33
327	Cyclins, cyclin-dependent kinases and differentiation. <b>1997</b> , 19, 307-15	130
326	Uncoupling of p21 induction and MyoD activation results in the failure of irreversible cell cycle arrest in doxorubicin-treated myocytes. <b>1997</b> , 66, 27-36	12
325	Synergistic role of E1A-binding proteins and tissue-specific transcription factors in differentiation. <b>1997</b> , 67, 423-31	19
324	p21waf1 can block cells at two points in the cell cycle, but does not interfere with processive DNA-replication or stress-activated kinases. <b>1998</b> , 16, 431-41	145
323	p21WAF1 induces permanent growth arrest and enhances differentiation, but does not alter apoptosis in PC12 cells. <b>1998</b> , 16, 443-51	51
322	Involvement of p21 and p27 in the regulation of CDK activity and cell cycle progression in the regenerating liver. <b>1998</b> , 16, 2141-50	166
321	Expression of a novel form of p21Cip1/Waf1 in UV-irradiated and transformed cells. <b>1998</b> , 16, 1333-43	46
320	Host nuclear abnormalities and depletion of nuclear antigens induced in Trichinella spiralis-infected muscle cells by the anthelmintic mebendazole. <b>1998</b> , 96, 1-13	13
319	Increased expression of the LAZ3 (BCL6) proto-oncogene accompanies murine skeletal myogenesis. 1998, 64, 33-44	19
318	Expression of cyclin-dependent kinase inhibitor p21 in human liver. <b>1998</b> , 28, 738-43	55
317	Bud formation precedes the appearance of differential cell proliferation during branching morphogenesis of mouse lung epithelium in vitro. <b>1998</b> , 213, 228-35	80
316	Developmental pattern of expression of NPDC-1 and its interaction with E2F-1 suggest a role in the control of proliferation and differentiation of neural cells. <b>1998</b> , 51, 257-67	21
315	Cyclin D3 and megakaryocyte development: exploration of a transgenic phenotype. <b>1998</b> , 16 Suppl 2, 97-106	29
314	Cell cycle profiles and expressions of p21CIP1 AND P27KIP1 during myocyte development. <b>1998</b> , 67, 133-42	68
313	Cell cycle-regulated expression of the muscle determination factor Myf5 in proliferating myoblasts. <b>1998</b> , 140, 111-8	99

312	Forced expression of hic-5, a senescence-related gene, potentiates a differentiation process of RCT-1 cells induced by retinoic acid. <b>1998</b> , 30, 39-45		15
311	Alpha-adrenergic inhibition of proliferation in HepG2 cells stably transfected with the alpha1B-adrenergic receptor through a p42MAPkinase/p21Cip1/WAF1-dependent pathway. <b>1998</b> , 436, 131-8		23
310	New Perspectives on Retinoblastoma Family Functions in Differentiation. <b>1998</b> , 18, 275-302		1
309	The muscle regulatory factors MyoD and myf-5 undergo distinct cell cycle-specific expression in muscle cells. <b>1998</b> , 142, 1447-59		257
308	The activity of differentiation factors induces apoptosis in polyomavirus large T-expressing myoblasts. <b>1998</b> , 9, 1449-63		28
307	The orphan nuclear receptor, COUP-TF II, inhibits myogenesis by post-transcriptional regulation of MyoD function: COUP-TF II directly interacts with p300 and myoD. <b>1998</b> , 26, 5501-10		42
306	Ectopic p21(WAF1) expression induces differentiation-specific cell cycle changes in PC12 cells characteristic of nerve growth factor treatment. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 23517-23	5.4	64
305	Nitric oxide-induced downregulation of Cdk2 activity and cyclin A gene transcription in vascular smooth muscle cells. <i>Circulation</i> , <b>1998</b> , 97, 2066-72	16.7	78
304	Role of cyclin-dependent kinases and their inhibitors in cellular differentiation and development. <i>Current Topics in Microbiology and Immunology</i> , <b>1998</b> , 227, 57-103	3.3	64
303	Cooperation between the Cdk inhibitors p27(KIP1) and p57(KIP2) in the control of tissue growth and development. <i>Genes and Development</i> , <b>1998</b> , 12, 3162-7	12.6	254
302	Coupled transcriptional and translational control of cyclin-dependent kinase inhibitor p18INK4c expression during myogenesis. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 2334-43	4.8	78
301	New perspectives on retinoblastoma family functions in differentiation. <b>1998</b> , 3, D532-47		52
300	Time course of changes in markers of myogenesis in overloaded rat skeletal muscles. <b>1999</b> , 87, 1705-12		177
299	p57(Kip2) stabilizes the MyoD protein by inhibiting cyclin E-Cdk2 kinase activity in growing myoblasts. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 7621-9	4.8	90
298	The involvement of proteasome in myogenic differentiation of murine myocytes and human rhabdomyosarcoma cells <b>1999</b> , 3, 127		2
297	The nuclear receptor corepressor N-CoR regulates differentiation: N-CoR directly interacts with MyoD. <b>1999</b> , 13, 1155-68		61
296	Lepidopteran DALP, and its mammalian ortholog HIC-5, function as negative regulators of muscle differentiation. <b>1999</b> , 96, 10218-23		36
295	Cloning and characterization of a novel gene, striamin, that interacts with the tumor suppressor protein p53. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 14948-55	5.4	4

294	Neuregulin stimulates myogenic differentiation in an autocrine manner. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 15395-400	5.4	54
293	Insulin-like growth factor-II, phosphatidylinositol 3-kinase, nuclear factor-kappaB and inducible nitric-oxide synthase define a common myogenic signaling pathway. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 17437-44	5.4	99
292	Silibinin decreases prostate-specific antigen with cell growth inhibition via G1 arrest, leading to differentiation of prostate carcinoma cells: implications for prostate cancer intervention. <b>1999</b> , 96, 749	90-5	204
291	Exogenous expression of a dominant negative RORalpha1 vector in muscle cells impairs differentiation: RORalpha1 directly interacts with p300 and myoD. <b>1999</b> , 27, 411-20		81
<b>2</b> 90	Comparative effects of overexpression of p27Kip1 and p21Cip1/Waf1 on growth and differentiation in human colon carcinoma cells. <b>1999</b> , 18, 103-15		61
289	The proto-oncogene Bc16 inhibits apoptotic cell death in differentiation-induced mouse myogenic cells. <b>1999</b> , 18, 467-75		54
288	Key role of the cyclin-dependent kinase inhibitor p27kip1 for embryonal carcinoma cell survival and differentiation. <b>1999</b> , 18, 6241-51		42
287	Rhabdomyosarcomaworking out the pathways. <b>1999</b> , 18, 5340-8		223
286	The retinoblastoma gene family in differentiation and development. 1999, 18, 7873-82		344
285	Dominant negative effect of a truncated erythropoietin receptor (EPOR-T) on erythropoietin-induced erythroid differentiation: possible involvement of EPOR-T in ineffective erythropoiesis of myelodysplastic syndrome. <b>1999</b> , 27, 229-33		22
284	The cell cycle and development: redundant roles of cell cycle regulators. 1999, 11, 655-62		70
283	Molecular control of muscle development: specification, determination and differentiation in the amniote embryo. <b>1999</b> , 4, 79-91		
282	The adaptive response of MyoD family proteins in overloaded, regenerating and denervated rat muscles. <b>1999</b> , 1428, 284-92		31
281	Differentiation and proliferation of pulmonary neuroendocrine cells. <b>1999</b> , 34, 247-322		19
280	Reduced differentiation potential of primary MyoD-/- myogenic cells derived from adult skeletal muscle. <b>1999</b> , 144, 631-43		268
279	Differential biological activities of mammalian Id proteins in muscle cells. <i>Experimental Cell Research</i> , <b>1999</b> , 247, 94-104	4.2	42
278	Tumor necrosis factor-alpha and basic fibroblast growth factor differentially inhibit the insulin-like growth factor-I induced expression of myogenin in C2C12 myoblasts. <i>Experimental Cell Research</i> , <b>1999</b> , 249, 177-87	4.2	64
277	Activation of a cAMP pathway and induction of melanogenesis correlate with association of p16(INK4) and p27(KIP1) to CDKs, loss of E2F-binding activity, and premature senescence of human melanocytes. <i>Experimental Cell Research</i> , <b>1999</b> , 253, 561-72	4.2	51

### (2000-1999)

276	p21(CIP1) and p57(KIP2) control muscle differentiation at the myogenin step. <i>Genes and Development</i> , <b>1999</b> , 13, 213-24	12.6	297
275	Critical role played by cyclin D3 in the MyoD-mediated arrest of cell cycle during myoblast differentiation. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 5203-17	4.8	119
274	NF-kappaB controls cell growth and differentiation through transcriptional regulation of cyclin D1. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 5785-99	4.8	1130
273	Cell cycle withdrawal promotes myogenic induction of Akt, a positive modulator of myocyte survival. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 5073-82	4.8	193
272	cdk1- and cdk2-mediated phosphorylation of MyoD Ser200 in growing C2 myoblasts: role in modulating MyoD half-life and myogenic activity. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 3167-76	4.8	96
271	The winged-helix/forkhead protein myocyte nuclear factor [[MNF-]]forms a co-repressor complex with mammalian Sin3B. <i>Biochemical Journal</i> , <b>2000</b> , 345, 335	3.8	20
270	The winged-helix/forkhead protein myocyte nuclear factor [[MNF-]] forms a co-repressor complex with mammalian Sin3B. <i>Biochemical Journal</i> , <b>2000</b> , 345, 335-343	3.8	60
269	Cyclin-dependent kinases and cyclin-dependent kinase inhibitors. Detection methods and activity measurements. <b>2001</b> , 124, 161-70		4
268	Hepatocyte growth factor (HGF) inhibits skeletal muscle cell differentiation: a role for the bHLH protein twist and the cdk inhibitor p27. <i>Journal of Cellular Physiology</i> , <b>2000</b> , 184, 101-9	7	65
267	Regulation of muscle regulatory factors by DNA-binding, interacting proteins, and post-transcriptional modifications. <i>Journal of Cellular Physiology</i> , <b>2000</b> , 185, 155-73	7	250
266	The molecular regulation of myogenesis. <b>2000</b> , 57, 16-25		521
265	NPDC-1, a regulator of neural cell proliferation and differentiation, interacts with E2F-1, reduces its binding to DNA and modulates its transcriptional activity. <b>2000</b> , 19, 5000-9		21
264	Regulation of G(1) cyclin-dependent kinases in the mammalian cell cycle. 2000, 12, 676-84		493
263	Transcription factors involved in pancreatic islet development. <b>2000</b> , 7, 27-34		32
262	Protein Kinase Protocols. <b>2000</b> ,		
261	Subcellular compartmentalization of E2F family members is required for maintenance of the postmitotic state in terminally differentiated muscle. <b>2000</b> , 148, 1187-201		35
260	Insulin-like growth factor-mediated muscle cell survival: central roles for Akt and cyclin-dependent kinase inhibitor p21. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 8983-95	4.8	165
259	Stabilization of MyoD by direct binding to p57(Kip2). Journal of Biological Chemistry, 2000, 275, 18767-	765.4	78

258	Acetylation of histones and transcription-related factors. <i>Microbiology and Molecular Biology Reviews</i> , <b>2000</b> , 64, 435-59	13.2	1272
257	p38 and extracellular signal-regulated kinases regulate the myogenic program at multiple steps. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 3951-64	4.8	386
256	C/EBPalpha inhibits cell growth via direct repression of E2F-DP-mediated transcription. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 5986-97	4.8	140
255	p21 and retinoblastoma protein control the absence of DNA replication in terminally differentiated muscle cells. <b>2000</b> , 149, 281-92		60
254	A calcineurin-NFATc3-dependent pathway regulates skeletal muscle differentiation and slow myosin heavy-chain expression. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 6600-11	4.8	251
253	Akt promotes survival of cardiomyocytes in vitro and protects against ischemia-reperfusion injury in mouse heart. <i>Circulation</i> , <b>2000</b> , 101, 660-7	16.7	730
252	Coordinate control of muscle cell survival by distinct insulin-like growth factor activated signaling pathways. <b>2000</b> , 151, 1131-40		67
251	Establishment of irreversible growth arrest in myogenic differentiation requires the RB LXCXE-binding function. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 5571-80	4.8	64
250	Regulation of cdk2 activity in endothelial cells that are inhibited from growth by cell contact. <b>2000</b> , 20, 629-35		38
249	p21CIP1 is dispensable for the G2 arrest caused by genistein in human melanoma cells. <i>Experimental Cell Research</i> , <b>2000</b> , 258, 101-8	4.2	44
248	Early increase in cyclin-D1 expression and accelerated entry of mouse hepatocytes into S phase after administration of the mitogen 1, 4-Bis[2-(3,5-Dichloropyridyloxy)] benzene. <b>2000</b> , 156, 91-7		79
247	Differential adaptation of growth and differentiation factor 8/myostatin, fibroblast growth factor 6 and leukemia inhibitory factor in overloaded, regenerating and denervated rat muscles. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2000</b> , 1497, 77-88	4.9	93
246	Involvement of p27(kip1) and cyclin D3 in the regulation of cdk2 activity during skeletal muscle differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2000</b> , 1497, 175-85	4.9	14
245	Expression and role of p27(kip1) in neuronal differentiation of embryonal carcinoma cells. <b>2000</b> , 77, 20	9-21	28
244	Failure to induce inhibition of cyclin A and up-regulation of p21 expression in phorbol ester-resistant U937 cells by phorbol ester. <b>2000</b> , 157, 211-8		6
243	Sustained nuclear localization of p21/WAF-1 upon growth arrest induced by contact inhibition. <b>2000</b> , 158, 73-84		35
242	Myofibroblasts: molecular crossdressers. <b>2001</b> , 51, 91-107		54
241	Coordinating cell proliferation and differentiation. <b>2001</b> , 11, 91-7		178

# (2002-2001)

240	The retinoblastoma protein acts as a transcriptional coactivator required for osteogenic differentiation. <b>2001</b> , 8, 303-16		314
239	Class I histone deacetylases sequentially interact with MyoD and pRb during skeletal myogenesis. <b>2001</b> , 8, 885-97		185
238	Role of p21(Cip1/Waf1) in cell-cycle exit of endomitotic megakaryocytes. <b>2001</b> , 98, 3274-82		59
237	Crosstalk between cell cycle regulators and the myogenic factor MyoD in skeletal myoblasts. <b>2001</b> , 58, 571-9		174
236	A role for histone deacetylase HDAC1 in modulating the transcriptional activity of MyoD: inhibition of the myogenic program. <b>2001</b> , 20, 1739-53		193
235	Activation of Akt2 Inhibits anoikis and apoptosis induced by myogenic differentiation. <b>2001</b> , 8, 1207-12		32
234	Change in gene expression subsequent to induction of Pnn/DRS/memA: increase in p21(cip1/waf1). <b>2001</b> , 20, 4007-18		30
233	Biological activities and molecular targets of the human papillomavirus E7 oncoprotein. <b>2001</b> , 20, 7888-9	98	474
232	Mammalian myotube dedifferentiation induced by newt regeneration extract. <b>2001</b> , 98, 13699-704		186
231	Functional interaction of bZIP proteins and the large subunit of replication factor C in liver and adipose cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 28098-105	5.4	19
230	The myotonic dystrophy expanded CUG repeat tract is necessary but not sufficient to disrupt C2C12 myoblast differentiation. <b>2001</b> , 10, 1879-87		78
229	The ink4a/arf tumor suppressors cooperate with p21cip1/waf in the processes of mouse epidermal differentiation, senescence, and carcinogenesis. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 44203-11	5.4	40
228	Positive and negative regulation of myogenic differentiation of C2C12 cells by isoforms of the multiple homeodomain zinc finger transcription factor ATBF1. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 25057-65	5.4	56
227	Coordinated regulation of Rap1 and thyroid differentiation by cyclic AMP and protein kinase A. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 1921-9	4.8	106
226	MyoD can induce cell cycle arrest but not muscle differentiation in the presence of dominant negative SWI/SNF chromatin remodeling enzymes. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 41486-91	5.4	88
225	Apoptosis and syncytial fusion in human placental trophoblast and skeletal muscle. <b>2001</b> , 205, 215-53		69
224	Myostatin inhibits myoblast differentiation by down-regulating MyoD expression. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 49831-40	5.4	593
223	Chapter 5 Role of cytokines in skeletal muscle growth and differentiation. <b>2002</b> , 11, 97-126		1

222	The myogenic basic helix-loop-helix family of transcription factors shows similar requirements for SWI/SNF chromatin remodeling enzymes during muscle differentiation in culture. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 33818-24	5.4	45
221	N-cadherin-dependent cell-cell contact regulates Rho GTPases and beta-catenin localization in mouse C2C12 myoblasts. <b>2002</b> , 158, 953-65		199
220	Chapter 3 Interactions between the cell cycle and the myogenic program. <b>2002</b> , 11, 53-74		2
219	Further characterization of BC3H1 myogenic cells reveals lack of p53 activity and underexpression of several p53 regulated and extracellular matrix-associated gene products. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2002</b> , 38, 382-93	2.6	3
218	Gene expression changes during mouse skeletal myoblast differentiation revealed by transcriptional profiling. <b>2002</b> , 10, 103-11		92
217	Possible involvement of hic-5, a focal adhesion protein, in the differentiation of C2C12 myoblasts. <b>2002</b> , 27, 21-7		15
216	Inhibition and reversal of myogenic differentiation by purine-based microtubule assembly inhibitors. <b>2002</b> , 9, 475-83		66
215	MyoD induces apoptosis in the absence of RB function through a p21(WAF1)-dependent re-localization of cyclin/cdk complexes to the nucleus. <b>2002</b> , 21, 8114-27		34
214	Expression and activity of the CDK inhibitor p57Kip2 in chondrocytes undergoing hypertrophic differentiation. <b>2004</b> , 19, 123-32		32
213	Intracellular signals involved in the effects of insulin-like growth factors and neuregulins on myofibre formation. <b>2003</b> , 15, 141-9		23
212	Injection of FGF6 accelerates regeneration of the soleus muscle in adult mice. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2003</b> , 1642, 97-105	4.9	30
211	Genome-wide examination of myoblast cell cycle withdrawal during differentiation. <b>2003</b> , 226, 128-38		91
210	v-Src inhibits myogenic differentiation by interfering with the regulatory network of muscle-specific transcriptional activators at multiple levels. <b>2003</b> , 22, 8302-15		12
209	Cell cycle regulation: repair and regeneration in acute renal failure. <b>2003</b> , 23, 449-59		28
208	Facioscapulohumeral muscular dystrophy (FSHD) myoblasts demonstrate increased susceptibility to oxidative stress. <b>2003</b> , 13, 322-33		107
207	A single cdk inhibitor, p27Xic1, functions beyond cell cycle regulation to promote muscle differentiation in Xenopus. <i>Development (Cambridge)</i> , <b>2003</b> , 130, 71-83	6.6	48
206	The cdk inhibitor p27Xic1 is required for differentiation of primary neurones in Xenopus. <i>Development (Cambridge)</i> , <b>2003</b> , 130, 85-92	6.6	108
205	Basic helix-loop-helix transcription factor epicardin/capsulin/Pod-1 suppresses differentiation by negative regulation of transcription. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 7486-93	5.4	48

### (2004-2003)

204	RNAi-mediated HuR depletion leads to the inhibition of muscle cell differentiation. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 47119-28	5.4	96
203	Alteration of mesodermal cell differentiation by EWS/FLI-1, the oncogene implicated in Ewing's sarcoma. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 482-92	4.8	61
202	Inactive caspase 3 activates Akt in human leukemia cells susceptible or resistant to apoptosis induced by phorbol ester. <b>2003</b> , 22, 1111		1
201	Mirk/dyrk1B is a Rho-induced kinase active in skeletal muscle differentiation. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 41347-54	5.4	70
200	Regulation and role of p21 and p27 cyclin-dependent kinase inhibitors during hepatocyte differentiation and growth. <b>2003</b> , 285, G115-27		52
199	p300/cAMP-response-element-binding-protein ('CREB')-binding protein (CBP) modulates co-operation between myocyte enhancer factor 2A (MEF2A) and thyroid hormone receptor-retinoid X receptor. <i>Biochemical Journal</i> , <b>2003</b> , 369, 477-84	3.8	31
198	Id family of transcription factors and vascular lesion formation. <b>2004</b> , 24, 2014-20		25
197	Cyclins, cyclin-dependent kinases, and cyclin-dependent kinase inhibitors: detection methods and activity measurements. <b>2005</b> , 296, 291-8		10
196	Hypoxia inhibits myogenic differentiation through accelerated MyoD degradation. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 16332-8	5.4	96
195	Modulation of acto-myosin contractility in skeletal muscle myoblasts uncouples growth arrest from differentiation. <i>Journal of Cell Science</i> , <b>2004</b> , 117, 3735-48	5.3	54
194	Skeletal muscle gene expression profiles in 20-29 year old and 65-71 year old women. <b>2004</b> , 39, 369-77		145
193	Amphoterin stimulates myogenesis and counteracts the antimyogenic factors basic fibroblast growth factor and S100B via RAGE binding. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 4880-94	4.8	100
192	MyoD induces the expression of p57Kip2 in cells lacking p21Cip1/Waf1: overlapping and distinct functions of the two cdk inhibitors. <i>Journal of Cellular Physiology</i> , <b>2004</b> , 200, 468-75	7	32
191	Dual-regulated myoD- and msx1-based interventions in C2C12-derived cells enable precise myogenic/osteogenic/adipogenic lineage control. <b>2004</b> , 6, 1159-69		11
190	Tumor necrosis factor-alpha inhibits myogenic differentiation through MyoD protein destabilization. <b>2004</b> , 18, 227-37		249
189	In vivo expression patterns of MyoD, p21, and Rb proteins in myonuclei and satellite cells of denervated rat skeletal muscle. <b>2004</b> , 287, C484-93		72
188	Cell Cycle Control. 2004,		1
187	Regulation of Rb gene expression by an MBD2-interacting zinc finger protein MIZF during myogenic differentiation. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 325, 653-9	3.4	5

186	Snail regulates p21(WAF/CIP1) expression in cooperation with E2A and Twist. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 325, 1136-44	3.4	38
185	Transcriptional profile of genes induced in human atrial myocardium with pressure overload. <b>2004</b> , 96, 381-7		8
184	p18INK4c and p27KIP1 are required for cell cycle arrest of differentiated myotubes. <i>Experimental Cell Research</i> , <b>2004</b> , 300, 365-78	4.2	21
183	Implication of CDK inhibitors p21 and p27 in the differentiation of HL-60 cells. <b>2004</b> , 27, 992-7		9
182	FGF6 regulates muscle differentiation through a calcineurin-dependent pathway in regenerating soleus of adult mice. <i>Journal of Cellular Physiology</i> , <b>2005</b> , 204, 297-308	7	37
181	Inhibition of prostate cancer cell growth by an avocado extract: role of lipid-soluble bioactive substances. <b>2005</b> , 16, 23-30		127
180	Cyclosporin A treatment upregulates Id1 and Smad3 expression and delays skeletal muscle regeneration. <b>2005</b> , 110, 269-80		33
179	Static stretch promotes MEF2A nuclear translocation and expression of neonatal myosin heavy chain in C2C12 myocytes in a calcineurin- and p38-dependent manner. <b>2005</b> , 288, C593-605		37
178	The retinoblastoma gene pathway regulates the postmitotic state of hair cells of the mouse inner ear. <i>Development (Cambridge)</i> , <b>2005</b> , 132, 2377-88	6.6	112
177	Expression of the EWS/FLI-1 oncogene in murine primary bone-derived cells Results in EWS/FLI-1-dependent, ewing sarcoma-like tumors. <b>2005</b> , 65, 8698-705		114
177 176		5.4	31
	EWS/FLI-1-dependent, ewing sarcoma-like tumors. <b>2005</b> , 65, 8698-705  CSX/Nkx2.5 modulates differentiation of skeletal myoblasts and promotes differentiation into	5.4	
176	EWS/FLI-1-dependent, ewing sarcoma-like tumors. 2005, 65, 8698-705  CSX/Nkx2.5 modulates differentiation of skeletal myoblasts and promotes differentiation into neuronal cells in vitro. <i>Journal of Biological Chemistry</i> , 2005, 280, 10716-20  Sequestration of pRb by cyclin D3 causes intranuclear reorganization of lamin A/C during muscle	5·4 5·4	31
176 175	EWS/FLI-1-dependent, ewing sarcoma-like tumors. 2005, 65, 8698-705  CSX/Nkx2.5 modulates differentiation of skeletal myoblasts and promotes differentiation into neuronal cells in vitro. <i>Journal of Biological Chemistry</i> , 2005, 280, 10716-20  Sequestration of pRb by cyclin D3 causes intranuclear reorganization of lamin A/C during muscle cell differentiation. 2005, 16, 1948-60  Mirk/Dyrk1B mediates survival during the differentiation of C2C12 myoblasts. <i>Journal of Biological</i>		31
176 175 174	CSX/Nkx2.5 modulates differentiation of skeletal myoblasts and promotes differentiation into neuronal cells in vitro. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 10716-20  Sequestration of pRb by cyclin D3 causes intranuclear reorganization of lamin A/C during muscle cell differentiation. <b>2005</b> , 16, 1948-60  Mirk/Dyrk1B mediates survival during the differentiation of C2C12 myoblasts. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 25788-801		31 51 72
176 175 174 173	CSX/Nkx2.5 modulates differentiation of skeletal myoblasts and promotes differentiation into neuronal cells in vitro. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 10716-20  Sequestration of pRb by cyclin D3 causes intranuclear reorganization of lamin A/C during muscle cell differentiation. <b>2005</b> , 16, 1948-60  Mirk/Dyrk1B mediates survival during the differentiation of C2C12 myoblasts. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 25788-801  The therapeutic potential of agents that inactivate myostatin. <b>2005</b> , 14, 1099-106  Novel role for cyclin-dependent kinase 2 in neuregulin-induced acetylcholine receptor epsilon	5.4	31 51 72
176 175 174 173	CSX/Nkx2.5 modulates differentiation of skeletal myoblasts and promotes differentiation into neuronal cells in vitro. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 10716-20  Sequestration of pRb by cyclin D3 causes intranuclear reorganization of lamin A/C during muscle cell differentiation. <b>2005</b> , 16, 1948-60  Mirk/Dyrk1B mediates survival during the differentiation of C2C12 myoblasts. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 25788-801  The therapeutic potential of agents that inactivate myostatin. <b>2005</b> , 14, 1099-106  Novel role for cyclin-dependent kinase 2 in neuregulin-induced acetylcholine receptor epsilon subunit expression in differentiated myotubes. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 21731-8  Parathyroid hormone uses multiple mechanisms to arrest the cell cycle progression of osteoblastic	5.4	31 51 72 1

168	The newly established human hepatocyte cell line: application for the bioartificial liver. 2005, 42, 557-64	13
167	The Ankrd2, Cdkn1c and calcyclin genes are under the control of MyoD during myogenic differentiation. <b>2005</b> , 349, 349-66	27
166	p21WAF1 expression induced by MEK/ERK pathway activation or inhibition correlates with growth arrest, myogenic differentiation and onco-phenotype reversal in rhabdomyosarcoma cells. <b>2005</b> , 4, 41	57
165	Muscle-specific microRNA miR-206 promotes muscle differentiation. <b>2006</b> , 174, 677-87	639
164	p57Kip2 is induced by MyoD through a p73-dependent pathway. <b>2006</b> , 356, 578-88	37
163	Immunohistochemical detection of myogenin and p21 in methylcholanthrene-induced mouse rhabdomyosarcomas. <b>2006</b> , 87, 445-50	1
162	NOV/CCN3 impairs muscle cell commitment and differentiation. <i>Experimental Cell Research</i> , <b>2006</b> , 312, 1876-89	25
161	Cell cycle regulation of the T-box transcription factor tbx2. <i>Experimental Cell Research</i> , <b>2006</b> , 312, 2358-662	39
160	Changes in skeletal muscle gene expression following clenbuterol administration. <b>2006</b> , 7, 320	49
159	The epigenetic network regulating muscle development and regeneration. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 207, 1-11	96
158	Age-associated decrease in muscle precursor cell differentiation. <b>2006</b> , 290, C609-15	49
157	Histone deacetylase 1-mediated histone modification regulates osteoblast differentiation. <b>2006</b> , 20, 2432-43	168
156	Tumor necrosis factor-like weak inducer of apoptosis inhibits skeletal myogenesis through sustained activation of nuclear factor-kappaB and degradation of MyoD protein. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 10327-36	122
155	Proneural basic helix-loop-helix proteins and epidermal growth factor receptor signaling coordinately regulate cell type specification and cdk inhibitor expression during development. 4.8 Molecular and Cellular Biology, <b>2007</b> , 27, 2987-96	20
154	Effects of hypoxia on proliferation and differentiation of myoblasts. 2007, 69, 629-36	25
153	Mechanisms controlling cell cycle exit upon terminal differentiation. <b>2007</b> , 19, 697-704	145
152	Delayed transactivation of the receptor for nerve growth factor is required for sustained signaling and differentiation by alpha2-adrenergic receptors in transfected PC12 cells. <b>2007</b> , 19, 945-57	12
151	Transcription factor FBI-1 acts as a dual regulator in adipogenesis by coordinated regulation of cyclin-A and E2F-4. <b>2008</b> , 86, 597-608	28

150	Inhibition of mammalian muscle differentiation by regeneration blastema extract of Sternopygus macrurus. <b>2008</b> , 237, 2830-43		6
149	Decorin enhances the proliferation and differentiation of myogenic cells through suppressing myostatin activity. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 215, 856-67	7	81
148	Molecular mechanism of transforming growth factor-beta-mediated inhibition of growth arrest and differentiation in a myoblast cell line. <b>2008</b> , 50, 121-30		18
147	Stau1 negatively regulates myogenic differentiation in C2C12 cells. <b>2008</b> , 13, 583-92		22
146	Myostatin signals through Pax7 to regulate satellite cell self-renewal. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 317-29	4.2	111
145	Tendons of myostatin-deficient mice are small, brittle, and hypocellular. 2008, 105, 388-93		145
144	The circadian clock component BMAL1 is a critical regulator of p21WAF1/CIP1 expression and hepatocyte proliferation. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 4535-42	5.4	229
143	Control of the reversibility of cellular quiescence by the transcriptional repressor HES1. <b>2008</b> , 321, 109	5-100	237
142	Insights into chromatin remodelers in mesenchymal stem cells and differentiation. <b>2009</b> , 14, 398-409		1
141	NET37, a nuclear envelope transmembrane protein with glycosidase homology, is involved in myoblast differentiation. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 29666-76	5.4	27
140	Distinct effects of Hedgehog signaling on neuronal fate specification and cell cycle progression in the embryonic mouse retina. <b>2009</b> , 29, 6932-44		53
139	SOCS1, SOCS3, and PIAS1 promote myogenic differentiation by inhibiting the leukemia inhibitory factor-induced JAK1/STAT1/STAT3 pathway. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 5084-93	4.8	54
138	Enrichment and terminal differentiation of striated muscle progenitors in vitro. <i>Experimental Cell Research</i> , <b>2009</b> , 315, 2741-51	4.2	7
137	Over-expression of the transcription factor, ZBP-89, leads to enhancement of the C2C12 myogenic program. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2009</b> , 1793, 1144-55	4.9	18
136	RNA-binding proteins Rbm38 and Rbm24 regulate myogenic differentiation via p21-dependent and -independent regulatory pathways. <b>2009</b> , 14, 1241-52		56
135	Insights into the transcriptional and chromatin regulation of mesenchymal stem cells in musculo-skeletal tissues. <b>2009</b> , 191, 2-12		11
134	Gene expression profiles in Atlantic salmon adipose-derived stromo-vascular fraction during differentiation into adipocytes. <b>2010</b> , 11, 39		39
133	Ubiquitin-proteasome-mediated degradation and synthesis of MyoD is modulated by alphaB-crystallin, a small heat shock protein, during muscle differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2010</b> , 1803, 288-99	4.9	37

Inhibition of tumourigenicity of small cell lung cancer cells by suppressing Id3 expression. 2010, 37, 595-603 132 Global regulation of alternative splicing during myogenic differentiation. 2010, 38, 7651-64 131 110 MicroRNA-214 promotes myogenic differentiation by facilitating exit from mitosis via 72 130 5.4 down-regulation of proto-oncogene N-ras. Journal of Biological Chemistry, 2010, 285, 26599-607 Proliferating cell nuclear antigen (PCNA): a key factor in DNA replication and cell cycle regulation. 364 129 2011, 107, 1127-40 Effects of creatine and its analog, Equanidinopropionic acid, on the differentiation of and nucleoli 128 7 in myoblasts. 2011, 75, 1085-9 RNA-binding proteins and gene regulation in myogenesis. 2011, 32, 652-8 127 50 Caspase-3, myogenic transcription factors and cell cycle inhibitors are regulated by leukemia 126 5.1 26 inhibitory factor to mediate inhibition of myogenic differentiation. Skeletal Muscle, 2011, 1, 17 Growth of limb muscle is dependent on skeletal-derived Indian hedgehog. 2011, 356, 486-95 30 125 Conditional TGF-11 treatment increases stem cell-like cell population in myoblasts. 2011, 15, 679-90 20 124 Reversible differentiation of myofibroblasts by MyoD. Experimental Cell Research, 2011, 317, 1914-21 88 123 4.2 The myogenic kinome: protein kinases critical to mammalian skeletal myogenesis. Skeletal Muscle, 122 5.1 86 2011, 1, 29 Evidence for cell density affecting C2C12 myogenesis: possible regulation of myogenesis by 121 47 cell-cell communication. **2011**, 44, 968-77 Regulation of cell cycle components during exposure to anoxia or dehydration stress in the wood 120 15 frog, Rana sylvatica. 2011, 315, 487-94 Reduction of myoblast differentiation following multiple population doublings in mouse C2 C12 119 32 cells: a model to investigate ageing?. 2011, 112, 3773-85 The histone- and PRMT5-associated protein COPR5 is required for myogenic differentiation. 2012, 118 14 19,900-8 Transcription factor TEAD4 regulates expression of myogenin and the unfolded protein response 58 117 genes during C2C12 cell differentiation. 2012, 19, 220-31 Analysis of early C2C12 myogenesis identifies stably and differentially expressed transcriptional 116 25 regulators whose knock-down inhibits myoblast differentiation. 2012, 44, 183-97 Slowing down differentiation of engrafted human myoblasts into immunodeficient mice correlates 115 40 with increased proliferation and migration. 2012, 20, 146-54

114	Binding of carbon nanotube to BMP receptor 2 enhances cell differentiation and inhibits apoptosis via regulating bHLH transcription factors. <b>2012</b> , 3, e308		26
113	Inhibition of Notch3 signalling induces rhabdomyosarcoma cell differentiation promoting p38 phosphorylation and p21(Cip1) expression and hampers tumour cell growth in vitro and in vivo. <b>2012</b> , 19, 871-81		43
112	Mechano growth factor (MGF) promotes proliferation and inhibits differentiation of porcine satellite cells (PSCs) by down-regulation of key myogenic transcriptional factors. <b>2012</b> , 370, 221-30		18
111	Highly efficient derivation of skeletal myotubes from human embryonic stem cells. <b>2012</b> , 8, 1109-19		28
110	Down-regulation of myogenin can reverse terminal muscle cell differentiation. <i>PLoS ONE</i> , <b>2012</b> , 7, e298	3967	48
109	Inhibition of mammalian muscle differentiation by excretory secretory products of muscle larvae of Trichinella spiralis in vitro. <b>2012</b> , 110, 2481-90		17
108	Melatonin-induced autophagy is associated with degradation of MyoD protein in C2C12 myoblast cells. <b>2012</b> , 53, 289-97		16
107	Cyclin D3 promotes myogenic differentiation and Pax7 transcription. <b>2012</b> , 113, 209-19		10
106	Age-dependent alteration in muscle regeneration: the critical role of tissue niche. <b>2013</b> , 14, 273-92		79
105	Flt3L is a novel regulator of skeletal myogenesis. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 3370-9	5.3	10
104	Decorin activates Akt downstream of IGF-IR and promotes myoblast differentiation. <b>2013</b> , 84, 669-74		8
103	M-cadherin-mediated intercellular interactions activate satellite cell division. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 5116-31	5.3	13
102	Alveolar rhabdomyosarcoma-associated proteins PAX3/FOXO1A and PAX7/FOXO1A suppress the transcriptional activity of MyoD-target genes in muscle stem cells. <b>2013</b> , 32, 651-62		53
101	Satellite cells and the muscle stem cell niche. <b>2013</b> , 93, 23-67		1105
100	A novel role for the RNA-binding protein FXR1P in myoblasts cell-cycle progression by modulating p21/Cdkn1a/Cip1/Waf1 mRNA stability. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003367	6	52
99	Proinflammatory cytokine tumor necrosis factor (TNF)-like weak inducer of apoptosis (TWEAK) suppresses satellite cell self-renewal through inversely modulating Notch and NF- <b>B</b> signaling pathways. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 35159-69	5.4	32
98	Altered in vitro proliferation of mouse SOD1-G93A skeletal muscle satellite cells. 2013, 11, 153-64		25
97	WITHDRAWN: VDR involvement in 1a,25-dihydroxyvitamin D3-action on cellular cycle in C2C12 skeletal muscle cells. <b>2013</b> ,		

96 RNA Regulation in Myogenesis. **2013**, 1-28

95	Muscle satellite cells are activated after exercise to exhaustion in Thoroughbred horses. <b>2013</b> , 45, 512-7		17
94	Abnormal expression of seven myogenesis-related genes in extraocular muscles of patients with concomitant strabismus. <b>2013</b> , 7, 217-22		3
93	Regulation of eukaryotic initiation factor 4AII by MyoD during murine myogenic cell differentiation. <i>PLoS ONE</i> , <b>2014</b> , 9, e87237	3.7	8
92	Double homeobox gene, Duxbl, promotes myoblast proliferation and abolishes myoblast differentiation by blocking MyoD transactivation. <b>2014</b> , 358, 551-66		7
91	Aberrant cell cycle reentry in human and experimental inclusion body myositis and polymyositis. <b>2014</b> , 23, 3681-94		13
90	RAGE signaling deficiency in rhabdomyosarcoma cells causes upregulation of PAX7 and uncontrolled proliferation. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 1699-711	5.3	12
89	Coordination of proliferation and neuronal differentiation by the retinoblastoma protein family. <b>2014</b> , 56, 324-34		15
88	Toxoplasma gondii within skeletal muscle cells: a critical interplay for food-borne parasite transmission. <b>2014</b> , 44, 91-8		34
87	TBX2 blocks myogenesis and promotes proliferation in rhabdomyosarcoma cells. <b>2014</b> , 135, 785-97		20
86	Endocrine regulation of fetal skeletal muscle growth: impact on future metabolic health. <i>Journal of Endocrinology</i> , <b>2014</b> , 221, R13-29	4.7	75
85	Retinoblastoma protein and MyoD function together to effect the repression of Fra-1 and in turn cyclin D1 during terminal cell cycle arrest associated with myogenesis. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 23417-27	5.4	12
84	Molecular and cellular regulation of skeletal myogenesis. <b>2014</b> , 110, 1-73		112
83	Different Impact Of Antiretroviral Drugs On Bone Differentiation In An In Vitro Model. <b>2015</b> , 116, 2188-9	94	20
82	Expression of Non-acetylatable H2A.Z in Myoblast Cells Blocks Myoblast Differentiation through Disruption of MyoD Expression. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 13234-49	5.4	16
81	TAp63gamma is required for the late stages of myogenesis. <i>Cell Cycle</i> , <b>2015</b> , 14, 894-901	4.7	12
80	Withdrawal of skeletal muscle cells from cell cycle progression triggers differentiation of Toxoplasma gondii towards the bradyzoite stage. <b>2015</b> , 17, 2-17		25
79	JAZF1 promotes proliferation of C2C12 cells, but retards their myogenic differentiation through transcriptional repression of MEF2C and MRF4-Implications for the role of Jazf1 variants in oncogenesis and type 2 diabetes. <i>Experimental Cell Research</i> , <b>2015</b> , 336, 287-97	4.2	10

78	E Proteins and ID Proteins: Helix-Loop-Helix Partners in Development and Disease. <b>2015</b> , 35, 269-80	92
77	Delta-like 1 homolog (DLK1) inhibits proliferation and myotube formation of avian QM7 myoblasts. <b>2015</b> , 179, 37-43	6
76	Macrophage migration inhibitory factor in the regulation of myoblast proliferation and differentiation. <b>2016</b> , 80, 1313-20	6
75	The roles of supernatant of macrophage treated by excretory-secretory products from muscle larvae of Trichinella spiralis on the differentiation of C2C12 myoblasts. <b>2016</b> , 231, 83-91	7
74	In Vivo Characterization of Linc-p21 Reveals Functional cis-Regulatory DNA Elements. <b>2016</b> , 16, 2178-2186	68
73	G9a promotes proliferation and inhibits cell cycle exit during myogenic differentiation. <b>2016</b> , 44, 8129-43	23
72	The KRAB Zinc Finger Protein Roma/Zfp157 Is a Critical Regulator of Cell-Cycle Progression and Genomic Stability. <b>2016</b> , 15, 724-734	7
71	Deciphering the regulation of porcine genes influencing growth, fatness and yield-related traits through genetical genomics. <b>2017</b> , 28, 130-142	4
70	Regenerating muscle with arginine methylation. <b>2017</b> , 8, 175-178	11
69	Dysregulation of a novel miR-23b/27b-p53 axis impairs muscle stem cell differentiation of humans with type 2 diabetes. <b>2017</b> , 6, 770-779	22
68	Myogenic differentiation triggers PML nuclear body loss and DAXX relocalization to chromocentres. <b>2017</b> , 8, e2724	11
67	The muscle regulatory transcription factor MyoD participates with p53 to directly increase the expression of the pro-apoptotic Bcl2 family member PUMA. <b>2017</b> , 22, 1532-1542	10
66	Influence of Nitric Oxide generated through microwave plasma on L6 skeletal muscle cell myogenesis via oxidative signaling pathways. <i>Scientific Reports</i> , <b>2017</b> , 7, 542	11
65	Arginine Methylation by PRMT1 Regulates Muscle Stem Cell Fate. <i>Molecular and Cellular Biology</i> , 4.8	34
64	Insulin-like growth factor 1 regulation of proliferation and differentiation of Xenopus laevis myogenic cells in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2017</b> , 53, 231-247	6
63	Regulation of myoblast differentiation by metabolic perturbations induced by metformin. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182475	20
62	CDK inhibitors for muscle stem cell differentiation and self-renewal. <i>The Journal of Physical Fitness and Sports Medicine</i> , <b>2017</b> , 6, 65-74	3
61	HDAC4 regulates satellite cell proliferation and differentiation by targeting P21 and Sharp1 genes.  Scientific Reports, <b>2018</b> , 8, 3448  4.9	24

60	The double-edged sword of endoplasmic reticulum stress in uremic sarcopenia through myogenesis perturbation. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2018</b> , 9, 570-584	10.3	26
59	Caspase-2 is required for skeletal muscle differentiation and myogenesis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2018</b> , 1865, 95-104	4.9	13
58	Skeletal Muscle Stem Cells. <b>2019</b> , 273-293		1
57	Engineered skeletal muscles for disease modeling and drug discovery. <i>Biomaterials</i> , <b>2019</b> , 221, 119416	15.6	36
56	The Multifaceted p21 (Cip1/Waf1/) in Cell Differentiation, Migration and Cancer Therapy. <i>Cancers</i> , <b>2019</b> , 11,	6.6	84
55	Stem Cells Heterogeneity in Different Organs. Advances in Experimental Medicine and Biology, 2019,	3.6	3
54	JARID2 and the PRC2 complex regulate the cell cycle in skeletal muscle. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 19451-19464	5.4	8
53	Dysregulated autophagy in muscle precursor cells from humans with type 2 diabetes. <i>Scientific Reports</i> , <b>2019</b> , 9, 8169	4.9	9
52	Akirin1 promotes myoblast differentiation by modulating multiple myoblast differentiation factors. <i>Bioscience Reports</i> , <b>2019</b> , 39,	4.1	1
51	Methylmercury modifies temporally expressed myogenic regulatory factors to inhibit myoblast differentiation. <i>Toxicology in Vitro</i> , <b>2020</b> , 63, 104717	3.6	3
50	Intravital imaging reveals cell cycle-dependent myogenic cell migration during muscle regeneration. <i>Cell Cycle</i> , <b>2020</b> , 19, 3167-3181	4.7	3
49	Muscle-derived TRAIL negatively regulates myogenic differentiation. <i>Experimental Cell Research</i> , <b>2020</b> , 394, 112165	4.2	O
48	Bta-miR-885 promotes proliferation and inhibits differentiation of myoblasts by targeting MyoD1. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 6625-6636	7	6
47	Dynamics of myogenic differentiation using a novel Myogenin knock-in reporter mouse. <i>Skeletal Muscle</i> , <b>2021</b> , 11, 5	5.1	2
46	Tumor necrosis factor alpha regulates myogenesis to inhibit differentiation and promote proliferation in satellite cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 580, 35-40	3.4	1
45	Intestinal cell cycle regulation. <i>Progress in Cell Cycle Research</i> , <b>1997</b> , 3, 43-52		21
44	Coordinate regulation of cell cycle and apoptosis during myogenesis. <i>Progress in Cell Cycle Research</i> , <b>1997</b> , 3, 53-8		54
43	IGFs and Skeletal Muscle. <b>1999</b> , 497-516		1

42	Skeletal Muscle Progenitor Cell Heterogeneity. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1169, 179-193	3.6	1
41	Inhibitors of the Cip/Kip family. Current Topics in Microbiology and Immunology, 1998, 227, 25-41	3.3	105
40	Myocardial Cellular Development and Morphogenesis. <b>1997</b> , 33-80		3
39	The steroid receptor coactivator, GRIP-1, is necessary for MEF-2C-dependent gene expression and skeletal muscle differentiation. <i>Genes and Development</i> , <b>2000</b> , 14, 1209-1228	12.6	72
38	Induction of cyclins E and A in response to mitogen removal: a basic alteration associated with the arrest of differentiation of C2 myoblasts transformed by simian virus 40 large T antigen. <i>Journal of Virology</i> , <b>1997</b> , 71, 2217-24	6.6	7
37	Infection of primary cells by adeno-associated virus type 2 results in a modulation of cell cycle-regulating proteins. <i>Journal of Virology</i> , <b>1997</b> , 71, 6020-7	6.6	50
36	Kinase cascades regulating entry into apoptosis. <i>Microbiology and Molecular Biology Reviews</i> , <b>1997</b> , 61, 33-46	13.2	55
35	Adenoviral constructs encoding phosphorylation-competent full-length and truncated forms of the human retinoblastoma protein inhibit myocyte proliferation and neointima formation. <i>Circulation</i> , <b>1997</b> , 96, 1899-905	16.7	47
34	Temporally and Spatially Coordinated Expression of Cell Cycle Regulatory Factors After Angioplasty. <i>Circulation Research</i> , <b>1997</b> , 80, 418-426	15.7	94
33	Homeotic genes and the regulation of myoblast migration, fusion, and fibre-specific gene expression during adult myogenesis in Drosophila. <i>Development (Cambridge)</i> , <b>1997</b> , 124, 3333-3341	6.6	49
32	Cyclin dependent kinase 5, cdk5, is a positive regulator of myogenesis in mouse C2 cells. <i>Journal of Cell Science</i> , <b>1997</b> , 110, 1251-1260	5.3	88
31	Cell heterogeneity upon myogenic differentiation: down-regulation of MyoD and Myf-5 generates Beserve cells Journal of Cell Science, 1998, 111, 769-779	5.3	298
30	Alpha-skeletal actin induces a subset of muscle genes independently of muscle differentiation and withdrawal from the cell cycle. <i>Journal of Cell Science</i> , <b>2001</b> , 114, 513-524	5.3	12
29	Recruitment of (Pcatenin to cadherin-mediated intercellular adhesions is involved in myogenic induction. <i>Journal of Cell Science</i> , <b>2001</b> , 114, 1309-1319	5.3	57
28	Tristetraprolin and LPS-inducible CXC chemokine are rapidly induced in presumptive satellite cells in response to skeletal muscle injury. <i>Journal of Cell Science</i> , <b>2002</b> , 115, 2701-2712	5.3	53
27	Lifelong Physical Activity Prevents Aging-Associated Insulin Resistance in Human Skeletal Muscle Myotubes via Increased Glucose Transporter Expression. <i>PLoS ONE</i> , <b>2013</b> , 8, e66628	3.7	18
26	P21 deficiency delays regeneration of skeletal muscular tissue. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125765	3.7	23
25	Rates of myogenesis and myofiber numbers are reduced in late gestation IUGR fetal sheep. <i>Journal of Endocrinology</i> , <b>2019</b> , 244, 339-352	4.7	5

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24	Aging of the inceptive cellular population: the relationship between stem cells and aging. <i>Aging</i> , <b>2009</b> , 1, 372-81	5.6	9
23	Myoblasts rely on TAp63 to control basal mitochondria respiration. <i>Aging</i> , <b>2018</b> , 10, 3558-3573	5.6	3
22	Increased expression of Id1 and Id3 promotes tumorigenicity by enhancing angiogenesis and suppressing apoptosis in small cell lung cancer. <i>Genes and Cancer</i> , <b>2014</b> , 5, 212-25	2.9	20
21	MiR-214 and N-ras regulatory loop suppresses rhabdomyosarcoma cell growth and xenograft tumorigenesis. <i>Oncotarget</i> , <b>2014</b> , 5, 2161-75	3.3	27
20	Proteomic Assessment of the Relevant Factors Affecting Pork Meat Quality Associated with Muscles in Duroc Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2016</b> , 29, 1653-1663	2.4	5
19	The Dual Role Played by p21 May Influence the Apoptotic or Anti-Apoptotic Fate in Cancer. <i>Journal of Cancer Research Updates</i> ,	1	37
18	Restoring the Cell Cycle and Proliferation Competence in Terminally Differentiated Skeletal Muscle Myotubes. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
17	Cell cycle regulation in the melanocyte. <b>2003</b> , 13-24		
16	NOVEL POSSIBILITIES OF SKELETAL MUSCLE HYPERTROPHY MECHANISM. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , <b>2006</b> , 55, 367-384	0.1	
15	Porcine ZBED6 regulates growth of skeletal muscle and internal organs via multiple targets. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009862	6	1
14	Rb and Cellular Differentiation. <b>2006</b> , 106-117		
13	Endothelial Injury and Cell Cycle Re-Entry. <b>2006</b> , 207-219		
13	Endothelial Injury and Cell Cycle Re-Entry. <b>2006</b> , 207-219  The steroid receptor coactivator, GRIP-1, is necessary for MEF-2C-dependent gene expression and skeletal muscle differentiation. <i>Genes and Development</i> , <b>2000</b> , 14, 1209-28	12.6	116
	The steroid receptor coactivator, GRIP-1, is necessary for MEF-2C-dependent gene expression and	<b>12.6 3.8</b>	116 36
12	The steroid receptor coactivator, GRIP-1, is necessary for MEF-2C-dependent gene expression and skeletal muscle differentiation. <i>Genes and Development</i> , <b>2000</b> , 14, 1209-28  The winged-helix/forkhead protein myocyte nuclear factor beta (MNF-beta) forms a co-repressor		
12	The steroid receptor coactivator, GRIP-1, is necessary for MEF-2C-dependent gene expression and skeletal muscle differentiation. <i>Genes and Development</i> , <b>2000</b> , 14, 1209-28  The winged-helix/forkhead protein myocyte nuclear factor beta (MNF-beta) forms a co-repressor complex with mammalian sin3B. <i>Biochemical Journal</i> , <b>2000</b> , 345 Pt 2, 335-43	3.8	36
12 11 10	The steroid receptor coactivator, GRIP-1, is necessary for MEF-2C-dependent gene expression and skeletal muscle differentiation. <i>Genes and Development</i> , <b>2000</b> , 14, 1209-28  The winged-helix/forkhead protein myocyte nuclear factor beta (MNF-beta) forms a co-repressor complex with mammalian sin3B. <i>Biochemical Journal</i> , <b>2000</b> , 345 Pt 2, 335-43  Muscle cell-derived cytokines in skeletal muscle regeneration <i>FEBS Journal</i> , <b>2022</b> ,  XBP1u Is Involved in C2C12 Myoblast Differentiation Accelerated Proteasomal Degradation of Id3	3.8 5·7	36

6	From cyclins to CDKIs: Cell cycle regulation of skeletal muscle stem cell quiescence and activation. <b>2022</b> , 113275	2
5	Effects of PGC-1Dverexpression on the myogenic response during skeletal muscle regeneration. <b>2022</b> , 4, 198-208	
4	Secreted ADAMTS-like 2 promotes myoblast differentiation by potentiating Wnt signaling.	O
3	Multi-Omics Analysis Reveals the Potential Effects of Maternal Dietary Restriction on Fetal Muscle Growth and Development. <b>2023</b> , 15, 1051	Ο
2	Extraocular muscle stem cells exhibit distinct cellular properties associated with non-muscle molecular signatures.	0
1	Tceal7 Regulates Skeletal Muscle Development through Its Interaction with Cdk1. <b>2023</b> , 24, 6264	O