

CITATION REPORT

List of articles citing

Identification of programmed cell death in situ via specific labeling of nuclear DNA fragmentation

DOI: 10.1083/jcb.119.3.493

Journal of Cell Biology, 1992, 119, 493-501.

Source: <https://exaly.com/paper-pdf/23182674/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2232	Abstract.		
2231	Determination of three-dimensional distribution of apoptotic DNA damage by combination of TUNEL and quick-freezing and deep-etching techniques. 2002 , 203, 55-68		
2230	In situ DNA ligation as a method for labeling apoptotic cells in tissue sections. An overview. 2002 , 203, 133-41		7
2229	Book Review: Theologische Jahresbericht. Das Neue Testament. 1914 , 11, 101-101		
2228	Effect of Growth on Redistribution of Some Mineral Elements in Peppermint. 1960 , 35, 210-5		24
2227	Multiple organ failure of tumor-bearing rabbits in cancer cachexia is caused by apoptosis of normal organ cells. 1992 , 34, 61		1
2226	Sodium butyrate induces apoptosis in human colonic tumour cell lines in a p53-independent pathway: implications for the possible role of dietary fibre in the prevention of large-bowel cancer. 1993 , 55, 498-505		475
2225	Apoptosis is induced by transforming growth factor- β 1 within 5 hours in regressing liver without significant fragmentation of the DNA. 1993 , 18, 1238-1246		136
2224	In situ end-labelling detects DNA strand breaks in apoptosis and other physiological and pathological states. 1993 , 170, 1-8		536
2223	Cell death by apoptosis in epidermal biology. 1993 , 101, 107-12		219
2222	Regional variability in DNA fragmentation after global ischemia evidenced by combined histological and gel electrophoresis observations in the rat brain. 1993 , 61, 1973-6		231
2221	Expression of bcl-2-like immunoreactivity in the normal breast and in breast cancer. 1993 , 2, 134-137		16
2220	Diffuse axonal injury: windows for therapeutic intervention allowed by its pathobiology. 1993 , 423, 153-6		1
2219	Estrogens inhibit and androgens enhance ovarian granulosa cell apoptosis. 1993 , 133, 2204-12		424
2218	Global ischemia can cause DNA fragmentation indicative of apoptosis in rat brain. 1993 , 164, 89-92		449
2217	Strategies for rescue of retinal photoreceptor cells. 1993 , 3, 797-804		15
2216	Apoptosis: final common pathway of photoreceptor death in rd, rds, and rhodopsin mutant mice. 1993 , 11, 595-605		620

2215	In situ labeling of granule cells for apoptosis-associated DNA fragmentation reveals different mechanisms of cell loss in developing cerebellum. 1993 , 11, 621-32	321
2214	Bcl-2-deficient mice demonstrate fulminant lymphoid apoptosis, polycystic kidneys, and hypopigmented hair. 1993 , 75, 229-40	1653
2213	Le(y) antigen expression is correlated with apoptosis (programmed cell death). 1993 , 3, 381-90	139
2212	Protease inhibitors selectively block T cell receptor-triggered programmed cell death in a murine T cell hybridoma and activated peripheral T cells. 1993 , 178, 1693-700	183
2211	Bromodeoxyuridine-labelled apoptosis after treatment with antimetabolites in two murine tumours and in small intestinal crypts. 1993 , 68, 678-80	21
2210	Cell proliferation, DNA repair, and p53 function are not required for programmed death of prostatic glandular cells induced by androgen ablation. 1993 , 90, 8910-4	172
2209	Apoptotic death in epithelial cells: cleavage of DNA to 300 and/or 50 kb fragments prior to or in the absence of internucleosomal fragmentation.. 1993 , 12, 3679-3684	779
2208	c-Myc induces cellular susceptibility to the cytotoxic action of TNF-alpha.. 1994 , 13, 5442-5450	108
2207	Programmed to Die : Cell Death via Apoptosis. 1994 , 175-182	3
2206	Axotomy results in delayed death and apoptosis of retinal ganglion cells in adult rats. 1994 , 14, 4368-74	713
2205	Selective elimination of hypothalamic neurons by grafted hypertension-inducing neural tissue. 1994 , 14, 4891-902	21
2204	Down-regulation of wild-type p53 activity interferes with apoptosis of IL-3-dependent hematopoietic cells following IL-3 withdrawal.. 1994 , 13, 1368-1374	113
2203	Apoptotic cell death induced by optic nerve lesion in the neonatal rat. 1994 , 14, 5292-301	143
2202	Reperfusion injury induces apoptosis in rabbit cardiomyocytes. 1994 , 94, 1621-8	1086
2201	Epidermal growth factor inhibits large granulosa cell apoptosis by stimulating progesterone synthesis and regulating the distribution of intracellular free calcium. 1994 , 51, 646-54	90
2200	In situ localization of apoptosis in the rat ovary during follicular atresia. 1994 , 51, 888-95	132
2199	Evaluation of growth, cell proliferation, and cell death in bovine corpora lutea throughout the estrous cycle. 1994 , 51, 623-32	109
2198	Apoptotic photoreceptor cell death in mouse models of retinitis pigmentosa. 1994 , 91, 974-8	507

- 2197 The use of C0t-1 probe DNA for the detection of low levels of DNA fragmentation. **1994**, 72, 649-53 12
- 2196 Increased levels of clusterin mRNA in the ventral prostate of the aging rat are associated to increases in cuboidal (atrophic) cell population and not to changes in apoptotic activity. **1994**, 72, 515-21 23
- 2195 Disruption of the HNF-4 gene, expressed in visceral endoderm, leads to cell death in embryonic ectoderm and impaired gastrulation of mouse embryos. **1994**, 8, 2466-77 439
- 2194 Loss of cell cycle controls in apoptotic lymphoblasts of the bursa of Fabricius. **1994**, 5, 763-72 12
- 2193 A rapid and sensitive assay for the detection of DNA fragmentation during early phases of apoptosis. **1994**, 22, 2714-5 55
- 2192 Autocrine signals enable chondrocytes to survive in culture. *Journal of Cell Biology*, **1994**, 126, 1069-77 7:3 115
- 2191 Apoptosis in bovine granulosa cells in relation to steroid synthesis, cyclic adenosine 3',5'-monophosphate response to follicle-stimulating hormone and luteinizing hormone, and follicular atresia. **1994**, 51, 934-44 110
- 2190 Apoptosis or retinoblastoma: alternative fates of photoreceptors expressing the HPV-16 E7 gene in the presence or absence of p53. **1994**, 8, 1300-10 235
- 2189 Photoperiod regulates testis cell apoptosis in Djungarian hamsters. **1994**, 51, 1315-21 66
- 2188 p53 status and the efficacy of cancer therapy in vivo. **1994**, 266, 807-10 1340
- 2187 Heat shock modulates UVB-induced cell death in human epidermal keratinocytes: evidence for a hyperthermia-inducible protective response. **1994**, 103, 547-53 49
- 2186 Evidence of nuclear DNA fragmentation following hypoxia-ischemia in the infant rat brain, and transient forebrain ischemia in the adult gerbil. **1994**, 4, 115-22 144
- 2185 Apoptosis, retinitis pigmentosa, and degeneration. **1994**, 72, 489-98 67
- 2184 Increased TRPM-2/clusterin mRNA levels during the time of retinal degeneration in mouse models of retinitis pigmentosa. **1994**, 72, 439-46 32
- 2183 The immunological potential of apoptotic debris produced by tumor cells and during HIV infection. **1994**, 43, 125-32 34
- 2182 Tumor cell proliferation and apoptosis in medulloblastoma. **1994**, 87, 362-70 57
- 2181 Antibody against single-stranded DNA detects both programmed cell death and drug-induced apoptosis. **1994**, 101, 73-8 111
- 2180 Distribution of apoptosis-mediating Fas antigen in human skin and effects of anti-Fas monoclonal antibody on human epidermal keratinocyte and squamous cell carcinoma cell lines. **1994**, 286, 396-407 79

2179	Cytochemical identification of programmed cell death in the fusing fetal mouse palate by specific labelling of DNA fragmentation. 1994 , 190, 21-8	89
2178	The behaviour of nuclear domains in the course of apoptosis. 1994 , 102, 221-31	51
2177	Apoptosis related antigen, Le(Y) and nick-end labeling are positive in spinal motor neurons in amyotrophic lateral sclerosis. 1994 , 88, 207-11	106
2176	Apoptosis in adult retinal ganglion cells after axotomy. 1994 , 25, 431-8	329
2175	Motoneurons deprived of trophic support in vitro require new gene expression to undergo programmed cell death. 1994 , 25, 1005-16	67
2174	Detection of apoptosis-associated DNA strand breaks in fine-needle aspiration biopsies by in situ end labeling of fragmented DNA. 1994 , 15, 169-75	80
2173	Loss of APC protein expressed by human colonic epithelial cells and the appearance of a specific low-molecular-weight form is associated with apoptosis in vitro. 1994 , 59, 56-64	53
2172	Neuroblastoma cell apoptosis induced by the synthetic retinoid N-(4-hydroxyphenyl)retinamide. 1994 , 59, 422-6	60
2171	Programmed cell death during the earliest stages of spinal cord development in the chick embryo: a possible means of early phenotypic selection. 1994 , 345, 377-95	106
2170	Induction of apoptosis in the murine liver with recombinant human activin A. 1994 , 20, 854-62	103
2169	Transforming growth factor-beta 2 induces apoptosis of murine T cell clones without down-regulating bcl-2 mRNA expression. 1994 , 24, 1293-300	103
2168	Autoimmune disease. A problem of defective apoptosis. 1994 , 37, 1415-20	200
2167	Apoptosis in human skin development: morphogenesis, periderm, and stem cells. 1994 , 199, 176-88	201
2166	Specificity and editing by apoptosis of virus-induced cytotoxic T lymphocytes. 1994 , 6, 553-9	35
2165	Autoantigens targeted in systemic lupus erythematosus are clustered in two populations of surface structures on apoptotic keratinocytes. 1994 , 179, 1317-30	1483
2164	Protection from Fas-mediated apoptosis by a soluble form of the Fas molecule. 1994 , 263, 1759-62	979
2163	Cell death and disposal in retinoblastoma: an electron microscopic study. 1994 , 232, 635-45	12
2162	Distinction of apoptotic and necrotic cell death by in situ labelling of fragmented DNA. 1994 , 278, 549-56	150

2161	Ionizing radiation acts on cellular membranes to generate ceramide and initiate apoptosis. 1994 , 180, 525-35	769
2160	Lymphocyte apoptosis—mechanisms and implications in disease. 1994 , 142, 141-56	31
2159	Abnormal Bcl-2 and "tissue" transglutaminase expression in psoriatic skin. 1994 , 103, 829-33	52
2158	p53-dependent apoptosis produced by Rb-deficiency in the developing mouse lens. 1994 , 371, 72-4	587
2157	T-cell apoptosis detected in situ during positive and negative selection in the thymus. 1994 , 372, 100-3	900
2156	Sunburn and p53 in the onset of skin cancer. 1994 , 372, 773-6	1520
2155	Apoptosis and chemical carcinogenesis. 1994 , 14, 321-6	22
2154	The extent of apoptosis in different types of high grade prostatic carcinoma. 1994 , 25, 269-73	30
2153	Apoptotic cell death in human gastric carcinoma: analysis by terminal deoxynucleotidyl transferase-mediated dUTP-biotin nick end labeling. 1994 , 85, 939-45	85
2152	Apoptosis in disease. 1994 , 24, 715-23	104
2151	The Role of Apoptosis in the Manifestation of Polydactyly and Arhinencephaly in Genetic Mutant Mouse Pdn/Pdn*. 1994 , 34, 321-328	2
2150	High potassium and cyclic AMP analog promote neuronal survival of basal forebrain cholinergic neurons in culture from postnatal 2-week-old rats. 1994 , 81, 218-29	23
2149	A cell-specific nuclear receptor is essential for adrenal and gonadal development and sexual differentiation. 1994 , 77, 481-90	1361
2148	Genesis of olfactory receptor neurons in vitro: regulation of progenitor cell divisions by fibroblast growth factors. 1994 , 13, 1083-97	164
2147	A newly identified tyrosine kinase is preferentially expressed in the gastrointestinal tract. 1994 , 1221, 348-52	9
2146	Possible role of neuronal apoptosis in Alzheimer's disease. 1994 , 15 Suppl 2, S187-9	24
2145	Death from inside out: an overview. 1994 , 345, 237-41	51
2144	Programmed cell death in Drosophila. 1994 , 345, 247-50	19

2143	Growth-inhibitory effects of the natural phyto-oestrogen genistein in MCF-7 human breast cancer cells. 1994 , 30A, 1675-82	169
2142	Apoptosis is induced by 1-methyl-4-phenylpyridinium ion (MPP+) in ventral mesencephalic-striatal co-culture in rat. 1994 , 170, 191-4	136
2141	Neuronal cell death: searching for the smoking gun. 1994 , 4, 87-94	16
2140	Apoptosis and expression of the bcl-2 proto-oncogene in the fetal and adult human kidney: evidence for the contribution of bcl-2 expression to renal carcinogenesis. 1994 , 25, 789-96	99
2139	Integrin alpha v beta 3 antagonists promote tumor regression by inducing apoptosis of angiogenic blood vessels. 1994 , 79, 1157-64	2082
2138	Cytotoxicity of tumour necrosis factor-alpha and gamma-interferon against primary human placental trophoblasts. 1994 , 15, 819-35	320
2137	Aging, differentiation and apoptosis in human epidermal keratinocytes in culture. 1994 , 19 Suppl 1, 185-96	30
2136	Naturally occurring cell death in the developing cerebral cortex of the rat. Evidence of apoptosis-associated internucleosomal DNA fragmentation. 1994 , 182, 77-9	81
2135	Internucleosomal DNA fragmentation in gerbil hippocampus following forebrain ischemia. 1994 , 171, 179-82	80
2134	Kainate-induced apoptotic cell death in hippocampal neurons. 1994 , 63, 7-18	373
2133	Hypoxia induces apoptosis with enhanced expression of Fas antigen messenger RNA in cultured neonatal rat cardiomyocytes. 1994 , 75, 426-33	505
2132	Visualization of DNA double strand breaks in the gerbil hippocampal CA1 following transient ischemia. 1994 , 175, 133-6	115
2131	Apoptotic cell death of T-lymphocytes in experimental autoimmune neuritis of the Lewis rat. 1994 , 176, 75-9	28
2130	Spontaneous apoptosis of cells prepared from the nonregressing corpus luteum. 1994 , 72, 531-6	11
2129	In situ end labeling of fragmented DNA in induced ovarian atresia. 1994 , 72, 573-9	19
2128	Genetic control of programmed cell death in Drosophila. 1994 , 264, 677-83	916
2127	A rapid and simple method for the isolation of apoptotic DNA fragments. 1994 , 22, 5506-7	577
2126	Molecular Methods for the Identification of Apoptosis in Tissues. 1994 , 17, 261-267	16

2125	Expression of BCL-2 in primary breast cancer and its correlation with tumour phenotype. For the International (Ludwig) Breast Cancer Study Group. 1994 , 5, 409-14	36
2124	Localization of apoptosis (programmed cell death) in mice by administration of lipopolysaccharide. 1994 , 38, 669-71	32
2123	Dual roles of the retinoblastoma protein in cell cycle regulation and neuron differentiation. 1994 , 8, 2008-21	238
2122	Lamina propria macrophages involved in cell death (apoptosis) of enterocytes in the small intestine of rats. 1994 , 57, 267-76	25
2121	Immunohistochemical Localization of Fas Antigen in Paraffin Sections with Rabbit Antibodies Against Human Synthetic Fas Peptides.. 1994 , 27, 459-463	41
2120	An immunohistochemical study of the vascularization of the human Graafian follicle. 1994 , 9, 1401-5	17
2119	Programmed cell death and AIDS: significance of T-cell apoptosis in pathogenic and nonpathogenic primate lentiviral infections. 1994 , 91, 9431-5	214
2118	Deregulated transcription factor E2F-1 expression leads to S-phase entry and p53-mediated apoptosis. 1994 , 91, 10918-22	643
2117	The retinoblastoma protein-binding region of simian virus 40 large T antigen alters cell cycle regulation in lenses of transgenic mice. 1994 , 14, 6743-54	100
2116	Apoptosis in substantia nigra following developmental striatal excitotoxic injury. 1994 , 91, 8117-21	120
2115	Tissue transglutaminase and apoptosis: sense and antisense transfection studies with human neuroblastoma cells. 1994 , 14, 6584-96	253
2114	Type 1/type 2 cytokine modulation of T-cell programmed cell death as a model for human immunodeficiency virus pathogenesis. 1994 , 91, 11811-5	180
2113	Neurons and glial cells of the mouse sciatic nerve undergo apoptosis after injury in vivo and in vitro. 1995 , 6, 1029-32	57
2112	Role of EGR-1 in thapsigargin-inducible apoptosis in the melanoma cell line A375-C6. 1995 , 15, 6262-72	97
2111	An apoptotic defect in lens differentiation caused by human p53 is rescued by a mutant allele. 1995 , 92, 6142-6	70
2110	Activation of a 15-kDa endonuclease in hypoxia/reoxygenation injury without morphologic features of apoptosis. 1995 , 92, 7202-6	90
2109	Transcription factor GATA-1 permits survival and maturation of erythroid precursors by preventing apoptosis. 1995 , 92, 9623-7	264
2108	Programmed cell death in the dysmyelinating mutants. 1995 , 5, 283-8	50

2107	A link between increased transforming activity of lymphoma-derived MYC mutant alleles, their defective regulation by p107, and altered phosphorylation of the c-Myc transactivation domain. 1995 , 15, 4031-42	131
2106	Apoptosis in the degeneration process of unfertilized mouse ova. 1995 , 175, 69-76	54
2105	Simple and Rapid Method for Detection of Apoptotic Cells by Flow Cytometry.. 1995 , 28, 277-280	
2104	Apoptosis in the nervous system: morphological features, methods, pathology, and prevention. 1995 , 58, 139-49	104
2103	The involvement of macrophages and lymphocytes in the apoptosis of enterocytes. 1995 , 58, 151-9	39
2102	Apoptosis and heterophagy of medial edge epithelial cells of the secondary palatine shelves during fusion. 1995 , 58, 191-203	49
2101	The fate of effete epithelial cells at the villus tips of the human small intestine. 1995 , 58, 205-19	90
2100	Apoptosis of mouse pancreatic acinar cells after duct ligation. 1995 , 58, 221-9	29
2099	Multinucleated giant cells undergoing apoptosis in experimental autoimmune myocarditis. 1995 , 58, 231-41	6
2098	Expression of apogens and engulfens during programmed cell death in the nervous system of the chick embryo. 1995 , 58, 243-8	2
2097	The process of apoptosis in follicular epithelial cells in the rabbit ovary, with special reference to involvement by macrophages. 1995 , 58, 257-64	21
2096	Differential staining of DNA strand breaks in dying cells by non-radioactive in situ nick translation. 1995 , 58, 161-70	33
2095	Cloning cell death genes. 1995 , 46, 107-38	5
2094	Programmed cell death during mammary gland involution. 1995 , 46, 355-68	29
2093	Genetic approaches for studying programmed cell death during development of the laboratory mouse. 1995 , 46, 387-440	13
2092	Apoptosis as a Basic Mechanism in the Ovarian Cycle: Follicular Atresia and Luteal Regression. 1995 , 2, 565-573	2
2091	Parathyroid cell proliferation in normal and chronic renal failure rats. The effects of calcium, phosphate, and vitamin D. 1995 , 96, 1786-93	296
2090	Neuronal cell death in scrapie-infected mice is due to apoptosis. 1995 , 5, 213-21	137

2089	Apoptosis in thyroid diseases: a histochemical study. 1995 , 42, 193-201	66
2088	Delayed neuronal death in the CA1 pyramidal cell layer of the gerbil hippocampus following transient ischemia is apoptosis. 1995 , 15, 1001-11	767
2087	Proliferative activity and apoptosis of Langerhans histiocytes in eosinophilic granulomas as evaluated by MIB-1 and TUNEL methods. 1995 , 48, M251-5	7
2086	Chronic progressive myeloneuropathy in WKAH rats induced by HTLV-I infection as an animal model for HAM/TSP in humans. 1995 , 38, 229-37	13
2085	Interstitial myofibroblasts in experimental renal infection and scarring. 1995 , 15, 411-7	71
2084	Apoptosis in viral infections. 1995 , 45, 1-60	153
2083	Preferential expansion and survival of B lymphocytes based on VH framework 1 and framework 3 expression: "positive" selection in appendix of normal and VH-mutant rabbits. 1995 , 92, 6961-5	61
2082	Apoptosis and necrosis: two distinct events induced, respectively, by mild and intense insults with N-methyl-D-aspartate or nitric oxide/superoxide in cortical cell cultures. 1995 , 92, 7162-6	1739
2081	A recombinant bcl-x s adenovirus selectively induces apoptosis in cancer cells but not in normal bone marrow cells. 1995 , 92, 11024-8	122
2080	Tumor type is a determinant of susceptibility to apoptosis. 1995 , 103, 300-7	364
2079	Retinal photoreceptor dystrophies LI. Edward Jackson Memorial Lecture. 1995 , 119, 543-62	181
2078	Programmed cell death and cell transformation in craniofacial development. 1995 , 6, 202-17	58
2077	Fas antigen-mediated apoptosis in human granulosa/luteal cells. 1995 , 52, 279-87	158
2076	Apoptosis identified by DNA fragmentation in epidermal neoplasms. 1995 , 22, 917-20	4
2075	T cell activation deficiencies. 1995 , 76, S163-4	4
2074	Labelling DNA strand breaks with BrdUTP. Detection of apoptosis and cell proliferation. 1995 , 28, 571-9	192
2073	Spatial, temporal and hormonal regulation of programmed muscle cell death during metamorphosis of the frog <i>Xenopus laevis</i> . 1995 , 59, 207-14	73
2072	The control of apoptosis in <i>Drosophila</i> . 1995 , 5, 74-8	31

2071	Apoptosis: a new mechanism of endothelial and Kupffer cell killing. 1995 , 10 Suppl 1, S65-7	17
2070	Cell death in colorectal polyps as evaluated by in situ 3'-tailing reaction and its relationship to BCL-2 expression. 1995 , 45, 721-8	18
2069	Apoptosis in histiocytic necrotizing lymphadenitis. 1995 , 45, 729-34	22
2068	Formalin fixation by boiling: is it suitable for the TUNEL staining?. 1995 , 45, 971-2	9
2067	Antigen retrieval for bcl-2 protein in formalin-fixed, paraffin-embedded sections. 1995 , 45, 103-7	21
2066	Contribution of Epstein-Barr virus to development of malignant lymphoma of the thyroid. 1995 , 45, 366-74	10
2065	Correlation between the number of apoptotic cells and expression of the apoptosis-related antigens Fas, Le(y) and bcl-2 protein in non-Hodgkin's lymphomas. 1995 , 45, 422-9	13
2064	Minigemistocytic astrocytoma with frequent apoptoses: analysis of tumor growth. 1995 , 45, 610-5	4
2063	Apoptotic neurons in brains from paediatric patients with HIV-1 encephalitis and progressive encephalopathy. 1995 , 21, 208-17	189
2062	Collagen gene expression during development of avian synovial joints: transient expression of types II and XI collagen genes in the joint capsule. 1995 , 203, 352-62	77
2061	Simultaneous assessment of cell kinetics and programmed cell death in bone marrow biopsies of myelodysplastics reveals extensive apoptosis as the probable basis for ineffective hematopoiesis. 1995 , 48, 143-54	129
2060	Analysis of cell death and cell proliferation in embryonic stages, normal adult, and aging prostates in human and animals. 1995 , 30, 342-50	13
2059	Apoptosis occurs in the oligodendroglial lineage, and is prevented by basic fibroblast growth factor. 1995 , 40, 306-17	97
2058	Platelet-derived growth factor is a survival factor for PSA-NCAM+ oligodendrocyte pre-progenitor cells. 1995 , 41, 540-51	90
2057	Delay of dimethylbenz[a]anthracene-induced mammary tumorigenesis in transgenic mice by apoptosis induced by an unusual mutant p53 protein. 1995 , 14, 75-83	22
2056	Kit ligand mediates survival of type A spermatogonia and dividing spermatocytes in postnatal mouse testes. 1995 , 42, 303-10	136
2055	Apoptosis and functional Fas antigen in rheumatoid arthritis synoviocytes. 1995 , 38, 485-91	206
2054	Apoptosis of cultured mouse luteal cells induced by tumor necrosis factor-alpha and interferon-gamma. 1995 , 241, 70-6	40

2053	Lipocortin 1 in apoptosis: mammary regression. 1995 , 242, 1-10	44
2052	Programmed cell death in the interdigital tissue of the fetal mouse limb is apoptosis with DNA fragmentation. 1995 , 242, 103-10	105
2051	Cell death, gliosis, and synaptic remodeling in the hippocampus of epileptic rats. 1995 , 26, 413-25	124
2050	Peripheral deletion of autoreactive CD8+ T cells in transgenic mice expressing H-2Kb in the liver. 1995 , 25, 1932-42	119
2049	Local Fas/APO-1 (CD95) ligand-mediated tumor cell killing in vivo. 1995 , 25, 2253-8	191
2048	Mitochondrial perturbations define lymphocytes undergoing apoptotic depletion in vivo. 1995 , 25, 3277-84	141
2047	Bcl-2 expression is associated with lymph node metastasis in human ductal breast carcinoma. 1995 , 60, 54-60	78
2046	MCF-7 human mammary adenocarcinoma cell death in vitro in response to hormone-withdrawal and DNA damage. 1995 , 61, 502-8	46
2045	Cellular death in neuroblastoma: in situ correlation of apoptosis and bcl-2 expression. 1995 , 62, 19-24	54
2044	Sequence specificity on the growth suppression and induction of apoptosis of chronic myeloid leukemia cells by BCR-ABL anti-sense oligodeoxynucleoside phosphorothioates. 1995 , 62, 63-9	16
2043	Adenovirus-mediated gene transfer of wild-type p53 results in melanoma cell apoptosis in vitro and in vivo. 1995 , 63, 673-9	53
2042	Detection of apoptosis-associated DNA fragmentation using a rapid and quantitative filter elution assay. 1995 , 34, 138-144	24
2041	In situ detection of fragmented DNA (TUNEL assay) fails to discriminate among apoptosis, necrosis, and autolytic cell death: a cautionary note. 1995 , 21, 1465-8	881
2040	Cells en route to apoptosis are characterized by the upregulation of c-fos, c-myc, c-jun, cdc2, and RB phosphorylation, resembling events of early cell-cycle traverse. 1995 , 58, 135-50	133
2039	Role of apoptosis in the regulation of virus-induced T cell responses, immune suppression, and memory. 1995 , 59, 135-42	27
2038	Down-regulation of statin, a nonproliferation-specific nuclear protein, and up-regulation of c-myc after initiation of programmed cell death in mouse fibroblasts. 1995 , 163, 155-63	11
2037	Nerve growth factor prevents apoptotic cell death in injured central cholinergic neurons. 1995 , 359, 573-85	49
2036	Cell and molecular analysis of the developing and adult mouse subventricular zone of the cerebral hemispheres. 1995 , 361, 249-66	214

2035	In situ labeling of apoptotic cell death in the cerebral cortex and thalamus of rats during development. 1995 , 363, 281-95	142
2034	Apoptosis of tubular epithelial cells in rats with chronic renal failure. 1995 , 28, 210-212	3
2033	Identification of apoptotic hepatocytes in situ in rat liver after lead nitrate administration. 1995 , 30, 725-30	7
2032	The effects of formalin fixation on the detection of apoptosis in human brain by in situ end-labelling of DNA. 1995 , 27, 983-988	
2031	DNA localization in nuclear fragments of apoptotic ameloblasts using anti-DNA immunoelectron microscopy: programmed cell death of ameloblasts. 1995 , 104, 151-9	46
2030	Microwave irradiation of paraffin-embedded tissue sensitizes the TUNEL method for in situ detection of apoptotic cells. 1995 , 103, 157-60	67
2029	Apoptosis as a mechanism of skin renewal: Le(y)-antigen expression is involved in an early event of a cell's commitment to apoptosis. 1995 , 103, 339-43	16
2028	Localization of deoxyribonuclease I gene transcripts and protein in rat tissues and its correlation with apoptotic cell elimination. 1995 , 103, 369-77	21
2027	Immune deficiency following thermal trauma is associated with apoptotic cell death. 1995 , 15, 318-28	62
2026	Apoptotic process of cerebellar degeneration in experimental methylmercury intoxication of rats. 1996 , 91, 72-7	72
2025	The effects of formalin fixation on the detection of apoptosis in human brain by in situ end-labelling of DNA. 1995 , 27, 983-988	33
2024	Cell death in the olfactory epithelium. 1995 , 192, 77-87	39
2023	Demonstration of apoptosis in neuroblastoma and its relationship to tumour regression. 1995 , 427, 167-73	13
2022	Detection of DNA strand breaks associated with apoptosis in human brain tumors. 1995 , 427, 175-9	30
2021	Cell deletion by apoptosis during regression of rat parotid sialadenosis. 1995 , 427, 181-6	12
2020	Apoptosis and cellular proliferation in oesophageal squamous cell carcinomas: differences between keratinizing and nonkeratinizing types. 1995 , 427, 271-6	37
2019	Correlation of p53 protein expression with apoptotic incidence in colorectal neoplasia. 1995 , 427, 27-32	31
2018	Programmed cell death at the periphery of the pupal wing of the butterfly, <i>Pieris rapae</i> . 1995 , 204, 418-126	17

2017	Morphological analysis of the role of the neural tube and notochord in the development of somites. 1995 , 192, 445-57	16
2016	Cell death in Alzheimer's disease evaluated by DNA fragmentation in situ. 1995 , 89, 35-41	374
2015	Both apoptosis and necrosis occur following intrastriatal administration of excitotoxins. 1995 , 90, 504-10	74
2014	A rat model of HTLV-I infection: development of chronic progressive myeloneuropathy in seropositive WKAH rats and related apoptosis. 1995 , 89, 483-90	24
2013	Programmed cell death and N-acetoxy-2-acetylaminofluorene-induced apoptosis in the rat embryo. 1995 , 51, 418-29	25
2012	Clusterin expression during programmed and teratogen-induced cell death in the postimplantation rat embryo. 1995 , 52, 41-54	19
2011	Glycoconjugates in normal and abnormal secondary neurulation. 1995 , 52, 286-97	7
2010	Demonstration of DNA damage/repair in individual cells using in situ end labelling: association of p53 with sites of DNA damage. 1995 , 176, 19-26	66
2009	Ultrastructural detection of DNA strand breaks in apoptotic neural cells by in situ end-labelling techniques. 1995 , 176, 27-35	99
2008	Role of apoptosis in modulation of the growth of human colorectal tubular and villous adenomas. 1995 , 176, 37-44	58
2007	Association between the apoptotic index and established prognostic parameters in endometrial adenocarcinoma. 1995 , 27, 469-72	30
2006	Apoptosis in gastric carcinomas and its association with cell proliferation and differentiation. 1995 , 86, 743-8	25
2005	Temporal profile of in situ DNA fragmentation after transient middle cerebral artery occlusion in the rat. 1995 , 15, 389-97	435
2004	Differences in DNA fragmentation following transient cerebral or decapitation ischemia in rats. 1995 , 15, 728-37	110
2003	Apoptosis in the repair process of experimental proliferative glomerulonephritis. 1995 , 47, 114-21	107
2002	Rapid DNA fragmentation from hypoxia along the thick ascending limb of rat kidneys. 1995 , 47, 1806-10	96
2001	Expression of Fas antigen and Bcl-2 in human glomerulonephritis. 1995 , 48, 1886-92	53
2000	A subset of p53-deficient embryos exhibit exencephaly. 1995 , 10, 175-80	501

1999	Increased apoptosis and early embryonic lethality in mice nullizygous for the Huntington's disease gene homologue. 1995 , 11, 155-63	625
1998	Dormancy of micrometastases: balanced proliferation and apoptosis in the presence of angiogenesis suppression. 1995 , 1, 149-53	1525
1997	Vascular endothelial growth factor acts as a survival factor for newly formed retinal vessels and has implications for retinopathy of prematurity. 1995 , 1, 1024-8	1322
1996	Soluble antigen can cause enhanced apoptosis of germinal-centre B cells. 1995 , 375, 331-4	283
1995	Antigen-induced B-cell death and elimination during germinal-centre immune responses. 1995 , 375, 334-8	346
1994	Embryonic lethality and liver degeneration in mice lacking the RelA component of NF-kappa B. 1995 , 376, 167-70	1612
1993	Radiation-induced cell cycle arrest compromised by p21 deficiency. 1995 , 377, 552-7	1119
1992	Apoptosis of T cells mediated by galectin-1. 1995 , 378, 736-9	895
1991	DNA fragmentation induced by the antimetabolic drug estramustine in malignant rat glioma but not in normal brain--suggesting an apoptotic cell death. 1995 , 71, 717-20	21
1990	8-Chloro-cAMP induces apoptotic cell death in a human mammary carcinoma cell (MCF-7) line. 1995 , 72, 1151-9	45
1989	The pineal neurohormone melatonin prevents in vivo and in vitro apoptosis in thymocytes. 1995 , 19, 178-88	114
1988	Role of tumor necrosis factor-alpha and glucocorticoid on lipopolysaccharide (LPS)-induced apoptosis of thymocytes. 1995 , 12, 195-204	37
1987	Ultraviolet-B-induced apoptosis of keratinocytes: evidence for partial involvement of tumor necrosis factor-alpha in the formation of sunburn cells. 1995 , 104, 922-7	226
1986	Neurotoxicity of beta-amyloid protein: cytochemical changes and apoptotic cell death investigated in organotypic cultures. 1995 , 22, 370-1	16
1985	NMDA and kainate induce internucleosomal DNA cleavage associated with both apoptotic and necrotic cell death in the neonatal rat brain. 1995 , 7, 1627-40	121
1984	The origin of CD4-CD8-TCR alpha beta+ thymocytes: a model based on T-cell receptor avidity. 1995 , 16, 428-31	40
1983	Apoptosis in Endocrine Glands. 1995 , 6, 257-265	6
1982	In situ end labeling and its applications to the study of endocrine disease: How can we study programmed cell death in surgical pathology materials?. 1995 , 6, 87-89	12

1981	YOPRO-1 permits cytofluorometric analysis of programmed cell death (apoptosis) without interfering with cell viability. 1995 , 185, 249-58	319
1980	Enhanced cellular proliferative activity and cell death in chronic thyroiditis and thyroid papillary carcinoma. 1995 , 121, 746-52	48
1979	Bcl-2 expression and its association with cell kinetics in human gastric carcinomas and intestinal metaplasia. 1995 , 121, 357-63	58
1978	Apoptosis in lactating and involuting mouse mammary tissue demonstrated by nick-end DNA labelling. 1995 , 281, 413-9	67
1977	A histochemical study of apoptosis in the reduced ameloblasts of erupting mouse molars. 1995 , 40, 677-80	48
1976	Temporal profile of nuclear DNA fragmentation in situ in gerbil hippocampus following transient forebrain ischemia. 1995 , 671, 305-8	70
1975	Olfactory experience modulated apoptosis in the developing olfactory bulb. 1995 , 674, 245-51	101
1974	DNA fragmentation indicative of apoptosis following unilateral cerebral hypoxia-ischemia in the neonatal rat. 1995 , 676, 398-403	133
1973	Identification of neuronal programmed cell death in situ in the striatum of normal adult rat brain and its relationship to neuronal death during aging. 1995 , 677, 177-9	49
1972	Cell death induced by beta-amyloid 1-40 in MES 23.5 hybrid clone: the role of nitric oxide and NMDA-gated channel activation leading to apoptosis. 1995 , 686, 49-60	129
1971	DNA fragmentation in granular cells of human cerebellum following global ischemia. 1995 , 697, 247-50	38
1970	Bax-deficient mice with lymphoid hyperplasia and male germ cell death. 1995 , 270, 96-9	1291
1969	Inhibition of apoptosis by the retinoblastoma gene product.. 1995 , 14, 461-472	196
1968	NF-M (chicken C/EBP beta) induces eosinophilic differentiation and apoptosis in a hematopoietic progenitor cell line.. 1995 , 14, 6127-6135	76
1967	Mice deficient for the lysosomal proteinase cathepsin D exhibit progressive atrophy of the intestinal mucosa and profound destruction of lymphoid cells.. 1995 , 14, 3599-3608	321
1966	Persistence of early-generated neurons in the rodent subplate: assessment of cell death in neocortex during the early postnatal period. 1995 , 15, 5014-24	82
1965	Relationship between severity, necrosis, and apoptosis in five models of experimental acute pancreatitis. 1995 , 269, C1295-304	237
1964	Contrasting roles for c-Myc and L-Myc in the regulation of cellular growth and differentiation in vivo.. 1995 , 14, 743-756	40

1963	In-situ quantification of stage-specific apoptosis in the rat seminiferous epithelium: effects of short-term experimental cryptorchidism. 1995 , 18, 256-262	50
1962	Nerve Growth Factor Prevents Both Neuroretinal Programmed Cell Death and Capillary Pathology in Experimental Diabetes. 1995 , 1, 527-534	192
1961	Taxol-Induced Mitotic Block Triggers Rapid Onset of a p53-Independent Apoptotic Pathway. 1995 , 1, 506-526	221
1960	Interferon- β -Induced Oligodendrocyte Cell Death: Implications for the Pathogenesis of Multiple Sclerosis. 1995 , 1, 732-743	264
1959	HLA class II on HIV particles is functional in superantigen presentation to human T cells: implications for HIV pathogenesis. 1995 , 11, 1433-9	60
1958	In situ studies of the germinal center reaction. 1995 , 60, 267-88	116
1957	In situ detection of enterocytic apoptosis in normal colonic mucosa and in familial adenomatous polyposis. 1995 , 37, 819-25	91
1956	Colonic epithelium is diffusely abnormal in ulcerative colitis and colorectal cancer. 1995 , 36, 857-63	35
1955	Programmed cell death by default in embryonic cells, fibroblasts, and cancer cells. 1995 , 6, 1443-58	116
1954	Mutations in Fas associated with human lymphoproliferative syndrome and autoimmunity. 1995 , 268, 1347-9	1079
1953	Requirement for phosphatidylinositol-3 kinase in the prevention of apoptosis by nerve growth factor. 1995 , 267, 2003-6	1181
1952	Identification of male germ cells undergoing apoptosis in adult rats. 1995 , 105, 25-33	136
1951	Novel packages of viral and self-antigens are generated during apoptosis. 1995 , 181, 1557-61	219
1950	Apoptosis in the nervous system: new revelations. 1995 , 48, 7-12	20
1949	A toxicologic pathologist's view of apoptosis or I used to call it necrobiosis, but now I'm singing the apoptosis blues. 1995 , 23, 533-9	22
1948	In situ end-labelling, light microscopic assessment and ultrastructure of apoptosis in lung carcinoma. 1995 , 48, 1017-21	14
1947	Successful ultraviolet B treatment of psoriasis is accompanied by a reversal of keratinocyte pathology and by selective depletion of intraepidermal T cells. 1995 , 182, 2057-68	215
1946	Lens epithelial cell apoptosis appears to be a common cellular basis for non-congenital cataract development in humans and animals. <i>Journal of Cell Biology</i> , 1995 , 130, 169-81	73 311

1945	Cell loss in retinal dystrophies by apoptosis--death by informed consent!. 1995 , 79, 186-90	25
1944	Apoptotic and mitotic indices in malignant melanoma and basal cell carcinoma. 1995 , 48, 242-4	47
1943	Transformation by v-erb-B - induction of apoptosis is abrogated in a myeloid cell-line. 1995 , 6, 633-8	
1942	N-(4-hydroxyphenyl)retinamide induces apoptosis in human leukemia hl-60 cells and mediates vimentin down-regulation. 1995 , 7, 1213-7	
1941	Histochemical demonstration of DNA double strand breaks by in situ 3'-tailing reaction in apoptotic endometrium. 1995 , 70, 33-9	14
1940	In situ evidence for DNA fragmentation in Huntington's disease striatum and Alzheimer's disease temporal lobes. 1995 , 6, 1053-7	312
1939	Suppression of ICE and apoptosis in mammary epithelial cells by extracellular matrix. 1995 , 267, 891-3	1062
1938	Coordinated Activation of Programmed Cell Death and Defense Mechanisms in Transgenic Tobacco Plants Expressing a Bacterial Proton Pump. 1995 , 7, 29	27
1937	Association of tumor necrosis factor-alpha gene expression and apoptotic cell death with regression of Shope papillomas. 1995 , 104, 526-9	20
1936	Ultraviolet B-induced apoptosis of keratinocytes in murine skin is reduced by mild local hyperthermia. 1995 , 104, 62-7	70
1935	Signals and molecular pathways involved in apoptosis, with special emphasis on human endometrium. 1995 , 1, 303-23	47
1934	Programmed cell death in development. 1995 , 163, 105-73	141
1933	Simian virus 40 T antigen-induced amplification of pre-parietal cells in transgenic mice. Effects on other gastric epithelial cell lineages and evidence for a p53-independent apoptotic mechanism that operates in a committed progenitor. 1995 , 270, 15777-88	51
1932	The head involution defective gene of <i>Drosophila melanogaster</i> functions in programmed cell death. 1995 , 9, 1694-708	556
1931	Apoptotic photoreceptor cell death after traumatic retinal detachment in humans. 1995 , 113, 880-6	115
1930	Apoptotic phenotype induced by overexpression of wild-type gas3/PMP22: its relation to the demyelinating peripheral neuropathy CMT1A. 1995 , 9, 1846-56	143
1929	Glucocorticoid and progesterone inhibit involution and programmed cell death in the mouse mammary gland. <i>Journal of Cell Biology</i> , 1995 , 131, 1095-103	7:3 212
1928	Apoptosis overview emphasizing the role of oxidative stress, DNA damage and signal-transduction pathways. 1995 , 19, 43-93	143

1927	Quantitation of apoptotic bodies in rat liver by in situ end labelling (ISEL): correlation with morphology. 1995 , 23, 410-5		20
1926	Lineage-specific induction of B cell apoptosis and altered signal transduction by the phosphotyrosine phosphatase inhibitor bis(maltolato)oxovanadium(IV). 1995 , 270, 20824-31		30
1925	In vivo analysis of cadherin function in the mouse intestinal epithelium: essential roles in adhesion, maintenance of differentiation, and regulation of programmed cell death. <i>Journal of Cell Biology</i> , 1995 , 129, 489-506	7.3	368
1924	BMP-7 is an inducer of nephrogenesis, and is also required for eye development and skeletal patterning. 1995 , 9, 2808-20		786
1923	Role of transforming growth factor beta 1 on hepatic regeneration and apoptosis in liver diseases. 1995 , 48, 1093-7		42
1922	Apoptosis and loss of renal tissue in polycystic kidney diseases. 1995 , 333, 18-25		269
1921	Apoptosis in the central nervous system of developing mouse fetuses from 5-azacytidine-administered dams. 1995 , 23, 367-72		19
1920	Activation of the p21 pathway of growth arrest and apoptosis by the beta 4 integrin cytoplasmic domain. 1995 , 270, 22673-6		95
1919	Peroxyntirite-induced apoptosis in HL-60 cells. 1995 , 270, 16487-90		239
1918	Activation-induced apoptosis in human macrophages: developmental regulation of a novel cell death pathway by macrophage colony-stimulating factor and interferon gamma. 1995 , 181, 127-36		149
1917	Induction of apoptosis in HeLa cells by trans-activation-deficient p53. 1995 , 9, 2170-83		429
1916	Osteogenic differentiation of hypertrophic chondrocytes involves asymmetric cell divisions and apoptosis. <i>Journal of Cell Biology</i> , 1995 , 131, 483-94	7.3	243
1915	Necrosis and apoptosis in the gastrointestinal tract. 1995 , 37, 165-7		53
1914	Irinotecan (CPT-11) and characteristic mucosal changes in the mouse ileum and cecum. 1995 , 87, 1876-83		145
1913	In situ studies of the primary immune response to (4-hydroxy-3-nitrophenyl)acetyl. IV. Affinity-dependent, antigen-driven B cell apoptosis in germinal centers as a mechanism for maintaining self-tolerance. 1995 , 182, 1635-44		205
1912	Growth inhibition of hepatoma cells induced by vitamin K and its analogs. 1995 , 270, 28304-10		97
1911	Defective glia induce neuronal apoptosis in the repo visual system of Drosophila. 1995 , 14, 581-90		97
1910	Cyclosporine-induced apoptosis in CD4+ T lymphocytes and computer-simulated analysis: modeling a treatment scenario for HIV infection. 1995 , 146, 101-8		13

1909	Proliferation and apoptosis in neuroblastoma: subdividing the mitosis-karyorrhexis index. 1995 , 31A, 458-63	22
1908	Time course and morphology of dopaminergic neuronal death caused by the neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. 1995 , 4, 257-69	481
1907	A role for the orphan steroid receptor Nur77 in apoptosis accompanying antigen-induced negative selection. 1995 , 3, 273-82	260
1906	Defective expression of hematopoietic cell protein tyrosine phosphatase (HCP) in lymphoid cells blocks Fas-mediated apoptosis. 1995 , 2, 353-62	114
1905	The role of inducible transcription factors in apoptotic nerve cell death. 1995 , 21, 1-28	160
1904	Colony-stimulating factors regulate programmed cell death of rat microglia/brain macrophages in vitro. 1995 , 63, 55-61	30
1903	Selective neuronal vulnerability in the hippocampus--a role for gene expression?. 1995 , 18, 446-51	86
1902	Receptive-field dynamics in the central visual pathways. 1995 , 18, 451-8	315
1901	Apoptotic DNA fragmentation in the rat cerebral cortex induced by permanent middle cerebral artery occlusion. 1995 , 32, 116-24	138
1900	Clusterin accumulates in dying neurons following status epilepticus. 1995 , 32, 279-90	44
1899	[Apoptosis]. 1995 , 16, 465-6	
1898	Apoptosis in the developing CNS. 1995 , 47, 135-55	103
1897	Characteristics of antitumor activity of 3,4-dihydro-6-[4-(3,4-dimethoxybenzoyl)-1-piperazinyl]-2(1H)-quinolinone (vesnarinone) against a human adenoid squamous carcinoma-forming cell line grown in athymic nude mice. 1995 , 91, 1-9	22
1896	Apoptosis and cell proliferation in human neuroepithelial tumors. 1995 , 195, 81-4	85
1895	Insulin prevents apoptosis of external granular layer neurons in rat cerebellar slice cultures. 1995 , 199, 37-40	66
1894	Apoptotic cell death in the cerebellum of mutant weaver and lurcher mice. 1995 , 200, 109-12	83
1893	Apoptosis as a regulator of cell proliferation in the central posterior/prepacemaker nucleus of adult gymnotiform fish, <i>Apteronotus leptorhynchus</i> . 1995 , 202, 133-6	35
1892	Evidence of internucleosomal DNA fragmentation and identification of dying cells in X-ray-induced cell death in the developing brain. 1995 , 13, 21-8	29

1891	RIP: a novel protein containing a death domain that interacts with Fas/APO-1 (CD95) in yeast and causes cell death. 1995 , 81, 513-23	876
1890	Suprabasal integrin expression in the epidermis of transgenic mice results in developmental defects and a phenotype resembling psoriasis. 1995 , 83, 957-68	274
1889	Bcl-2 oncoprotein expression and apoptosis in neuroblastoma. 1995 , 30, 805-8	33
1888	Gossypol-induced apoptotic DNA fragmentation correlates with inhibited protein kinase C activity in spermatocytes. 1995 , 52, 389-95	29
1887	Flow cytometric determination of apoptosis in heterogeneous cell populations. 1995 , 180, 131-40	20
1886	Differentiation therapy with progesterone antagonists. 1995 , 761, 224-47	12
1885	REVIEW: the integrin alpha V beta 3: angiogenesis and apoptosis. 1995 , 3, 367-74	127
1884	In situ detection of DNA fragmentation after focal cerebral ischemia in mice. 1995 , 28, 164-8	117
1883	Expression of the death-associated gene RP-8 in granule cell neurons undergoing postnatal cell death in the cerebellum of weaver mice. 1995 , 86, 35-47	9
1882	Evidence for calcium regulation of spinal cord motoneuron death in the chick embryo in vivo. 1995 , 86, 167-79	11
1881	High potassium promotes differentiation of retinal neurons but does not favor rod differentiation. 1995 , 89, 103-14	8
1880	Fas ligand-induced apoptosis as a mechanism of immune privilege. 1995 , 270, 1189-92	1770
1879	The end of the (cell) line: methods for the study of apoptosis in vitro. 1995 , 46, 153-85	379
1878	Blockade of glutamate receptors unmasks neuronal apoptosis after oxygen-glucose deprivation in vitro. 1995 , 68, 615-9	237
1877	Temporal pattern of internucleosomal DNA fragmentation in the striatum and hippocampus after transient forebrain ischemia. 1995 , 186, 157-60	33
1876	Detection of DNA damage induced by apoptosis in the rat brain following incomplete ischemia. 1995 , 188, 159-62	32
1875	Upregulation of surface markers on dying thymocytes. 1995 , 181, 649-55	114
1874	Visualization of dystrophic muscle fibers in mdx mouse by vital staining with Evans blue: evidence of apoptosis in dystrophin-deficient muscle. 1995 , 118, 959-64	284

1873	Massive cell death of immature hematopoietic cells and neurons in Bcl-x-deficient mice. 1995 , 267, 1506-10	1021
1872	A brief photochemically induced oxidative insult causes irreversible lens damage and cataract. I. Transparency and epithelial cell layer. 1995 , 60, 471-81	67
1871	Calciomycin-induced lens epithelial cell apoptosis contributes to cataract formation. 1995 , 61, 91-8	62
1870	The Alzheimer's A beta peptide induces neurodegeneration and apoptotic cell death in transgenic mice. 1995 , 9, 21-30	475
1869	Early initiating and promoting effects in 2-AAF-induced rat liver carcinogenesis: an immunohistochemical study. 1995 , 98, 39-46	8
1868	Coordinated Activation of Programmed Cell Death and Defense Mechanisms in Transgenic Tobacco Plants Expressing a Bacterial Proton Pump. 1995 , 7, 29-42	145
1867	In Situ Detection of nDNA Fragmentation during the Differentiation of Tracheary Elements in Higher Plants. 1995 , 108, 489-493	135
1866	Chapter 2 Identification of Dying Cells In Situ Staining. 1995 , 29-39	116
1865	Mechanisms of delayed cell death following hypoxic-ischemic injury in the immature rat: evidence for apoptosis during selective neuronal loss. 1995 , 29, 1-14	316
1864	Apoptosis in substantia nigra following developmental hypoxic-ischemic injury. 1995 , 69, 893-901	62
1863	Base-to-apex gradient of cell proliferation in the chick cochlea following kanamycin-induced hair cell loss. 1995 , 88, 156-68	26
1862	In situ detection of fragmented DNA (tunel assay) fails to discriminate among apoptosis, necrosis, and autolytic cell death: A cautionary note*1. 1995 , 21, 1465-1468	740
1861	Effect of 15-Deoxyspergualin (DSG) on Rat Kidney Allograft: Immunological Mechanisms Implicated in Prolonged Survival. 1995 , 154, 2197-2202	5
1860	Apoptosis in human immunodeficiency virus-associated nephropathy. 1995 , 26, 286-91	49
1859	Parathyroid hormone-related peptide delays terminal differentiation of chondrocytes during endochondral bone development. 1996 , 137, 5109-18	246
1858	Apoptosis induced by beta-N-oxalylamino-L-alanine on a motoneuron hybrid cell line. 1996 , 70, 1039-52	19
1857	Apoptosis in myocytes in end-stage heart failure. 1996 , 335, 1182-9	1196
1856	Naturally occurring neuronal death during the development of the inferior olive in the chick. 1996 , 26, 171-9	10

1855	Analysis of neuronal death in the central nervous system using a new apoptosis model. 1996 , 26, 279-88	1
1854	Apoptosis in the intestine. 1996 , 111, 567-8	18
1853	Apoptosis observed in peripheral T lymphocytes from patients with chronic hepatitis B. 1996 , 111, 156-64	28
1852	The study of ultraviolet B-induced apoptosis in cultured mouse keratinocytes and in mouse skin. 1996 , 12, 18-23	38
1851	Apoptosis of cultured microglia by the deprivation of macrophage colony-stimulating factor. 1996 , 25, 7-15	38
1850	Estrogen and apoptosis in the developing sexually dimorphic preoptic area in female rats. 1996 , 25, 403-7	147
1849	Intestinal intraepithelial lymphocyte responses to glucocorticoid signaling. 1996 , 778, 431-3	3
1848	Smooth muscle cell apoptosis and p53 expression in human abdominal aortic aneurysms. 1996 , 800, 286-7	25
1847	Activation of programmed (apoptotic) cell death for the treatment of prostate cancer. 1996 , 35, 281-306	31
1846	POSTER COMMUNICATIONS. 1996 , 117, 130P-343P	6
1845	Apoptosis: A Functional Paradigm for Programmed Plant Cell Death Induced by a Host-Selective Phytotoxin and Invoked during Development. 1996 , 8, 375-391	428
1844	Apoptosis and metastasis: a superior resistance of metastatic cancer cells to programmed cell death. 1996 , 101, 43-51	98
1843	Morphological detection of cell kinetics and progesterone receptor expression during growth and regression of pregnancy-dependent mammary tumors of GRS/A mice. 1996 , 106, 83-9	4
1842	Apoptosis is induced in the subependyma of young adult rats by ionizing irradiation. 1996 , 208, 163-6	85
1841	Induction of apoptosis and secondary necrosis in rat dorsal root ganglion cell cultures by oxidized low density lipoprotein. 1996 , 209, 33-6	27
1840	Manganese and 1-methyl-4-(2'-ethylphenyl)-1,2,3,6-tetrahydropyridine induce apoptosis in PC12 cells. 1996 , 209, 193-6	54
1839	In situ nick end-labeling detects necrosis of hippocampal pyramidal cells induced by kainic acid. 1996 , 212, 139-42	30
1838	Ultrastructural morphological changes are not characteristic of apoptotic cell death following focal cerebral ischaemia in the rat. 1996 , 213, 111-4	101

1837	Induction and its spread of apoptosis in rat spinal cord after mechanical trauma. 1996 , 216, 9-12	120
1836	Prevention by lamotrigine, MK-801 and N omega-nitro-L-arginine methyl ester of motoneuron cell death after neonatal axotomy. 1996 , 71, 313-25	53
1835	Time course of axotomy-induced apoptotic cell death in facial motoneurons of neonatal wild type and bcl-2 transgenic mice. 1996 , 71, 1111-9	76
1834	Cyclin D1 messenger RNA is induced in microglia rather than neurons following transient forebrain ischaemia. 1996 , 72, 947-58	60
1833	Kainate induces apoptosis in neurons. 1996 , 74, 675-83	60
1832	Anatomical studies of DNA fragmentation in rat brain after systemic kainate administration. 1996 , 74, 541-51	68
1831	Excitotoxic lesion of rat brain with quinolinic acid induces expression of p53 messenger RNA and protein and p53-inducible genes Bax and Gadd-45 in brain areas showing DNA fragmentation. 1996 , 74, 1143-60	100
1830	Axonal outgrowth and neuronal apoptosis in cultured adult mouse dorsal root ganglion preparations: effects of neurotrophins, of inhibition of neurotrophin actions and of prior axotomy. 1996 , 75, 1165-74	57
1829	Kainic acid induces apoptosis in neurons. 1996 , 75, 1047-55	79
1828	In vitro induction of apoptosis of developing brain cells by 5-azacytidine. 1996 , 14, 11-7	15
1827	Exposure of postnatal rats to glucocorticoids suppresses the development of choline acetyltransferase-immunoreactive neurons: role of adrenal steroids in the development of forebrain cholinergic neurons. 1996 , 10, 1-10	12
1826	Microglia: a sensor to threats in the nervous system?. 1996 , 147, 79-88	50
1825	[Cerebral ischemia: is cell death a type of apoptosis?]. 1996 , 3 Suppl 1, 245s-247s	2
1824	Transfection of wild-type TP53 induces differentiation in human gingival carcinoma cells. 1996 , 32A, 533-9	4
1823	DNA fragmentation and BCL-2 expression in infantile spinal muscular atrophy. 1996 , 6, 265-73	50
1822	Patterns of synaptic and nerve cell pathology in Alzheimer's disease. 1996 , 78, 9-14	22
1821	Change of calretinin expression in the human colon adenocarcinoma cell line HT29 after differentiation. 1996 , 1313, 201-8	11
1820	Selective c-Jun overexpression is associated with ionizing radiation-induced apoptosis in the developing cerebellum of the rat. 1996 , 38, 91-100	43

1819	Induction of clusterin in the immature brain following a hypoxic-ischemic injury. 1996 , 39, 137-52	37
1818	Gonadotropin-releasing hormone agonist therapy induces apoptosis in uterine leiomyoma. 1996 , 68, 169-73	25
1817	Calcitonin promotes osteoclast survival in vitro. 1996 , 122, 119-29	57
1816	Opposite effects of TGF-beta 1 on rapidly- and slowly-triggered excitotoxic injury. 1996 , 35, 249-56	33
1815	Apoptosis--the cell's silent exit. 1996 , 59, 369-78	45
1814	Marked diversity in the action of growth factors on N-methyl-D-aspartate-induced neuronal degeneration. 1996 , 306, 81-8	34
1813	Apoptosis is triggered by the cyclic AMP signalling pathway in renal mesangial cells. 1996 , 382, 271-5	29
1812	Co-ordinated downregulation of bcl-2 and bax expression during granulocytic and macrophage-like differentiation of the HL60 promyelocytic leukaemia cell line. 1996 , 394, 356-60	23
1811	Nerve growth factor rescues pigment cells from ultraviolet-induced apoptosis by upregulating BCL-2 levels. 1996 , 224, 335-43	113
1810	FGF-2 inhibits apoptosis in human teratocarcinoma cells during differentiation on collagen substratum. 1996 , 228, 306-12	7
1809	Epithelial injury induces keratocyte apoptosis: hypothesized role for the interleukin-1 system in the modulation of corneal tissue organization and wound healing. 1996 , 62, 325-7	460
1808	Axotomy-induced apoptotic cell death of neonatal rat facial motoneurons: time course analysis and relation to NADPH-diaphorase activity. 1996 , 138, 33-44	87
1807	Morphological analysis of the early development of the chick neural tube separated from the floor plate and notochord. 1996 , 139, 317-21	3
1806	Exacerbation of apoptosis in the dentate gyrus of the aged rat by dexamethasone and the protective role of corticosterone. 1996 , 140, 43-52	143
1805	Prevention of dopamine-induced cell death by thiol antioxidants: possible implications for treatment of Parkinson's disease. 1996 , 141, 32-9	189
1804	Programmed cell death in the pathogenesis of murine IDDM: resistance to apoptosis induced in lymphocytes by cyclophosphamide. 1996 , 9, 271-6	39
1803	Castration increases cell damage induced by porphyrins in the Harderian gland of male Syrian hamster. Necrosis and not apoptosis mediates the subsequent cell death. 1996 , 116, 377-89	14
1802	The germinal center: a crucible for lymphocyte selection. 1996 , 8, 179-84	130

1801	The SCID-hu mouse: an in-vivo model for HIV-1 pathogenesis and stem cell gene therapy for AIDS. 1996 , 8, 215-21	25
1800	Nitric oxide donor SNAP induces apoptosis in smooth muscle cells through cGMP-independent mechanism. 1996 , 221, 163-8	91
1799	Apoptosis in vascular smooth muscle cells: role of cell shrinkage. 1996 , 221, 708-15	64
1798	Increased intestinal Bak expression results in apoptosis. 1996 , 223, 199-203	61
1797	Immunocytochemical colocalization of clusterin in apoptotic photoreceptor cells in retinal degeneration slow rds mutant mouse retinas. 1996 , 225, 84-91	22
1796	Peroxyntirite cytotoxicity on bovine retinal pigmented epithelial cells in culture. 1996 , 226, 842-9	48
1795	Mechanisms of photoreceptor death in retinal degenerations. From the cell biology of the 1990s to the ophthalmology of the 21st century?. 1996 , 114, 79-83	64
1794	Time course of radiation-induced apoptosis in the adult rat spinal cord. 1996 , 39, 35-42	58
1793	Forced expression of E-cadherin in the mouse intestinal epithelium slows cell migration and provides evidence for nonautonomous regulation of cell fate in a self-renewing system. 1996 , 10, 985-96	184
1792	Histochemical detection of apoptosis in Parkinson's disease. 1996 , 137, 120-3	414
1791	MyoD is required for myogenic stem cell function in adult skeletal muscle. 1996 , 10, 1173-83	519
1790	Telencephalic transplants in mice: characterization of growth and differentiation patterns. 1996 , 22, 108-117	19
1789	Expression of antigens related to apoptosis and cell proliferation in chronic nonsuppurative destructive cholangitis in primary biliary cirrhosis. 1996 , 429, 119-29	44
1788	Ultrastructural and cytochemical identification of apoptotic cell death accompanying development of the fetal rat olfactory nerve layer. 1996 , 194, 99-109	7
1787	In situ detection of DNA fragmentation and expression of bcl-2 in human neuroblastoma: relation to apoptosis and spontaneous regression. 1996 , 31, 251-7	35
1786	Apoptosis in renal cell carcinoma: detection by in situ end-labeling of fragmented DNA and correlation with other prognostic factors. 1996 , 27, 1012-7	28
1785	Apoptotic versus proliferative activities in human benign prostatic hyperplasia. 1996 , 27, 668-75	159
1784	Microglia: a pictorial. 1996 , 31, 1-89	5

1783	Inactivation of the HR6B ubiquitin-conjugating DNA repair enzyme in mice causes male sterility associated with chromatin modification. 1996 , 86, 799-810	358
1782	Enhanced growth of mice lacking the cyclin-dependent kinase inhibitor function of p27(Kip1). 1996 , 85, 721-32	1121
1781	E2F-1 functions in mice to promote apoptosis and suppress proliferation. 1996 , 85, 549-61	695
1780	The tumor suppressor gene Brca1 is required for embryonic cellular proliferation in the mouse. 1996 , 85, 1009-23	574
1779	Pdd1p, a novel chromodomain-containing protein, links heterochromatin assembly and DNA elimination in Tetrahymena. 1996 , 87, 75-84	153
1778	Absence epilepsy in tottering mutant mice is associated with calcium channel defects. 1996 , 87, 607-17	665
1777	Glucose loading induces DNA fragmentation in rat proximal tubular cells. 1996 , 45, 1348-53	39
1776	Flupirtine increases the levels of glutathione and Bcl-2 in hNT (human Ntera/D1) neurons: mode of action of the drug-mediated anti-apoptotic effect. 1996 , 317, 157-64	28
1775	Induction of apoptosis in myocardial infarction and its possible relationship to nitric oxide synthase in macrophages. 1996 , 28, 89-97	43
1774	Nutrition and apoptosis. 1996 , 16, 1959-1987	19
1773	Apoptosis of pregnancy-dependent mammary tumor and transplantable pregnancy-dependent mammary tumor in mice. 1996 , 110, 113-21	7
1772	Global ischemia induces apoptosis-associated genes in hippocampus. 1996 , 42, 79-88	121
1771	Medial septal cholinergic neurons express c-Jun but do not undergo DNA fragmentation after fornix-fimbria transections. 1996 , 43, 1-12	32
1770	Apoptosis is the mode of keratinocyte death in cutaneous graft-versus-host disease. 1996 , 35, 187-90	39
1769	Programmed cell death in rat microglia is controlled by extracellular adenosine. 1996 , 218, 91-4	36
1768	Apoptosis: pathophysiology of programmed cell death. 1996 , 192, 676-83	52
1767	Apoptotic features of selective neuronal death in ischemia, epilepsy and gp 120 toxicity. 1996 , 19, 109-14	170
1766	Transient induction of apoptosis in serum-starved glioma cells by insulin and IGF-1. 1996 , 1314, 83-92	11

1765	Ischemia-induced neuronal apoptosis. 1996 , 6, 667-72	508
1764	Mechanisms of cerebral ischemia: intracellular cascades and therapeutic interventions. 1996 , 10, 139-46	39
1763	CD95-induced apoptosis of lymphocytes in an immune privileged site induces immunological tolerance. 1996 , 5, 7-16	337
1762	Life and death in germinal centers (redux). 1996 , 4, 107-11	297
1761	Lack of neurotrophin-3 results in death of spinal sensory neurons and premature differentiation of their precursors. 1996 , 17, 1065-78	207
1760	Quantification of 3'OH DNA breaks by random oligonucleotide-primed synthesis (ROPS) assay. 1996 , 15, 255-62	51
1759	Cell killing by the Drosophila gene reaper. 1996 , 271, 805-7	339
1758	G protein-mediated neuronal DNA fragmentation induced by familial Alzheimer's disease-associated mutants of APP. 1996 , 272, 1349-52	218
1757	Prevention of islet allograft rejection with engineered myoblasts expressing FasL in mice. 1996 , 273, 109-12	418
1756	Melanoma cell expression of Fas(Apo-1/CD95) ligand: implications for tumor immune escape. 1996 , 274, 1363-6	1098
1755	Participation of presenilin 2 in apoptosis: enhanced basal activity conferred by an Alzheimer mutation. 1996 , 274, 1710-3	419
1754	Survival of cholinergic forebrain neurons in developing p75NGFR-deficient mice. 1996 , 274, 1729-32	201
1753	Changes in levels of mRNAs of transforming growth factor (TGF)-beta1, -beta2, -beta3, TGF-beta type II receptor and sulfated glycoprotein-2 during apoptosis of mouse uterine epithelium. 1996 , 59, 367-75	21
1752	Arterial remodeling: relation to hemodynamics. 1996 , 74, 834-841	213
1751	En bloc transfer of extracellular matrix in vitro. 1996 , 15, 991-7	19
1750	Effects of ultraviolet light in vascular cells in vitro and in intact atherosclerotic explants: potential role of apoptosis in vascular biology. 1996 , 74, 333-45	17
1749	Apoptosis in ocular disease: a molecular overview. 1996 , 17, 145-65	76
1748	Expression of V642 APP mutant causes cellular apoptosis as Alzheimer trait-linked phenotype.. 1996 , 15, 498-509	84

1747	Cross-linking of T-cell receptors on double-positive thymocytes induces a cytokine-mediated stromal activation process linked to cell death.. 1996 , 15, 5876-5887	36
1746	Neurovirulent Simian Immunodeficiency Virus Infection Induces Neuronal, Endothelial, and Glial Apoptosis. 1996 , 2, 417-428	59
1745	Characterization and Hormonal Regulation of Granulosa Cell-Derived Insulin-Like Growth Factor Binding Protein-4. 1996 , 3, 145-151	3
1744	Role of Ced-3/ICE-family proteases in staurosporine-induced programmed cell death. <i>Journal of Cell Biology</i> , 1996 , 133, 1041-51	7-3 348
1743	gp120-induced neurotoxicity in hippocampal pyramidal neuron cultures: protective action of TGF-beta1. 1996 , 16, 4080-8	188
1742	TGF-beta-induced apoptosis of cerebellar granule neurons is prevented by depolarization. 1996 , 16, 4174-85	77
1741	Contrary effects of lightly and strongly oxidized LDL with potent promotion of growth versus apoptosis on arterial smooth muscle cells, macrophages, and fibroblasts. 1996 , 16, 416-24	155
1740	Induction of the WAF1/CIP1 protein and apoptosis in human T-cell leukemia virus type I-transformed lymphocytes after treatment with adriamycin by using a p53-independent pathway. 1996 , 93, 265-8	77
1739	Treatment of a human breast cancer xenograft with an adenovirus vector containing an interferon gene results in rapid regression due to viral oncolysis and gene therapy. 1996 , 93, 4513-8	78
1738	Cross talk between cell death and cell cycle progression: BCL-2 regulates NFAT-mediated activation. 1996 , 93, 9545-52	303
1737	Protection of retinal ganglion cells from natural and axotomy-induced cell death in neonatal transgenic mice overexpressing bcl-2. 1996 , 16, 4186-94	211
1736	Anti-apoptotic activity of low levels of wild-type p53.. 1996 , 15, 4566-4573	81
1735	Increased sensitivity to apoptotic stimuli in c-abl-deficient progenitor B-cell lines. 1996 , 93, 13131-6	26
1734	Intracerebral injection of human immunodeficiency virus type 1 coat protein gp120 differentially affects the expression of nerve growth factor and nitric oxide synthase in the hippocampus of rat. 1996 , 93, 928-33	58
1733	The ATP binding cassette transporter ABC1, is required for the engulfment of corpses generated by apoptotic cell death.. 1996 , 15, 226-235	215
1732	Cell type-specific inhibition of p53-mediated apoptosis by mdm2.. 1996 , 15, 1596-1606	151
1731	Oncogenic potential of the adenovirus E4orf6 protein. 1996 , 93, 11295-301	135
1730	Melanoma angiogenesis and metastasis modulated by ribozyme targeting of the secreted growth factor pleiotrophin. 1996 , 93, 14753-8	140

1729	Tumor suppression and apoptosis of human prostate carcinoma mediated by a genetic locus within human chromosome 10pter-q11. 1996 , 93, 2551-6	22
1728	Injury models of the vascular endothelium: apoptosis and loss of thromboresistance induced by a viral protein. 1996 , 26 Suppl 4, 37-45	2
1727	Exogenous nucleotides alter the proliferation, differentiation and apoptosis of human small intestinal epithelium. 1996 , 126, 424-33	45
1726	Schwann cell apoptosis during normal development and after axonal degeneration induced by neurotoxins in the chick embryo. 1996 , 16, 3979-90	65
1725	A novel type of programmed neuronal death in the cervical spinal cord of the chick embryo. 1996 , 16, 3685-703	86
1724	Axonal interactions regulate Schwann cell apoptosis in developing peripheral nerve: neuregulin receptors and the role of neuregulins. 1996 , 16, 6107-18	278
1723	Subtypes of active cell death in the granulosa of ovarian atretic follicles in the quail (<i>Coturnix coturnix japonica</i>). 1996 , 36, 175-89	33
1722	Neuron death in the substantia nigra of weaver mouse occurs late in development and is not apoptotic. 1996 , 16, 6134-45	54
1721	Follicular Atresia as an Apoptotic Process: Atresia-Associated Increase in the Ovarian Expression of the Putative Apoptotic Marker Sulfated Glycoprotein-2. 1996 , 3, 199-208	5
1720	Differential effects of staphylococcal toxic shock syndrome toxin-1 on B cell apoptosis. 1996 , 93, 5425-30	43
1719	Induction of "tissue" transglutaminase in HIV pathogenesis: evidence for high rate of apoptosis of CD4+ T lymphocytes and accessory cells in lymphoid tissues. 1996 , 93, 11057-62	111
1718	Differential survival of Cajal-Retzius cells in organotypic cultures of hippocampus and neocortex. 1996 , 16, 6896-907	116
1717	Thy-1 antigen mediates apoptosis of rat glomerular cells in vitro and in vivo. 1996 , 73, 293-8	21
1716	Translational control of programmed cell death: eukaryotic translation initiation factor 4E blocks apoptosis in growth-factor-restricted fibroblasts with physiologically expressed or deregulated Myc. 1996 , 16, 6573-81	150
1715	A mutation in mouse rad51 results in an early embryonic lethal that is suppressed by a mutation in p53. 1996 , 16, 7133-43	623
1714	Neuronal Homeostasis in Mammalian Olfactory Epithelium: A Review. 1996 , 10, 125-134	11
1713	A comparative study of apoptosis and cell proliferation in infantile and adult fibrosarcomas. 1996 , 106, 493-7	17
1712	bcl-2 expression, p53 accumulation, and apoptosis in ovarian carcinomas. 1996 , 105, 341-9	121

1711	Suppressed apoptotic induction in esophageal squamous cell carcinomas expressing extensive p53 protein. 1996 , 26, 398-404	17
1710	mdm-2 inhibits the G1 arrest and apoptosis functions of the p53 tumor suppressor protein. 1996 , 16, 2445-52	318
1709	Protective Role of the Epithelium of the Small Intestine and Colon. 1996 , 2, 279-302	19
1708	The role of butyrate in human colonic epithelial cells: an energy source or inducer of differentiation and apoptosis?. 1996 , 55, 937-43	97
1707	Apoptosis in Plants. 1996 , 109, 268-277	66
1706	Induction of apoptosis by human Nbk/Bik, a BH3-containing protein that interacts with E1B 19K. 1996 , 16, 5857-64	171
1705	Estrogen-induced apoptosis by inhibition of the erythroid transcription factor GATA-1. 1996 , 16, 1687-94	98
1704	Induction of apoptosis by c-Fos protein. 1996 , 16, 211-8	193
1703	The molecular biology of apoptosis. 1996 , 93, 2239-44	819
1702	Antiangiogenic therapy of transgenic mice impairs de novo tumor growth. 1996 , 93, 2002-7	266
1701	Macrophage killing is an essential virulence mechanism of Salmonella typhimurium. 1996 , 93, 4197-201	207
1700	POU domain factor Brn-3b is required for the development of a large set of retinal ganglion cells. 1996 , 93, 3920-5	284
1699	Apoptosis with DNA Fragmentation in Bowen's Disease and Squamous Cell Carcinoma.. 1996 , 29, 261-263	1
1698	Insulin-like growth factor-II is an autocrine survival factor for differentiating myoblasts. 1996 , 271, 11330-8	156
1697	Intravenous injection of soluble antigen induces thymic and peripheral T-cells apoptosis. 1996 , 93, 3031-6	175
1696	Salmonella typhimurium invasion induces apoptosis in infected macrophages. 1996 , 93, 9833-8	496
1695	The cytoskeleton of the intestinal epithelium: Components, assembly, and dynamic rearrangements. 1996 , 3, 359-404	5
1694	Modulation of vinblastine cytotoxicity by dilantin (phenytoin) or the protein phosphatase inhibitor okadaic acid involves the potentiation of anti-mitotic effects and induction of apoptosis in human tumour cells. 1996 , 73, 183-8	28

1693	Chapter 26. Regulation of Apoptosis by Members of the ICE Family and the Bcl-2 Family. 1996 , 249-268	8
1692	Assay for detection of nitric oxide-induced apoptosis. 1996 , 269, 426-34	7
1691	Chapter 24 The subependymal zone: Brain marrow 1996 , 108, 349-363	30
1690	Apoptosis of nur77/N10-transgenic thymocytes involves the Fas/Fas ligand pathway. 1996 , 93, 5533-8	117
1689	Apoptosis During Diploid Parthenogenesis and Early Somatic Embryogenesis of Norway Spruce. 1996 , 157, 8-16	55
1688	pRb controls proliferation, differentiation, and death of skeletal muscle cells and other lineages during embryogenesis. 1996 , 10, 3051-64	247
1687	Comparative study of classical, colorimetric and immunologic staining methods for the assessment of tumor cell viability. 1996 , 17, 354-61	17
1686	Activated Ras signals differentiation and expansion of CD4+8+ thymocytes. 1996 , 93, 4683-7	122
1685	Arachidonate lipoxygenases as essential regulators of cell survival and apoptosis. 1996 , 93, 5241-6	298
1684	Constitutive overexpression of Cu/Zn superoxide dismutase exacerbates kainic acid-induced apoptosis of transgenic-Cu/Zn superoxide dismutase neurons. 1996 , 93, 8530-5	102
1683	Activation of the human homologue of the Drosophila sina gene in apoptosis and tumor suppression. 1996 , 93, 9039-42	92
1682	Cell death in the Schwann cell lineage and its regulation by neuregulin. 1996 , 93, 9229-34	205
1681	Selective expression of the immediate early gene c-jun in axotomized rat medial septal neurons is not related to neuronal degeneration. 1996 , 16, 1894-903	41
1680	Genes mediating programmed cell death: an immunohistochemical study of bcl-2, c-myc and p53 expression in colorectal neoplasia. 1996 , 49, M151-8	13
1679	Correlation between apoptosis, proliferation and bcl-2 expression in malignant non-Hodgkin's lymphoma. 1996 , 49, M268-72	10
1678	Lymphocytes, cytokines and adhesion molecules in chronic graft versus host disease. 1996 , 49, M225-31	1
1677	Simple method for pretreatment of tissue sections for the detection of apoptosis by in situ end-labelling and in situ nick translation. 1996 , 49, M273-7	4
1676	DNA damage and apoptosis in Alzheimer's disease: colocalization with c-Jun immunoreactivity, relationship to brain area, and effect of postmortem delay. 1996 , 16, 1710-9	364

1675	Helicobacter pylori lipopolysaccharide induces gastric epithelial cells apoptosis. 1996 , 40, 597-602	6
1674	Abnormalities of epithelial apoptosis in multistep colorectal neoplasia demonstrated by terminal deoxyuridine nick end labeling. 1996 , 41, 2238-47	39
1673	Apoptosis of colon cancer: comparison with Ki-67 proliferative activity and expression of p53. 1996 , 122, 166-70	40
1672	Apoptosis and Expression of the Proto-Oncogenes bcl-2 and p53 and the Proliferation Factor Ki-67 in Human Medullary Thyroid Carcinoma. 1996 , 7, 37-45	11
1671	Pathomechanism of cerebral hypoplasia in experimental toxoplasmosis in murine fetuses. 1996 , 44, 37-50	5
1670	Lens epithelial cell apoptosis is an early event in the development of UVB-induced cataract. 1996 , 20, 301-11	128
1669	Susceptibility of hepatocytes to cell death induced by single administration of cycloheximide in young and old F344 rats. Effect of dietary restriction. 1996 , 357, 225-30	9
1668	In vitro models for studying colorectal carcinogenesis: cellular and molecular events including APC and Rb cleavage in the control of proliferation, differentiation and apoptosis. 1996 , 1288, F9-19	5
1667	The important prognostic value of Ki-67 expression as determined by image analysis in breast cancer. 1996 , 122, 687-92	47
1666	The p53 gene is a potent determinant of chemosensitivity and radiosensitivity in gastric and colorectal cancers. 1996 , 122, 360-5	95
1665	Apoptosis correlates with immune activation in intestinal lymphoid tissue from macaques acutely infected by a highly enteropathic simian immunodeficiency virus, SIVsmmPBj14. 1996 , 225, 21-32	25
1664	Curable and non-curable malignancies: lessons from paediatric cancer. 1996 , 13, 15-21	9
1663	The microglial reaction in spinal cords of jimpy mice is related to apoptotic oligodendrocytes. 1996 , 712, 134-42	40
1662	Immunohistochemical detection of Bax and Bcl-2 proteins in gerbil hippocampus following transient forebrain ischemia. 1996 , 711, 249-53	89
1661	The temporal evolution of neuronal damage from pilocarpine-induced status epilepticus. 1996 , 725, 11-22	220
1660	The role of apoptosis in sexual differentiation of the rat sexually dimorphic nucleus of the preoptic area. 1996 , 734, 10-18	268
1659	Expression of hsp70 mRNA is induced in the brain of transgenic mice overexpressing human CuZn-superoxide dismutase following transient global cerebral ischemia. 1996 , 737, 321-6	26
1658	Programmed cell death in brains of HIV-1-positive AIDS and pre-AIDS patients. 1996 , 91, 169-73	60

1657	Apoptosis in the aged dog brain. 1996 , 92, 242-8	55
1656	Spatiotemporal relationship of apoptotic cell death to lymphomonocytic infiltration in photochemically induced focal ischemia of the rat cerebral cortex. 1996 , 92, 255-63	49
1655	Preferential expression of Fas/APO1 (CD95) and apoptotic cell death in perinecrotic cells of glioblastoma multiforme. 1996 , 92, 431-4	53
1654	Regulation of differentiation and keratin 10 expression by all-trans retinoic acid during the estrous cycle in the rat vaginal epithelium. 1996 , 284, 373-81	15
1653	Apoptosis in mouse taste buds after denervation. 1996 , 286, 55-62	41
1652	Withdrawal of butyrate from the colonic mucosa triggers "mass apoptosis" primarily in the G0/G1 phase of the cell cycle. 1996 , 286, 81-92	47
1651	Estrogenic control of preoptic area development in a carnivore, the ferret. 1996 , 16, 117-28	10
1650	Transient expression of neuropeptide Y (NPY) immunoreactivity in the developing hamster paraventricular thalamic area is due to apoptosis. 1996 , 16, 649-59	3
1649	Involvement of the TNF- β system and the Fas system in the induction of apoptosis of mouse mammary glands after weaning. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1996 , 1, 201-208	5.4 6
1648	Induction of apoptotic cell death in rat thymus and spleen after a bolus injection of methamphetamine. 1996 , 109, 23-8	42
1647	Cyclophosphamide-induced apoptosis induces phocomelia in the mouse. 1996 , 70, 672-7	7
1646	Apoptosis in the reduced enamel epithelium just after tooth emergence in rats. 1996 , 29, 84-89	10
1645	Ultrastructural identification of apoptotic nuclei using the TUNEL technique. 1996 , 28, 275-81	45
1644	Neurodegeneration in Alzheimer disease. Is apoptosis involved?. 1996 , 28, 153-62	28
1643	Applications of immunogold and lectin-gold labeling in tumor research and diagnosis. 1996 , 106, 131-48	25
1642	Distribution of deoxyribonuclease I (DNase I) and p53 in rat testis and their correlation with apoptosis. 1996 , 106, 383-93	38
1641	Apoptosis identified with DNA fragmentation in basal cell carcinomas. 1996 , 288, 258-61	5
1640	Upregulated expression of Fas antigen on cultured human keratinocytes with induction of apoptosis by cisplatin. 1996 , 288, 267-9	8

1639	Correlations between mental state and quantitative neuropathology in the Vienna Longitudinal Study on Dementia. 1996 , 246, 137-46	91
1638	Apoptotic cell death of photoreceptor cells in mice deficient for the adhesion molecule on glia (AMOG, the beta 2- subunit of the Na, K-ATPase). 1996 , 25, 243-55	32
1637	Apoptosis of colon cancers assessed by in situ DNA nick end-labeling method. 1996 , 46, 33-7	20
1636	Expression of apoptosis, proliferating cell nuclear antigen, and apoptosis-related antigens (bcl-2, c-myc, Fas, Lewis(y) and p53) in human cholangiocarcinomas and hepatocellular carcinomas. 1996 , 46, 764-70	48
1635	Pigmentary degeneration induced by N-methyl-N-nitrosourea and the fate of pigment epithelial cells in the rat retina. 1996 , 46, 874-82	31
1634	Cell renewal and functional morphology of human lactating breast: presentation of a new mode of cell death ('magentosis') characterized by nuclear periodic acid-Schiff reactivity. 1996 , 46, 105-21	8
1633	'Magentosis' in human lactating breast: a mode of cell death accumulating single-stranded DNA stretches or breaks. 1996 , 46, 122-9	3
1632	Cell death in the normal developing brain, and following ionizing radiation, methyl-azoxymethanol acetate, and hypoxia-ischaemia in the rat. 1996 , 22, 489-94	23
1631	Antifollicular cell-mediated and humoral immunity in canine alopecia areata. 1996 , 7, 67-79	20
1630	Differential effects of retinoic acid and N-(4-hydroxyphenyl)retinamide on head and neck squamous cell carcinoma cells. 1996 , 106, 1471-5	15
1629	Immortal, non-tumourigenic mouse mammary outgrowths express high levels of cyclin B1 and activation of cyclin B1/cdc2 kinase. 1996 , 29, 623-39	8
1628	Effect of systemic zinc administration on delayed neuronal death in the gerbil hippocampus. 1996 , 743, 362-5	67
1627	The myelodysplastic syndromes in 1996: complex stem cell disorders confounded by dual actions of cytokines. 1996 , 20, 881-90	37
1626	Development of intestinal cell culture models for drug transport and metabolism studies. 1996 , 22, 3-52	51
1625	Apoptosis and gastrointestinal pharmacology. 1996 , 72, 149-69	60
1624	Apoptosis and cancer risk assessment. 1996 , 365, 71-90	44
1623	Fate of DNA from retinal cells dying during development: uptake by microglia and macroglia (Müller cells). 1996 , 97, 1-8	86
1622	Apoptosis in the cerebellum of adult teleost fish, <i>Apteronotus leptorhynchus</i> . 1996 , 97, 279-86	59

1621	A transient phase of cell death in the developing medial forebrain of the perinatal ferret. 1996 , 94, 159-165	5
1620	itfalls in the Evaluation of Apoptosis sing TUNEL. 1996 , 6, 347-347	9
1619	Reply. 1996 , 6, 347-348	10
1618	Apoptosis is an early event during phthalocyanine photodynamic therapy-induced ablation of chemically induced squamous papillomas in mouse skin. 1996 , 63, 547-52	53
1617	Detection of apoptotic cells and expression of Ki-67 antigen, Bcl-2, p53 oncoproteins in human parathyroid adenoma. 1996 , 104, 789-96	33
1616	Nuclear DNA fragmentation during postnatal tooth development of mouse and hamster and during dentin repair in the rat. 1996 , 104, 102-11	50
1615	Apoptosis in human and rat dental pulp. 1996 , 104, 547-53	52
1614	Liver apoptosis after dimethylnitrosamine administration in shrews. 1996 , 48, 307-11	9
1613	Teratogen-induced eye defects mediated by p53-dependent apoptosis. 1996 , 6, 60-9	64
1612	Antibody-targeted superantigen therapy induces tumor-infiltrating lymphocytes, excessive cytokine production, and apoptosis in human colon carcinoma. 1996 , 26, 1-9	63
1611	The phenotype and fate of the antibody-forming cells of the splenic foci. 1996 , 26, 444-8	283
1610	Death of germinal center B cells without DNA fragmentation. 1996 , 26, 1211-6	28
1609	Expression and function of the Fas receptor on human blood and tissue eosinophils. 1996 , 26, 1775-80	74
1608	Transgene-encoded human CD2 acts in a dominant negative fashion to modify thymocyte selection signals in mice. 1996 , 26, 2952-63	22
1607	Cytotoxic reactivity of gut lamina propria CD4+ alpha beta T cells in SCID mice with colitis. 1996 , 26, 3074-83	39
1606	Protective role of the epithelium of the small intestine and colon. 1996 , 2, 279-302	24
1605	Clinical development plan: Sulindac sulfone. 1996 , 63, 227-235	
1604	Cyclosporine induces neuronal apoptosis and selective oligodendrocyte death in cortical cultures. 1996 , 40, 750-8	119

1603	Low frequency of apoptosis in Epstein-Barr virus-associated gastric carcinoma with lymphoid stroma. 1996 , 68, 710-5	36
1602	Significance of spontaneous apoptosis during colorectal tumorigenesis. 1996 , 62, 97-108	30
1601	Apoptosis and necrosis induced in different hippocampal neuron populations by repetitive perforant path stimulation in the rat. 1996 , 366, 516-33	170
1600	Postembryonic development of the cerebellum in gymnotiform fish. 1996 , 370, 443-64	85
1599	Apparent apoptotic cell death in the olfactory epithelium of adult rodents: death occurs at different developmental stages. 1996 , 372, 457-64	44
1598	Detection of jun but not fos protein during developmental cell death in sympathetic neurons. 1996 , 372, 544-50	21
1597	Supporting cells as phagocytes in the olfactory epithelium after bulbectomy. 1996 , 376, 509-17	82
1596	In situ analysis of tissue dynamics and p53 expression in human gastric mucosa. 1996 , 179, 39-42	27
1595	Apoptosis in human monocyte-macrophages exposed to oxidized low density lipoprotein. 1996 , 179, 294-302	122
1594	High frequency of apoptosis in infantile capillary haemangioma. 1996 , 179, 403-8	34
1593	Apoptosis of crypt epithelial cells in ulcerative colitis. 1996 , 180, 152-9	215
1592	Foam cell apoptosis and the development of the lipid core of human atherosclerosis. 1996 , 180, 423-9	106
1591	Morphological and biochemical evidence for apoptosis in the terminal hypertrophic chondrocytes of the growth plate. 1996 , 180, 430-3	80
1590	Apoptosis induced in cultured rat embryos by intra-amniotically microinjected sodium nitroprusside. 1996 , 53, 21-30	13
1589	Apoptosis of larval cells during amphibian metamorphosis. 1996 , 34, 228-35	14
1588	Hepatocyte death following transforming growth factor-beta 1 addition. 1996 , 34, 247-58	15
1587	Role of programmed (apoptotic) cell death during the progression and therapy for prostate cancer. 1996 , 28, 251-65	294
1586	Apoptosis and immunohistochemical bcl-2 expression in colorectal adenomas and carcinomas. Aspects of carcinogenesis and prognostic significance. 1996 , 77, 255-64	172

1585	Prognostic significance of proliferative and apoptotic fractions in low grade follicle center cell-derived non-Hodgkin's lymphomas. 1996 , 77, 1180-1188	31
1584	Apoptotic cell death and its relationship to carcinogenesis in colorectal carcinoma. 1996 , 77, 1711-6	42
1583	Extensive apoptosis in ductal carcinoma in situ of the breast. 1996 , 77, 1831-5	40
1582	Perineural invasion of prostate carcinoma cells is associated with reduced apoptotic index. 1996 , 78, 1267-71	36
1581	Spontaneous apoptosis in gallbladder carcinoma. Relationships with clinicopathologic factors, expression of E-cadherin, bcl-2 protooncogene, and p53 oncosuppressor gene. 1996 , 78, 2101-10	31
1580	Apoptosis removes chick embryo tail gut and remnant of the primitive streak. 1996 , 206, 212-8	36
1579	Apoptosis occurs more frequently in metastatic foci than in primary lesions of human colorectal carcinomas: analysis by terminal-deoxynucleotidyl-transferase-mediated dUTP-biotin nick end labeling. 1996 , 65, 173-7	51
1578	Cellular responses of HPV-positive cancer cells to genotoxic anti-cancer agents: repression of E6/E7-oncogene expression and induction of apoptosis. 1996 , 68, 506-13	81
1577	Flow cytometric analysis of apoptosis and bcl-2 in primary breast carcinomas: clinical and biological implications. 1996 , 24, 116-22	23
1576	Toward a new method to in situ study of apoptosis and its relations with cell cycle. 1996 , 25, 263-70	6
1575	Nuclear disintegration as a leading step of glutamate excitotoxicity in brain neurons. 1996 , 43, 613-22	46
1574	Effects of FGF-1 and FGF-2 on GD3 immunoreactive spinal neuroepithelial cells. 1996 , 45, 549-57	10
1573	Pathophysiology of oligodendroglial excitotoxicity. 1996 , 46, 427-37	123
1572	Re-entry into the cell cycle is required for bFGF-induced oligodendroglial dedifferentiation and survival. 1996 , 46, 456-64	51
1571	Genes that regulate apoptosis in the mouse thymus. 1996 , 60, 18-22	6
1570	Tamoxifen induces TGF- β 1 activity and apoptosis of human MCF-7 breast cancer cells in vitro. 1996 , 61, 9-17	73
1569	Epidermal growth factor inhibits cytokine-induced apoptosis of primary human trophoblasts. 1996 , 167, 324-32	113
1568	Steroid control of muscle remodeling during metamorphosis in <i>Manduca sexta</i> . 1996 , 29, 535-50	41

1567	Neurogenesis and cell death in olfactory epithelium. 1996 , 30, 67-81	136
1566	Cell death in the CNS of the Wnt-1 mutant mouse. 1996 , 31, 275-82	26
1565	Involution of mouse mammary glands during whole organ culture occurs via apoptosis of epithelial tissue. 1996 , 20, 763-7	10
1564	Etude comparative de diffentes techniques d'identification des cellules en apoptose par cytomtrie en flux. 1996 , 1996, 101-106	
1563	p53-dependent G1 arrest and p53-independent apoptosis influence the radiobiologic response of glioblastoma. 1996 , 36, 95-103	93
1562	Effects of digit tissue on cell death and ectopic cartilage formation in the interdigital zone in chick leg buds. 1996 , 38, 419-428	5
1561	Is apoptosis a massive process in myelodysplastic syndromes?. 1996 , 95, 368-71	72
1560	Apoptosis--its role in tumour growth and therapy. 1996 , 7, 201-3	6
1559	Covering by a flap induces apoptosis of granulation tissue myofibroblasts and vascular cells. 1996 , 4, 244-51	33
1558	Specific arrest of spermatogenesis caused by apoptotic cell death in transgenic mice. 1996 , 1, 1077-86	17
1557	Involvement of cell-mediated killing in apoptosis in histiocytic necrotizing lymphadenitis (Kikuchi-Fujimoto disease). 1996 , 28, 41-8	32
1556	Apoptosis and proliferation in gastric carcinoma: the association with histological type. 1996 , 29, 123-9	37
1555	2,5-Hexanedione induced apoptosis in cultured mouse DRG neurons. 1996 , 68, 495-7	16
1554	Antiangiogenesis restricted tumor dormancy. 1996 , 15, 241-5	29
1553	Apoptosis in barley aleurone during germination and its inhibition by abscisic acid. 1996 , 32, 1125-34	167
1552	Induction of apoptosis by a calpain stimulator, ONO-3403. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1996 , 1, 75-80	5-4 9
1551	Apoptosis in the normal olfactory epithelium of the adult guinea pig. 1996 , 253, 371-3	6
1550	Apoptosis in human gastric mucosa, chronic gastritis, dysplasia and carcinoma: analysis by terminal deoxynucleotidyl transferase-mediated dUTP-biotin nick end labelling. 1996 , 428, 229-35	46

1549	Long reflections on the QT interval: the sixth annual Gordon K. Moe Lecture. 1996 , 7, 738-59	25
1548	Pseudocyst formation by adenoid cystic carcinoma cells in collagen gel culture and in SCID mice. 1996 , 25, 441-8	18
1547	Apoptotic cell death of vascular endothelial cells and renal tubular cells in the generalized Shwartzman reaction. 1996 , 16, 205-11	20
1546	Lipopolysaccharide induces apoptotic cell death of B memory cells and regulates B cell memory in antigen-nonspecific manner. 1996 , 15, 1-8	23
1545	Apoptotic cell death in formation of vesicular skin lesions in patients with acquired zinc deficiency. 1996 , 23, 359-63	19
1544	Early alterations of apoptosis and cell proliferation in azoxymethane-initiated rat colonic epithelium. 1996 , 87, 575-82	37
1543	Leuchtenberger bodies in flat adenomas of the colorectal mucosa: a comparison between Japanese and Swedish patients. 1996 , 87, 618-22	5
1542	Apoptosis as a mechanism of keratinocyte death in toxic epidermal necrolysis. 1996 , 134, 710-4	202
1541	p53-dependent apoptosis suppresses radiation-induced teratogenesis. 1996 , 2, 577-80	213
1540	Angiostatin induces and sustains dormancy of human primary tumors in mice. 1996 , 2, 689-92	1040
1539	Adenovirus-mediated retinoblastoma gene therapy suppresses spontaneous pituitary melanotroph tumors in Rb+/- mice. 1996 , 2, 1316-21	76
1538	Apoptosis and necrosis after reversible focal ischemia: an in situ DNA fragmentation analysis. 1996 , 16, 186-94	300
1537	Very delayed infarction after mild focal cerebral ischemia: a role for apoptosis?. 1996 , 16, 195-201	546
1536	Antibodies against adhesion molecules reduce apoptosis after transient middle cerebral artery occlusion in rat brain. 1996 , 16, 578-84	166
1535	DNA fragmentation and HSP70 protein induction in hippocampus and cortex occurs in separate neurons following permanent middle cerebral artery occlusions. 1996 , 16, 1165-75	96
1534	Apoptosis in glomerular sclerosis. 1996 , 49, 103-11	185
1533	Deregulation of cell survival in cystic and dysplastic renal development. 1996 , 49, 135-46	120
1532	Cell apoptosis and proliferation in experimental chronic obstructive uropathy. 1996 , 50, 200-7	140

1531	Apoptosis in mesangial cells induced by ionizing radiation and cytotoxic drugs. 1996 , 50, 1565-71	15
1530	Schwann cell apoptosis at developing neuromuscular junctions is regulated by glial growth factor. 1996 , 379, 174-7	252
1529	Requirement for ceramide-initiated SAPK/JNK signalling in stress-induced apoptosis. 1996 , 380, 75-9	1683
1528	Transcription factor AP-2 essential for cranial closure and craniofacial development. 1996 , 381, 235-8	531
1527	Uncoupling of S phase and mitosis induced by anticancer agents in cells lacking p21. 1996 , 381, 713-6	670
1526	Alternative pathways for the selection of antigen-specific peripheral T cells. 1996 , 384, 263-6	77
1525	Comparative alterations in p53 expression and apoptosis in the irradiated rat small and large intestine. 1996 , 74, 406-12	24
1524	mdm2 gene mediates the expression of mdr1 gene and P-glycoprotein in a human glioblastoma cell line. 1996 , 74, 1263-8	33
1523	Spontaneous autoimmune skin lesions of MRL/n mice: autoimmune disease-prone genetic background in relation to Fas-defect MRL/1pr mice. 1996 , 107, 95-100	42
1522	Maturation-dependent modulation of apoptosis in cultured cerebellar granule neurons by cytokines and neurotrophins. 1996 , 8, 1994-2005	16
1521	Apoptosis and resolution of experimental renal infective tubulointerstitial nephritis. 1996 , 2, 127-132	13
1520	Induction of gastric epithelial apoptosis by <i>Helicobacter pylori</i> . 1996 , 38, 498-501	324
1519	1995 STP Young Investigator Award recipient. Increased rate of apoptosis correlates with hepatocellular proliferation in Fischer-344 rats following long-term exposure to a mixture of groundwater contaminants. 1996 , 24, 315-22	17
1518	In situ demonstration of germinal cell apoptosis during diethylstilbestrol-induced testis regression in adult male Syrian hamsters. 1996 , 55, 1368-76	46
1517	Involvement of the CD95 (APO-1/Fas) receptor/ligand system in multiple sclerosis brain. 1996 , 184, 1513-8	258
1516	Apoptosis in focal cerebral ischemia. 1996 , 66, 21-6	57
1515	Merosin and laminin in myogenesis; specific requirement for merosin in myotube stability and survival. <i>Journal of Cell Biology</i> , 1996 , 134, 1483-97	7:3 185
1514	Expression of the human p55 and p75 tumor necrosis factor receptors in primary villous trophoblasts and their role in cytotoxic signal transduction. 1996 , 55, 400-9	75

1513	The E1B 19K protein blocks apoptosis by interacting with and inhibiting the p53-inducible and death-promoting Bax protein. 1996 , 10, 461-77		265
1512	Cell death--where is thy sting?. 1996 , 39, 883-4		2
1511	Ig-specific T cell receptor-transgenic T cells are not deleted in the thymus and are functional in vivo. 1996 , 183, 203-13		21
1510	Fas and Fas ligand in embryos and adult mice: ligand expression in several immune-privileged tissues and coexpression in adult tissues characterized by apoptotic cell turnover. <i>Journal of Cell Biology</i> , 1996 , 133, 335-43	7-3	414
1509	Localisation of apoptosis and expression of apoptosis related proteins in the synovium of patients with rheumatoid arthritis. 1996 , 55, 442-9		75
1508	Correlation of apoptosis with tumour cell differentiation, progression, and HPV infection in cervical carcinoma. 1996 , 49, 134-8		45
1507	Apoptosis and vascular wall remodeling in hypertension. 1996 , 74, 850-861		46
1506	Cellular oxygen toxicity. Oxidant injury without apoptosis. 1996 , 271, 15182-6		216
1505	Expression of androgen receptors and steroidogenic enzymes in relation to follicular growth and atresia following ovulation in pigs. 1996 , 55, 949-55		36
1504	Abnormal spermatogenesis in RXR beta mutant mice. 1996 , 10, 80-92		257
1503	v-Myb of E26 leukemia virus up-regulates bcl-2 and suppresses apoptosis in myeloid cells. 1996 , 10, 2720-31		142
1502	Apoptosis of Fas ^{high} CD4 ⁺ synovial T cells by borrelia-reactive Fas-ligand ^(high) gamma delta T cells in Lyme arthritis. 1996 , 184, 2109-17		92
1501	Inhibition of nitric oxide with aminoguanidine reduces bacterial translocation after endotoxin challenge in vivo. 1996 , 131, 1155-63		72
1500	Induction of DNA synthesis and apoptosis in cardiac myocytes by E1A oncoprotein. <i>Journal of Cell Biology</i> , 1996 , 133, 325-34	7-3	84
1499	TrkB and TrkC neurotrophin receptors cooperate in promoting survival of hippocampal and cerebellar granule neurons. 1996 , 10, 2849-58		196
1498	Expression of Ad4-BP/cytochrome P450 side chain cleavage enzyme and induction of cell death in long-term cultures of human granulosa cells. 1996 , 2, 391-400		84
1497	An additional form of rat Bcl-x, Bcl-xbeta, generated by an unspliced RNA, promotes apoptosis in promyeloid cells. 1996 , 271, 13258-65		59
1496	Cell proliferation and apoptosis during mammary carcinogenesis in pituitary isografted mice. 1996 , 17, 1741-6		12

1495	In vitro Destruction of Nerve Cell Cultures by Acanthamoeba spp.: A Transmission and Scanning Electron Microscopy Study. 1996 , 82, 769		55
1494	The gene encoding bone morphogenetic protein 8B is required for the initiation and maintenance of spermatogenesis in the mouse. 1996 , 10, 1657-69		200
1493	The phenotypic switch from chondrocytes to bone-forming cells involves asymmetric cell division and apoptosis. 1996 , 35, 85-91		59
1492	Prostate cancer gene therapy: herpes simplex virus thymidine kinase gene transduction followed by ganciclovir in mouse and human prostate cancer models. 1996 , 7, 515-23		147
1491	A comparison of continuous versus intermittent light exposure on apoptosis. 1996 , 15, 914-22		21
1490	In situ apoptotic cell labeling by the TUNEL method: improvement and evaluation on cell preparations. 1996 , 44, 959-68		296
1489	Oxygen deprivation but not a combination of oxygen, glucose, and serum deprivation induces DNA degradation in mouse cortical neurons in vitro: attenuation by transgenic overexpression of CuZn-superoxide dismutase. 1996 , 13, 233-44		28
1488	Increased small intestinal apoptosis in coeliac disease. 1996 , 39, 811-7		114
1487	Inhibition of Nur77/Nurr1 leads to inefficient clonal deletion of self-reactive T cells. 1996 , 183, 1879-92		141
1486	grim, a novel cell death gene in Drosophila. 1996 , 10, 1773-82		343
1485	Differing roles for B7 and intercellular adhesion molecule-1 in negative selection of thymocytes. 1996 , 184, 531-7		76
1484	Differential Taxol-dependent arrest of transformed and nontransformed cells in the G1 phase of the cell cycle, and specific-related mortality of transformed cells. <i>Journal of Cell Biology</i> , 1996 , 135, 689-700		85
1483	Constitutive expression of the machinery for programmed cell death. <i>Journal of Cell Biology</i> , 1996 , 133, 1053-9	7-3	340
1482	Induction of Apoptosis by Pyrrolidinedithiocarbamate and N-Acetylcysteine in Vascular Smooth Muscle Cells. 1996 , 271, 3667-3670		189
1481	Early loss of the retinoblastoma gene is associated with impaired growth inhibitory innervation during melanotroph carcinogenesis in Rb+/- mice. 1996 , 10, 1870-9		54
1480	Use of normal and transgenic mice to examine the relationship between terminal differentiation of intestinal epithelial cells and accumulation of their cell cycle regulators. 1996 , 271, 28414-21		59
1479	Neurotrophins promote the survival and development of neurons in the cerebellum of hypothyroid rats in vivo. <i>Journal of Cell Biology</i> , 1996 , 133, 631-46	7-3	172
1478	Hlx homeo box gene is essential for an inductive tissue interaction that drives expansion of embryonic liver and gut. 1996 , 10, 70-9		142

1477	Insufficient expression of Fas antigen on helper T cells in Behçet's disease. 1996 , 80, 174-6		15
1476	Presence of double-strand breaks with single-base 3' overhangs in cells undergoing apoptosis but not necrosis. <i>Journal of Cell Biology</i> , 1996 , 135, 1369-76	73	175
1475	Phagocytic cells in the taste buds of rat circumvallate papillae after denervation. 1996 , 21, 467-76		14
1474	Detection of apoptosis in human endometriotic tissues. 1996 , 2, 307-15		58
1473	Apoptosis of retinal ganglion cells in anterior ischemic optic neuropathy. 1996 , 114, 488-91		151
1472	Targeted in vivo expression of the cyclin-dependent kinase inhibitor p21 halts hepatocyte cell-cycle progression, postnatal liver development and regeneration. 1996 , 10, 245-60		185
1471	Assessment of apoptosis in relation to proliferation and mutational status of p53 gene in head and neck cancers. 1996 , 8, 1257-64		
1470	Expression of apoptosis-related antigen Le(Y) in superficial colorectal adenoma and adenocarcinoma. 1996 , 9, 653-8		
1469	Apoptosis: A Functional Paradigm for Programmed Plant Cell Death Induced by a Host-Selective Phytotoxin and Invoked during Development. 1996 , 8, 375		78
1468	Nonsteroidal antiinflammatory drugs and colorectal cancer. 1996 , 18, 205-17		44
1467	In-situ end labelling with bromodeoxyuridine--an advanced technique for the visualization of apoptotic cells in histological specimens. 1996 , 28, 311-4		11
1466	Apoptosis in acute myeloblastic leukemia: follow-up study on trephine biopsies of the bone marrow. 1996 , 22, 77-82		9
1465	Evidence of apoptosis in arrhythmogenic right ventricular dysplasia. 1996 , 335, 1190-6		341
1464	Induction of apoptosis and pulmonary fibrosis in mice in response to ligation of Fas antigen. 1997 , 17, 272-8		260
1463	Analyses of Apoptosis-Associated DNA Fragmentation In Vivo During Neurodegeneration of the Peripheral Olfactory System in Adult Mammals. 133-160		7
1462	Fas antigen-mediated apoptosis of ovarian surface epithelial cells. 1997 , 138, 4558-66		45
1461	Apoptosis and growth factors in parathyroid adenomas. 1997 , 29, 544-8		11
1460	Regulation of apoptosis in uterine leiomyomata. 1997 , 138, 3056-64		33

1459	Multiple extracellular signals promote osteoblast survival and apoptosis. 1997 , 138, 3849-58	193
1458	Nitric oxide primes pancreatic beta cells for Fas-mediated destruction in insulin-dependent diabetes mellitus. 1997 , 186, 1193-200	223
1457	Apoptosis: correlation of cytological changes with biochemical markers in hormone-dependent tissues. 1997 , 29, 535-43	7
1456	The Fas system is a key regulator of germ cell apoptosis in the testis. 1997 , 138, 2081-8	417
1455	Mutations resulting in transient and localized degeneration in the developing zebrafish brain. 1997 , 75, 579-600	17
1454	Early neuropathologic effects of mild or moderate hypoxemia after controlled cortical impact injury in rats. 1997 , 14, 179-89	159
1453	Unique behaviour of NuMA during heat-induced apoptosis of lymphocytes. 1997 , 75, 399-414	12
1452	Reversibility and apoptosis in rat urinary bladder papillomatosis induced by uracil. 1997 , 18, 1485-9	15
1451	Differential staining of apoptotic nuclei in living cells: application to macronuclear elimination in Tetrahymena. 1997 , 45, 675-83	88
1450	Morphological evidence of apoptosis and the prevalence of apoptotic versus mitotic cells in the membrana granulosa of ovarian follicles during spontaneous and induced atresia in ewes. 1997 , 56, 837-46	73
1449	A rapid, quantitative and inexpensive method for detecting apoptosis by flow cytometry in transiently transfected cells. 1997 , 25, 4855-7	34
1448	Apoptosis in neural development and disease. 1997 , 77, F165-70	41
1447	Hydroxyurea for treatment of unresectable and recurrent meningiomas. I. Inhibition of primary human meningioma cells in culture and in meningioma transplants by induction of the apoptotic pathway. 1997 , 86, 845-52	100
1446	Complete rescue of lethal albino c14CoS mice by null mutation of 4-hydroxyphenylpyruvate dioxygenase and induction of apoptosis of hepatocytes in these mice by in vivo retrieval of the tyrosine catabolic pathway. 1997 , 272, 24426-32	49
1445	Involvement of apoptosis and lysosomal hydrolase activity in the oviducal regression during induced molting in chickens: a cytochemical study for end labeling of fragmented DNA and acid phosphatase. 1997 , 76, 67-72	45
1444	Cell death during luteal regression in the marmoset monkey (<i>Callithrix jacchus</i>). 1997 , 111, 109-19	21
1443	Mechanisms of Apoptosis. 1997 , 20, 183-229	1
1442	Induction of apoptosis and T helper 2 (Th2) responses correlates with peptide affinity for the major histocompatibility complex in self-reactive T cell receptor transgenic mice. 1997 , 185, 583-99	67

1441	Steroidogenic enzyme expression during preovulatory follicle maturation in pigs. 1997 , 56, 1424-31	29
1440	Enhanced apoptotic cell death of renal epithelial cells in mice lacking transcription factor AP-2beta. 1997 , 11, 1938-48	221
1439	Origins of ... flow cytometry and applications in oncology. 1997 , 50, 275-7	6
1438	Apoptosis in human hepatocellular carcinoma and in liver cell dysplasia is correlated with p53 protein immunoreactivity. 1997 , 50, 394-400	18
1437	Development of inflammatory angiogenesis by local stimulation of Fas in vivo. 1997 , 186, 147-52	105
1436	Apoptosis in cardiovascular disease. 1997 , 77, 498-501	31
1435	Apoptosis, neurotrophic factors and neurodegeneration. 1997 , 8, 223-65	38
1434	Null mutation of mCOUP-TFI results in defects in morphogenesis of the glossopharyngeal ganglion, axonal projection, and arborization. 1997 , 11, 1925-37	182
1433	Demonstration of apoptotic cells in tissue sections by in situ hybridization using digoxigenin-labeled poly(A) oligonucleotide probes to detect thymidine-rich DNA sequences. 1997 , 45, 13-20	16
1432	Association of expression of mRNA encoding the PGF2 alpha receptor with luteal cell apoptosis in ovaries of pseudopregnant mice. 1997 , 109, 45-51	38
1431	Native recombinant cyclophilins A, B, and C degrade DNA independently of peptidylprolyl cis-trans-isomerase activity. Potential roles of cyclophilins in apoptosis. 1997 , 272, 6677-84	123
1430	Detection of apoptosis by the TUNEL technique in clinically localised prostatic cancer before and after combined endocrine therapy. 1997 , 50, 384-8	26
1429	Apoptosis and proliferation of fibroblasts during postnatal skin development and scleroderma in the tight-skin mouse. 1997 , 45, 711-9	31
1428	Cytotoxicity and apoptosis produced by arachidonic acid in Hep G2 cells overexpressing human cytochrome P450E1. 1997 , 272, 14532-41	151
1427	Apoptosis is inhibited early in the dysplasia-carcinoma sequence of Barrett esophagus. 1997 , 132, 728-33	72
1426	Bax deletion further orders the cell death pathway in cerebellar granule cells and suggests a caspase-independent pathway to cell death. <i>Journal of Cell Biology</i> , 1997 , 139, 205-17	7-3 353
1425	A study of the interferon antiviral mechanism: apoptosis activation by the 2-5A system. 1997 , 186, 967-72	234
1424	Apoptotic and Proliferating Cells in Cutaneous Lymphoproliferative Diseases. 1997 , 133, 829	21

1423	Epidermal Apoptotic Cell Death in Erythema Multiforme and Stevens-Johnson Syndrome. 1997 , 133, 845		42
1422	p53 regulates apoptosis in human retinoblastoma. 1997 , 115, 213-9		54
1421	Retinoblastoma in a dog. 1997 , 115, 758-63		25
1420	Loss of matrix adhesion triggers rapid transformation-selective apoptosis in fibroblasts. <i>Journal of Cell Biology</i> , 1997 , 138, 901-11	7-3	115
1419	Bcl-2 lies downstream of parathyroid hormone-related peptide in a signaling pathway that regulates chondrocyte maturation during skeletal development. <i>Journal of Cell Biology</i> , 1997 , 136, 205-13	7-3	280
1418	bcl-2 expression confers androgen independence in androgen sensitive prostatic carcinoma. 1997 , 10, 113-8		
1417	Correlation between apoptosis and tumor-associated macrophages in human invasive ductal breast carcinoma. 1997 , 11, 989-92		
1416	The significance and potential molecular mechanisms of gastrointestinal barrier homeostasis. 1997 , 32, 1073-82		9
1415	Impaired mouse fertilization by low chronic alcohol treatment. 1997 , 32, 563-72		16
1414	The role of apoptosis in gynaecological malignancies. 1997 , 29, 121-6		33
1413	Ultraviolet light-induced keratinocyte apoptosis: a potential mechanism for the induction of skin lesions and autoantibody production in LE. 1997 , 6, 175-80		143
1412	Neural tube defects in embryos of diabetic mice: role of the Pax-3 gene and apoptosis. 1997 , 46, 1189-97		226
1411	Progestins prevent apoptosis in a rat endometrial cell line and increase the ratio of bcl-XL to bcl-XS. 1997 , 272, 11791-8		50
1410	Examining the role of Paneth cells in the small intestine by lineage ablation in transgenic mice. 1997 , 272, 23729-40		202
1409	Induction of early immediate genes and programmed cell death following cardioplegic arrest in human hearts. 1997 , 12, 261-7		23
1408	Molecular cloning of a novel polypeptide, DP5, induced during programmed neuronal death. 1997 , 272, 18842-8		133
1407	Bi-transgenic mice reveal that K-rasVal12 augments a p53-independent apoptosis when small intestinal villus enterocytes reenter the cell cycle. <i>Journal of Cell Biology</i> , 1997 , 138, 167-79	7-3	18
1406	Androgen ablation leads to an upregulation and intranuclear accumulation of deoxyribonuclease I in rat prostate epithelial cells paralleling their apoptotic elimination. <i>Journal of Cell Biology</i> , 1997 , 137, 909-23	7-3	64

1405	NF-kappa B RelA-deficient lymphocytes: normal development of T cells and B cells, impaired production of IgA and IgG1 and reduced proliferative responses. 1997 , 185, 953-61	251
1404	Diabetes, defective pancreatic morphogenesis, and abnormal enteroendocrine differentiation in BETA2/neuroD-deficient mice. 1997 , 11, 2323-34	780
1403	PACAP type I receptor activation promotes cerebellar neuron survival through the cAMP/PKA signaling pathway. 1997 , 16, 323-33	103
1402	Chemotherapy-induced apoptosis. 1997 , 41, 461-99	105
1401	Apoptosis of N-type neuroblastoma cells after differentiation with 9-cis-retinoic acid and subsequent washout. 1997 , 89, 446-52	32
1400	Programmed Cell Death in Plants. 1997 , 9, 1157-1168	568
1399	Error in Figure Permission. 1997 , 133, 833	
1398	TUNEL-positive ganglion cells in human primary open-angle glaucoma. 1997 , 115, 1031-5	364
1397	Apoptosis in patients with posterior uveitis. 1997 , 115, 1559-67	41
1396	Thymus-derived glucocorticoids regulate antigen-specific positive selection. 1997 , 185, 2033-8	121
1395	Roles for growth and differentiation factors in avian embryonic development. 1997 , 76, 111-7	12
1394	Protection against lethal polymicrobial sepsis by CNI-1493, an inhibitor of pro-inflammatory cytokine synthesis. 1997 , 4, 197-204	16
1393	Doxorubicin disaccharide analogue: apoptosis-related improvement of efficacy in vivo. 1997 , 89, 1217-23	56
1392	Alteration in cell kinetics in control B6C3F1 mice infected with Helicobacter hepaticus. 1997 , 25, 591-6	25
1391	Basic fibroblast growth factor prolongs the proliferation of rat cortical progenitor cells in vitro without altering their cell cycle parameters. 1997 , 7, 293-302	63
1390	Automated double labeling of proliferation and apoptosis in glutathione S-transferase-positive hepatocytes in rats. 1997 , 45, 1299-305	12
1389	A review of experimental methylmercury toxicity in rats: neuropathology and evidence for apoptosis. 1997 , 25, 624-31	93
1388	Two modes of auditory hair cell loss following acoustic overstimulation in the avian inner ear. 1997 , 59, 303-10	26

1387	Quantification of apoptotic cells using isolated glomeruli. 1997 , 77, 474-8		1
1386	Apoptosis-suppressor gene bcl-2 expression after traumatic brain injury in rats. 1997 , 17, 9172-82		213
1385	Effects of p53 mutations on apoptosis in mouse intestinal and human colonic adenomas. 1997 , 94, 10199-204		62
1384	Abnormalities of pancreatic islets by targeted expression of a dominant-negative KATP channel. 1997 , 94, 11969-73		191
1383	In situ end labelling: effect of proteolytic enzyme pretreatment and hydrochloric acid. 1997 , 50, 160-3		4
1382	Induction of apoptosis after expression of PYK2, a tyrosine kinase structurally related to focal adhesion kinase. <i>Journal of Cell Biology</i> , 1997 , 139, 529-39	7-3	146
1381	Hydroxyurea for treatment of unresectable and recurrent meningiomas. I. Inhibition of primary human meningioma cells in culture and in meningioma transplants by induction of the apoptotic pathway. 1997 , 2, E10		0
1380	Apoptotic cell death of neutrophils in development of skin lesions of patients with anaphylactoid purpura. 1997 , 24, 94-9		8
1379	Apoptosis in the pancreas of genetically diabetic rats with a disrupted cholecystokinin (CCK-A) receptor gene. 1997 , 14, 109-12		8
1378	Mutations of N-terminal regions render the retinoblastoma protein insufficient for functions in development and tumor suppression. 1997 , 17, 7342-52		54
1377	Clusters of S1 nuclease-hypersensitive sites induced in vivo by DNA damage. 1997 , 17, 5437-52		23
1376	Apoptosis is induced by anti-Fas antibody alone in cultured human keratinocytes. 1997 , 24, 427-34		21
1375	ch-IAP1, a member of the inhibitor-of-apoptosis protein family, is a mediator of the antiapoptotic activity of the v-Rel oncoprotein. 1997 , 17, 7328-41		163
1374	Inhibitory effects of the antiangiogenic agent TNP-470 on establishment and growth of hematogenous metastasis of human pancreatic carcinoma in SCID beige mice in vivo. 1997 , 15, 251-7		25
1373	Increased tumor proliferation and genomic instability without decreased apoptosis in MMTV-ras mice deficient in p53. 1997 , 17, 723-31		85
1372	Expression and function of the leucine zipper protein Par-4 in apoptosis. 1997 , 17, 3823-32		183
1371	Annexin V labels apoptotic neurons following hypoxia-ischemia. 1997 , 8, 3871-5		47
1370	Induction of apoptotic cell death in human endothelial cells treated with snake venom: implication of intracellular reactive oxygen species and protective effects of glutathione and superoxide dismutases. 1997 , 122, 1260-4		42

1369	Induction of apoptosis in neuroendocrine tumors of the digestive system during treatment with somatostatin analogs. 1997 , 36, 607-14	92
1368	Apoptosis in epithelial hyperplastic laryngeal lesions. 1997 , 527, 25-9	41
1367	High-dose treatment with lanreotide of patients with advanced neuroendocrine gastrointestinal tumors: clinical and biological effects. 1997 , 8, 1041-4	133
1366	Orthovanadate induces cell death in rat dentate gyrus primary culture. 1997 , 8, 2465-70	20
1365	Neonatal sciatic nerve transection induces TUNEL labeling of neurons in the rat spinal cord and DRG. 1997 , 8, 2837-40	46
1364	Co-localization of truncated tau and DNA fragmentation in Alzheimer's disease neurones. 1997 , 8, 3709-12	33
1363	Acute application of human amylin, unlike beta-amyloid peptides, kills undifferentiated PC12 cells by apoptosis. 1997 , 8, 3945-50	17
1362	Apoptosis in rat hippocampal dentate gyrus after intraventricular colchicine. 1997 , 8, 3779-83	23
1361	Immunostimulation protects microglial cells from nitric oxide-mediated apoptosis. 1997 , 8, 2241-5	20
1360	Apoptosis of germ cells during human prenatal oogenesis. 1997 , 12, 2235-41	82
1359	Apoptosis and Fas/Fas ligand mRNA expression in acute immune complex alveolitis in mice. 1997 , 10, 2351-9	18
1358	Identification of neural programmed cell death through the detection of DNA fragmentation in situ and by PCR. 2001 , Chapter 3, Unit 3.8	4
1357	Borrelidin is an angiogenesis inhibitor; disruption of angiogenic capillary vessels in a rat aorta matrix culture model. 1997 , 50, 671-6	60
1356	Rapid apoptotic changes in the gastric glandular epithelium of rats administered intraperitoneally with fusarenon-X. 1997 , 59, 17-22	3
1355	Course of apoptotic changes in the rat gastric mucosa caused by oral administration of fusarenon-X. 1997 , 59, 191-9	8
1354	Apoptosis of enterocytes induced by inoculation of a strain of attaching and effacing Escherichia coli and verotoxin. 1997 , 59, 815-8	12
1353	Apoptosis and proliferation of dentate gyrus neurons after single and intermittent limbic seizures. 1997 , 94, 10432-7	678
1352	Apoptosis and Ischemia in the Central Nervous System. 1997 , 99-132	1

1351	Process of the development of T-2 toxin-induced apoptosis in the lymphoid organs of mice. 1997 , 46, 117-26	32
1350	Glucocorticoid-induced thymocyte death in the murine thymus: the effect at later stages. 1997 , 60, 65-78	15
1349	Oxidant-induced apoptosis: a consequence of lethal lysosomal leak?. 1997 , 3, 65-70	29
1348	Pathological and genetic correlates of apoptosis in the progression of colorectal neoplasia. 1997 , 18, 146-56	31
1347	The Tetraviridae. 1997 , 101-168	35
1346	Death and dying in the immune system. 1997 , 41, 179-218	11
1345	Apoptosis in neurodegenerative diseases. 1997 , 41, 337-68	15
1344	Apoptosis in hormone-responsive malignancies. 1997 , 41, 553-83	7
1343	Cell-cell contact and specific cytokines inhibit apoptosis of colonic epithelial cells: growth factors protect against c-myc-independent apoptosis. 1997 , 75, 960-8	42
1342	Overexpression of p53 protein during pancreatitis. 1997 , 75, 1501-4	29
1341	Fluorescence-activated cell sorting of transfected cells. 1997 , 283, 59-72	10
1340	Elevated frequency of p53-independent apoptosis after irradiation increases levels of DNA breaks in ataxia telangiectasia lymphoblasts. 1997 , 72, 257-69	18
1339	Oxygen-dependent fragmentation of cellular DNA by nitric oxide. 1997 , 26, 245-55	28
1338	High-resolution imaging at the cellular and subcellular levels in flattened whole mounts of early zebrafish embryos. 1997 , 75, 535-550	6
1337	Increase in TUNEL positive cells in aorta from diabetic rats. 1997 , 5, 241-50	10
1336	Methods utilized in the study of apoptosis. 1997 , 41, 57-87	36
1335	Relationship among colonocyte proliferation, differentiation, and apoptosis as a function of diet and carcinogen. 1997 , 28, 20-9	39
1334	Ultraviolet B-Radiation Dose Influences the Induction of Apoptosis and p53 in Human Keratinocytes. 1997 , 147, 148	73

1333	Radiation-Induced Cell Death in the Mouse Testis: Relationship to Apoptosis. 1997 , 147, 457		109
1332	Mitochondrial proliferation and paradoxical membrane depolarization during terminal differentiation and apoptosis in a human colon carcinoma cell line. <i>Journal of Cell Biology</i> , 1997 , 138, 449-69	73	276
1331	Apoptotic frequency is increased in spermatogenic maturation arrest and hypospermatogenic states. 1997 , 158, 1791-3		51
1330	Acute testicular ischemia results in germ cell-specific apoptosis in the rat. 1997 , 57, 1267-74		224
1329	Apoptosis in Transitional Cell Carcinoma of the Renal Pelvis and Ureter: Association With Proliferative Activity, bcl-2 Expression and Prognosis. 1997 , 158, 750-753		13
1328	Improvement of cognitive deficits and decreased cholinergic neuronal cell loss and apoptotic cell death following neurotrophin infusion after experimental traumatic brain injury. 1997 , 86, 511-8		124
1327	Cell kinetic in epithelium and stroma of benign prostatic hyperplasia. 1997 , 158, 217-21		60
1326	Apoptosis: clinical relevance and pharmacological manipulation. 1997 , 54, 511-32		70
1325	Potentialiation of ara-C-induced apoptosis by the protein kinase C activator bryostatin 1 in human leukemia cells (HL-60) involves a process dependent upon c-Myc. 1997 , 54, 563-73		14
1324	In situ end-labeling of human testicular tissue demonstrates increased apoptosis in conditions of abnormal spermatogenesis. 1997 , 68, 1065-9		103
1323	Apoptotic cell death in atherosclerotic plaques of hyperlipidemic knockout mice. 1997 , 135, 235-9		19
1322	Granule cell apoptosis and protein expression in hippocampal dentate gyrus after forebrain ischemia in the rat. 1997 , 150, 93-102		50
1321	Correlates of p53- and Fas (CD95)-mediated apoptosis in Alzheimer's disease. 1997 , 152, 73-83		262
1320	Cell death and birth in multiple sclerosis brain. 1997 , 149, 1-11		120
1319	Induction of acute gastritis and epithelial apoptosis by Helicobacter pylori lipopolysaccharide. 1997 , 32, 203-11		87
1318	Apoptosis of skeletal and cardiac muscles and physical exercise. 1997 , 9, 19-34		26
1317	Cytotoxic Effects of Recombinant Adenovirus p53 and Cell Cycle Regulator Genes (p21 sup WAF1/CIP1 and p16 sup CDKN4) in Human Prostate Cancers. 1997 , 158, 636-641		65
1316	Regulation of neuronal survival by the serine-threonine protein kinase Akt. 1997 , 275, 661-5		2181

1315	LKLF: A transcriptional regulator of single-positive T cell quiescence and survival. 1997 , 277, 1986-90	332
1314	Germ cell cluster formation and cell death are alternatives in caste-specific differentiation of the larval honey bee ovary. 1997 , 31, 237-250	59
1313	Attenuation of TGF-beta-induced apoptosis in primary cultures of hepatocytes by calpain inhibitors. 1997 , 231, 457-62	39
1312	17beta-estradiol inhibits apoptosis of endothelial cells. 1997 , 237, 372-81	107
1311	Keratinocytes become terminally differentiated in a process involving programmed cell death. 1997 , 238, 886-90	67
1310	Apoptosis in sea urchin embryos. 1997 , 240, 359-66	23
1309	Basic fibroblast growth factor induces apoptosis in myofibroblastic cells isolated from rat palatal mucosa. 1997 , 240, 21-6	43
1308	Successive alteration and recovery of epidermal differentiation and morphogenesis after specific UVB-damages in skin reconstructed in vitro. 1997 , 183, 123-38	135
1307	Cyclin-dependent kinase 5 is associated with apoptotic cell death during development and tissue remodeling. 1997 , 183, 222-33	94
1306	Mouse vaginal opening is an apoptosis-dependent process which can be prevented by the overexpression of Bcl2. 1997 , 184, 115-21	61
1305	Anteroposterior gradient of epithelial transformation during amphibian intestinal remodeling: immunohistochemical detection of intestinal fatty acid-binding protein. 1997 , 192, 149-61	58
1304	Imaginal tissues of <i>Drosophila melanogaster</i> exhibit different modes of cell proliferation control. 1997 , 192, 509-22	23
1303	Cell death in the avian sclerotome. 1997 , 192, 551-63	25
1302	Incomplete differentiation of fetal keratinocytes in the skin equivalent leads to the default pathway of apoptosis. 1997 , 231, 83-95	36
1301	Hypoxia-induced apoptosis in human cells with normal p53 status and function, without any alteration in the nuclear protein level. 1997 , 232, 361-70	32
1300	FGF2-stimulated release of endogenous FGF1 is associated with reduced apoptosis in retinal pigmented epithelial cells. 1997 , 233, 198-206	24
1299	Glutamate-treated rat cortical neuronal cultures die in a way different from the classical apoptosis induced by staurosporine. 1997 , 233, 310-20	57
1298	Multiparametric staining to identify apoptotic human cells. 1997 , 234, 174-7	58

1297	Induction of apoptosis through the PKC pathway in cultured dermal papilla fibroblasts. 1997 , 234, 37-46	50
1296	Pressure-induced apoptosis in human lymphoblasts. 1997 , 235, 155-60	21
1295	Light-induced apoptosis: differential timing in the retina and pigment epithelium. 1997 , 64, 963-70	104
1294	Apoptosis in proliferative vitreoretinal disorders: possible involvement of TGF-beta-induced RPE cell apoptosis. 1997 , 65, 365-78	48
1293	Apoptosis in the cornea: further characterization of Fas/Fas ligand system. 1997 , 65, 575-89	115
1292	Apoptotic death of olfactory sensory neurons in the adult rat. 1997 , 143, 132-40	37
1291	TRPM-2 expression and tunel staining in neurodegenerative diseases: studies in wobbler and rd mice. 1997 , 143, 246-54	23
1290	PrP deposition, microglial activation, and neuronal apoptosis in murine scrapie. 1997 , 144, 433-8	163
1289	Age-dependent induction of nitric oxide synthase activity in facial motoneurons after axotomy. 1997 , 145, 361-70	22
1288	Apoptosis and delayed neuronal damage after carbon monoxide poisoning in the rat. 1997 , 147, 103-14	159
1287	Expression of c-Jun protein in degenerating retinal ganglion cells after optic nerve lesion in the rat. 1997 , 147, 28-36	52
1286	Expression of Fos, Jun, and Krox family proteins in Alzheimer's disease. 1997 , 147, 316-32	65
1285	Neurotoxicity of polyamines and pharmacological neuroprotection in cultures of rat cerebellar granule cells. 1997 , 148, 157-66	42
1284	Serotonin promotes the survival of cortical glutamatergic neurons in vitro. 1997 , 148, 205-14	40
1283	Neuronal apoptosis and necrosis following spinal cord ischemia in the rat. 1997 , 148, 464-74	79
1282	Ischemia-reperfusion injury on the pancreas in rats: identification of acinar cell apoptosis. 1997 , 71, 127-36	41
1281	Acetoxy-acetylaminofluorene-modified dGTP can be used to label oligonucleotides or DNA enzymatically. <i>Molecular and Cellular Probes</i> , 1997 , 11, 113-21	3-3 1
1280	Survival-promoting activity of inhibitors of cyclin-dependent kinases on primary neurons correlates with inhibition of c-Jun kinase-1. 1997 , 4, 122-33	31

1279	Interferon gamma induces cell cycle arrest and apoptosis in a model of ovarian cancer: enhancement of effect by batimastat. 1997 , 33, 1114-21	34
1278	Conference. 1997 , 6, 103-116	6
1277	Listeriosis in p47(phox ^{-/-}) and TRp55 ^{-/-} mice: protection despite absence of ROI and susceptibility despite presence of RNI. 1997 , 7, 419-32	110
1276	Apoptosis in oral erythema multiforme. 1997 , 83, 272-80	16
1275	Interleukin-1 beta converting enzyme (ICE) is preferentially expressed in neuroblastomas with favourable prognosis. 1997 , 33, 2081-3	11
1274	Metallothionein and Fas (CD95) are expressed in squamous cell carcinoma of the tongue. 1997 , 33, 1860-4	42
1273	Mechanisms of in vivo anti-neuroblastoma activity of human natural IgM. 1997 , 33, 1942-8	15
1272	TWH regulates the development of subsets of spinal cord neurons. 1997 , 18, 539-51	37
1271	Abnormal cerebellar development and foliation in BDNF ^{-/-} mice reveals a role for neurotrophins in CNS patterning. 1997 , 19, 269-81	370
1270	Disruption of a behavioral sequence by targeted death of peptidergic neurons in Drosophila. 1997 , 19, 813-23	180
1269	Apoptosis of CD4 ⁺ T cells induced after contact with HIV1-infected or non-infected macrophages. 1997 , 148, 383-96	4
1268	Apoptosis is increased in a model of diabetes-impaired wound healing in genetically diabetic mice. 1997 , 29, 191-200	161
1267	Hemodynamic alteration by fetal surgery accelerates myocyte proliferation in fetal guinea pig hearts. 1997 , 122, 412-9	48
1266	Apoptosis in experimental myocardial infarction in situ and in the perfused heart in vitro. 1997 , 29, 733-43	25
1265	Fas antigen expression and apoptosis in kidney allografts. 1997 , 29, 177-8	19
1264	Protective effect of L-arginine on liver ischemia-reperfusion injury. 1997 , 29, 393-4	12
1263	Activation of apoptosis during early phase of reperfusion after liver transplantation. 1997 , 29, 406-7	35
1262	Nitric oxide production by dendritic cells is associated with impairment of T cell responses. 1997 , 29, 1116-7	12

1261	Apoptosis of graft-infiltrating cytotoxic T cells: a mechanism underlying "split tolerance" in mouse liver transplantation. 1997 , 29, 1168-9	16
1260	Effect of L-arginine and oligotide on liver ischemia-reperfusion injury. 1997 , 29, 2992-3	8
1259	Evaluation of liver function and morphology following ischemia-reperfusion injury in pigs. 1997 , 29, 3515-7	2
1258	Role of apoptosis in spontaneous regression of peripheral T-cell lymphoma arising in the skin or subcutis. 1997 , 28, 472-7	7
1257	Early apoptosis in human myocardial infarcts. 1997 , 28, 485-92	120
1256	Congenital oligodendroglioma: a case report of a 34th-gestational week fetus with immunohistochemical study and review of the literature. 1997 , 28, 1213-7	9
1255	Apoptotic and necrotic cell death following kindling induced seizures. 1997 , 99, 71-9	42
1254	Endostatin: an endogenous inhibitor of angiogenesis and tumor growth. 1997 , 88, 277-85	3805
1253	The role of inflammatory cytokines and nitric oxide in the pathogenesis of necrotizing enterocolitis. 1997 , 32, 275-82	224
1252	Chymase is activated in the hamster heart following ventricular fibrosis during the chronic stage of hypertension. 1997 , 406, 301-4	50
1251	DNA fragmentation is a feature of cystic fibrosis epithelial cells: a disease with inappropriate apoptosis?. 1997 , 408, 225-31	45
1250	Laminin alpha2 chain-null mutant mice by targeted disruption of the Lama2 gene: a new model of merosin (laminin 2)-deficient congenital muscular dystrophy. 1997 , 415, 33-9	203
1249	A cyclic peptide analogue of loop III of PDGF-BB causes apoptosis in human fibroblasts. 1997 , 419, 166-70	9
1248	Activation of c-Jun N-terminal kinase during ischemia and reperfusion in mouse liver. 1997 , 420, 201-4	26
1247	Prostaglandin E1 prevents apoptotic cell death in superficial dorsal horn of rat spinal cord. 1997 , 36, 1023-30	49
1246	Liver apoptosis. 1997 , 26 Suppl 2, 1-11	96
1245	Demyelination induced by protein kinase C-activating tumor promoters in aggregating brain cell cultures. 1997 , 49, 121-132	17
1244	Immunohistochemical expression of bcl-2 protein in squamous cell carcinoma and basaloid carcinoma of the esophagus. 1997 , 27, 685-91	30

1243	Acute 3-nitropropionic acid intoxication induces striatal astrocytic cell death and dysfunction of the blood-brain barrier: involvement of dopamine toxicity. 1997 , 27, 343-55	87
1242	Bypass of senescence after disruption of p21CIP1/WAF1 gene in normal diploid human fibroblasts. 1997 , 277, 831-4	706
1241	Specific craniofacial cartilage dysmorphogenesis coincides with a loss of dlx gene expression in retinoic acid-treated zebrafish embryos. 1997 , 61, 23-36	72
1240	Evidence that Mothers-against-dpp-related 1 (Madr1) plays a role in the initiation and maintenance of spermatogenesis in the mouse. 1997 , 61, 63-73	31
1239	Organogenesis of the liver, thymus and spleen is affected in jumonji mutant mice. 1997 , 66, 27-37	70
1238	A developmental timer that regulates apoptosis at the onset of gastrulation. 1997 , 69, 183-95	161
1237	Similarity of apoptosis induction by 2-chlorodeoxyadenosine and cisplatin in human mononuclear blood cells. 1997 , 76, 1448-54	16
1236	The acute promyelocytic leukemia PML-RAR alpha protein induces hepatic preneoplastic and neoplastic lesions in transgenic mice. 1997 , 14, 1547-54	27
1235	Colon adenomatous polyps--do they grow inward?. 1997 , 349, 1853-4	19
1234	TGF-beta-mediated hepatocellular apoptosis by rat and human hepatoma cells and primary rat hepatocytes. 1997 , 26, 1079-92	86
1233	The apoptosis protector, bcl-2 protein, is downregulated in bile duct epithelial cells of human liver allografts. 1997 , 26, 535-42	38
1232	Identification of necrotic cell death by the TUNEL assay in the hypoxic-ischemic neonatal rat brain. 1997 , 230, 1-4	150
1231	From epithelial dysplasia to squamous carcinoma of the head and neck region: evolutive and prognostic histopathological markers. 1997 , 527, 49-51	22
1230	The position of the in vitro micronucleus test within the battery of screening for genotoxic potential determination and the regulatory guidelines. 1997 , 392, 175-81	18
1229	Nitric oxide via an inducible isoform of nitric oxide synthase is a possible factor to eliminate inflammatory cells from the central nervous system of mice with experimental allergic encephalomyelitis. 1997 , 73, 107-16	88
1228	The Norton Lecture: a review of the oligodendrocyte in the multiple sclerosis lesion. 1997 , 77, 135-52	125
1227	T-cell apoptosis in autoimmune diseases: termination of inflammation in the nervous system and other sites with specialized immune-defense mechanisms. 1997 , 20, 399-404	139
1226	Spatial learning induces neurogenesis in the avian brain. 1997 , 89, 115-28	103

1225	Sulindac sulfide induces several subpopulations of colon cancer cells, defined by PCNA/Ki-67 and DNA strand breaks. 1997 , 1359, 222-32	7
1224	Modulation of immune cell populations and activation markers in the pathogenesis of African swine fever virus infection. 1997 , 47, 31-40	31
1223	Complex causes of fatal myocardial infarction. 1997 , 11, 11-15	
1222	Cytokine-mediated neuronal apoptosis. 1997 , 30, 427-31	127
1221	Effects of N-methyl-D-aspartate-receptor blockade on high-potassium-induced neuronal death and glutamate release. 1997 , 226, 25-8	8
1220	Apoptosis induced in the spinal cord and dorsal root ganglion by infection of herpes simplex virus type 2 in the mouse. 1997 , 228, 99-102	22
1219	N-methyl-D-aspartate (NMDA) and non-NMDA glutamate receptor antagonists protect from apoptosis induced in the lateral geniculate nucleus of rabbits exposed to the dark. 1997 , 229, 185-8	5
1218	T3 treatment increases mitosis, then bax expression and apoptosis in the optic lobe of the chick embryo. 1997 , 231, 127-30	11
1217	Protein synthesis inhibitor transiently reduces neuronal death in the thalamus of spontaneously hypertensive rats following cortical infarction. 1997 , 233, 25-8	16
1216	Apoptosis induced by glufosinate ammonium in the neuroepithelium of developing mouse embryos in culture. 1997 , 222, 17-20	27
1215	Luminal peroxides in intestinal thiol-disulfide balance and cell turnover. 1997 , 118, 479-85	9
1214	Ischemic damage and subsequent proliferation of oligodendrocytes in focal cerebral ischemia. 1997 , 77, 849-861	107
1213	Axotomized septal cholinergic neurons rescued by nerve growth factor or neurotrophin-4/5 fail to express the inducible transcription factor c-Jun. 1997 , 78, 1037-49	20
1212	Abnormalities in the cerebellum and brainstem in homozygous lurcher mice. 1997 , 80, 175-90	34
1211	Evidence for an active type of cell death with ultrastructural features distinct from apoptosis: the effects of 3-acetylpyridine neurotoxicity. 1997 , 81, 721-34	26
1210	Hippocampal stimulation produces neuronal death in the immature brain. 1998 , 82, 337-48	57
1209	Effects of glial cell line-derived neurotrophic factor on axonal growth and apoptosis in adult mammalian sensory neurons in vitro. 1998 , 82, 545-58	48
1208	Quantitative evaluation of apoptosis and proliferation in renal cell carcinoma. Correlation to tumor subtype, cytological grade according to thoenes-classification and the occurrence of metastasis. 1997 , 193, 1-7	15

1207	Apoptosis and hair cell degeneration in the vestibular sensory epithelia of the guinea pig following a gentamicin insult. 1997 , 111, 177-84	52
1206	Cell death, cell proliferation, and estimates of hair cell life spans in the vestibular organs of chicks. 1997 , 114, 117-26	82
1205	Leukocytes in neuronal ceroid-lipofuscinoses: function and apoptosis. 1997 , 19, 317-22	12
1204	The role of tissue-fixed macrophages in apoptosis in the developing kidney. 1997 , 77, 325-32	6
1203	Beta cell apoptosis in T cell-mediated autoimmune diabetes. 1997 , 94, 213-8	307
1202	Apoptosis and Tissue Regression in the Marine Sponge <i>Microciona prolifera</i> . 1997 , 193, 239-241	11
1201	Aggregated amyloid-beta protein induces cortical neuronal apoptosis and concomitant "apoptotic" pattern of gene induction. 1997 , 17, 7736-45	254
1200	Oncogenic H-ras stimulates tumor angiogenesis by two distinct pathways. 1997 , 94, 861-6	393
1199	A case of lupus nephritis showing good clinical course and apoptosis in glomerular cells detected by the nick end labeling method. 1997 , 17, 466-70	3
1198	Presentation of Idented Acini in Rat Lactating Breast: A Histochemical and Ultrastructural Study. 1997 , 3, 251-252	
1197	The in vivo time course for elimination of adrenalectomy-induced apoptotic profiles from the granule cell layer of the rat hippocampus. 1997 , 17, 3981-9	97
1196	Apoptosis in bone physiology and disease. 1997 , 50, 132-7	76
1195	Selective degeneration fo Purkinje cells with Lewy body-like inclusions in aged NFHLACZ transgenic mice. 1997 , 17, 1064-74	60
1194	Deafferentation causes apoptosis in cortical sensory neurons in the adult rat. 1997 , 17, 7372-84	70
1193	Bax deficiency prevents the increased cell death of immature neurons in bcl-x-deficient mice. 1997 , 17, 3112-9	162
1192	XVIIIth International Symposium on Cerebral Blood Flow and Metabolism. 1997 , 17, S1-S806	
1191	Apoptosis. 1997 , 16, 89-115	
1190	Reduction of CuZn-superoxide dismutase activity exacerbates neuronal cell injury and edema formation after transient focal cerebral ischemia. 1997 , 17, 4180-9	396

1189	Activation of the cell death program by inhibition of proteasome function. 1997 , 94, 855-60	445
1188	Galpha12 and Galpha13 mediate differentiation of P19 mouse embryonal carcinoma cells in response to retinoic acid. 1997 , 272, 24461-7	38
1187	Sodium salicylate induces apoptosis via p38 mitogen-activated protein kinase but inhibits tumor necrosis factor-induced c-Jun N-terminal kinase/stress-activated protein kinase activation. 1997 , 94, 2869-73	250
1186	Inhibition of DLX-7 homeobox gene causes decreased expression of GATA-1 and c-myc genes and apoptosis. 1997 , 94, 3245-9	39
1185	TrkB signaling is required for postnatal survival of CNS neurons and protects hippocampal and motor neurons from axotomy-induced cell death. 1997 , 17, 3623-33	172
1184	Apoptosis resistance of nonobese diabetic peripheral lymphocytes linked to the Idd5 diabetes susceptibility region. 1997 , 94, 8670-4	106
1183	APOPTOSIS AND PROLIFERATION OF GROWTH PLATE CHONDROCYTES IN RABBITS. 1997 , 79-B, 483-486	26
1182	Apoptosis (programmed cell death) in idiopathic (primary) osteo-/myelofibrosis: naked nuclei in megakaryopoiesis reveal features of para-apoptosis. 1997 , 97, 137-43	25
1181	The role of CED-3-related cysteine proteases in apoptosis of cerebellar granule cells. 1997 , 17, 6105-13	127
1180	Yersinia signals macrophages to undergo apoptosis and YopJ is necessary for this cell death. 1997 , 94, 10385-90	347
1179	Normal and abnormal development of the human intrahepatic biliary system: a review. 1997 , 181, 19-32	37
1178	Physiology and pathophysiology of apoptosis in epithelial cells of the liver, pancreas, and intestine. 1997 , 273, G1174-88	74
1177	Relationship Between the Phenotypes of Circulating Erythrocytes and Cultured Erythroblasts in Paroxysmal Nocturnal Hemoglobinuria. 1997 , 90, 435-443	13
1176	CD2 Rescues T Cells From T-Cell Receptor/CD3 Apoptosis: A Role for the Fas/Fas-L System. 1997 , 89, 3717-3726	40
1175	Death of Bystander Cells by a Novel Pathway Involving Early Mitochondrial Damage in Human Immunodeficiency Virus-Related Lymphadenopathy. 1997 , 90, 209-216	44
1174	Inactivation of the Fanconi Anemia Group C Gene Augments Interferon-Induced Apoptotic Responses in Hematopoietic Cells. 1997 , 90, 974-985	152
1173	A Role for T-Helper Type-1 and Type-2 Cytokines in the Regulation of Human Monocyte Apoptosis. 1997 , 90, 1618-1625	65
1172	Fas is expressed in human atherosclerotic intima and promotes apoptosis of cytokine-primed human vascular smooth muscle cells. 1997 , 17, 2200-8	224

1171	Apoptosis after stent implantation compared with balloon angioplasty in rabbits. Role of macrophages. 1997 , 17, 2383-8	72
1170	Mechanisms of cell death induced by the mitochondrial toxin 3-nitropropionic acid: acute excitotoxic necrosis and delayed apoptosis. 1997 , 17, 3064-73	223
1169	Mutant superoxide dismutase-1-linked familial amyotrophic lateral sclerosis: molecular mechanisms of neuronal death and protection. 1997 , 17, 8756-66	181
1168	Cadmium-Induced Apoptosis in the Proximal Tubules of Rat Kidney. 1997 , 39, 242-243	2
1167	A high apoptotic index occurs in subtypes of endometrial adenocarcinoma associated with a poor prognosis. 1997 , 29, 272-5	6
1166	Apoptosis: a mechanism contributing to remodeling of skeletal muscle in response to hindlimb unweighting. 1997 , 273, C579-87	265
1165	Mechanisms of reduced striatal NMDA excitotoxicity in type I nitric oxide synthase knock-out mice. 1997 , 17, 6908-17	175
1164	p53 expression induces apoptosis in hippocampal pyramidal neuron cultures. 1997 , 17, 1397-405	149
1163	Apoptosis and its relation to the cell cycle in the developing cerebral cortex. 1997 , 17, 1075-85	323
1162	Microvessel density, p53 overexpression, and apoptosis in invasive breast carcinoma. 1997 , 50, 304-9	8
1161	Three-dimensional cell cultures: from molecular mechanisms to clinical applications. 1997 , 273, C1109-23	408
1160	Up-regulation of Bax protein in degenerating retinal ganglion cells precedes apoptotic cell death after optic nerve lesion in the rat. 1997 , 9, 1763-72	140
1159	Studies on DNA fragmentation and disruption of the blood-brain barrier in delayed radiation injuries in the rat brain. 1997 , 17, 277-283	7
1158	Characterization of isolated duodenal epithelial cells along a crypt-villus axis in rats fed diets with different iron content. 1997 , 12, 829-38	9
1157	Evidence that expression of a mutated p53 gene attenuates apoptotic cell death in human gastric intestinal-type carcinomas in vivo. 1997 , 88, 468-75	26
1156	Apoptosis and necrosis in the newborn piglet brain following transient cerebral hypoxia-ischaemia. 1997 , 23, 16-25	136
1155	DNA-fragmentation and expression of apoptosis-related proteins in experimentally denervated and reinnervated rat facial muscle. 1997 , 23, 141-149	53
1154	DNA fragmentation in normal development of the human central nervous system: a morphological study during corticogenesis. 1997 , 23, 203-211	27

1153	Apoptosis in measles virus-infected human central nervous system tissues. 1997 , 23, 218-224	34
1152	Expression of pro- and anti-apoptosis gene products in brains from paediatric patients with HIV-1 encephalitis. 1997 , 23, 242-253	33
1151	Cell death in perinatal hypoxic&chaemic brain injury. 1997 , 23, 307-314	44
1150	Proliferation and DNA fragmentation in meningioma subtypes. 1997 , 23, 496-506	36
1149	Increased endothelial expression of transglutaminase in glioblastomas. 1997 , 23, 507-11	11
1148	Pentoxifylline reduces the formation of sunburn cells. 1997 , 6, 1-5	22
1147	Detection of apoptosis-related factors and apoptotic cells in ameloblastomas: analysis by immunohistochemistry and an in situ DNA nick end-labelling method. 1997 , 26, 419-25	62
1146	Apoptosis-associated markers in oral lichen planus. 1997 , 26, 170-5	86
1145	Expression of intercellular adhesion molecule-1 (ICAM-1) on vascular endothelial cells and renal tubular cells in the generalized Schwartzman reaction as an experimental disseminated intravascular coagulation model. 1997 , 18, 67-74	12
1144	Two pathways for induction of apoptosis by ultraviolet radiation in cultured human keratinocytes. 1997 , 109, 163-9	78
1143	Fibronectin suppresses apoptosis in normal human melanocytes through an integrin-dependent mechanism. 1997 , 108, 147-53	69
1142	Transient expression of epidermal filaggrin in cultured cells causes collapse of intermediate filament networks with alteration of cell shape and nuclear integrity. 1997 , 108, 179-87	71
1141	1,25-dihydroxyvitamin D3, transforming growth factor beta1, calcium, and ultraviolet B radiation induce apoptosis in cultured human keratinocytes. 1997 , 109, 276-82	72
1140	The effects of trypsin on apoptosis, utriculi size, and skin elasticity in the Rhino mouse. 1997 , 109, 370-6	15
1139	Autocrine nerve growth factor protects human keratinocytes from apoptosis through its high affinity receptor (TRK): a role for BCL-2. 1997 , 109, 757-64	83
1138	Apoptotic DNA fragmentation is detected by a semi-quantitative ligation-mediated PCR of blunt DNA ends. 1997 , 4, 66-75	119
1137	Apoptosis of the mammalian retina and lens. 1997 , 4, 21-8	11
1136	Apoptosis in mammalian eye development: lens morphogenesis, vascular regression and immune privilege. 1997 , 4, 12-20	60

1135	Rearrangement of the tubulin and actin cytoskeleton during programmed cell death in <i>Drosophila</i> salivary glands. 1997 , 4, 140-9	43
1134	Apoptosis in the rat mammary gland and ventral prostate: detection of cell death-associated genes using a coincident-expression cloning approach. 1997 , 4, 114-24	18
1133	Less death in the dying. 1997 , 4, 242-6	13
1132	Cell death in the gastrulating chick embryo: potential roles for tumor necrosis factor-alpha (TNF-alpha). 1997 , 4, 188-99	8
1131	The avian transcription factor c-Rel is induced and translocates into the nucleus of thymocytes undergoing apoptosis. 1997 , 4, 413-22	9
1130	A <i>Bacillus thuringiensis</i> delta-endotoxin induces programmed cell death in mosquito larvae. 1997 , 4, 560-9	14
1129	Unscheduled apoptosis during acute inflammatory lung injury. 1997 , 4, 600-7	51
1128	Butyrate- but not TGFbeta1-induced apoptosis of colorectal adenoma cells is associated with increased expression of the differentiation markers E-cadherin and alkaline phosphatase. 1997 , 4, 725-32	20
1127	Autocrine proliferating B cells are susceptible to terminal differentiation and apoptosis. 1997 , 4, 824-33	1
1126	The hepatitis B virus X gene potentiates c-myc-induced liver oncogenesis in transgenic mice. 1997 , 14, 395-404	255
1125	Differentiation induced by RB expression and apoptosis induced by p53 expression in an osteosarcoma cell line. 1997 , 14, 1389-96	34
1124	A link between metastasis and resistance to apoptosis of variant small cell lung carcinoma. 1997 , 14, 2167-73	96
1123	A human papillomavirus type 18 E6/E7 transgene sensitizes mouse lens cells to human wild-type p53-mediated apoptosis. 1997 , 14, 2991-8	10
1122	gamma-Ray-induced apoptosis in transgenic mice with proliferative abnormalities in their intestinal epithelium: re-entry of villus enterocytes into the cell cycle does not affect their radioresistance but enhances the radiosensitivity of the crypt by inducing p53. 1997 , 15, 131-41	35
1121	Induction of senescence in human malignant glioma cells by p16INK4A. 1997 , 15, 505-14	127
1120	v-Rel prevents apoptosis in transformed lymphoid cells and blocks TNFalpha-induced cell death. 1997 , 15, 971-80	25
1119	K-ras is essential for the development of the mouse embryo. 1997 , 15, 1151-9	275
1118	Overexpression of Bcl-2 inhibits alveolar cell apoptosis during involution and accelerates c-myc-induced tumorigenesis of the mammary gland in transgenic mice. 1997 , 15, 1787-95	135

1117	p53-induced apoptosis in the human T-ALL cell line CCRF-CEM. 1997 , 15, 2429-37	33
1116	Induction of Mdm2 and enhancement of cell survival by bFGF. 1997 , 15, 2717-25	95
1115	Expression of interleukin-1 beta converting enzyme gene family and bcl-2 gene family in the rat brain following permanent occlusion of the middle cerebral artery. 1997 , 17, 11-8	145
1114	DNA fragmentation and Prolonged expression of c-fos, c-jun, and hsp70 in kainic acid-induced neuronal cell death in transgenic mice overexpressing human CuZn-superoxide dismutase. 1997 , 17, 241-56	74
1113	Detection of higher-order 50- and 10-kbp DNA fragments before apoptotic internucleosomal cleavage after transient cerebral ischemia. 1997 , 17, 376-87	54
1112	Immunoreactivity of cyclin D1/cdk4 in neurons and oligodendrocytes after focal cerebral ischemia in rat. 1997 , 17, 846-56	67
1111	DNA fragmentation follows delayed neuronal death in CA1 neurons exposed to transient global ischemia in the rat. 1997 , 17, 967-76	139
1110	Ischemic brain injury is mediated by the activation of poly(ADP-ribose)polymerase. 1997 , 17, 1143-51	561
1109	Evidence that spinal interneurons undergo programmed cell death postnatally in the rat. 1997 , 9, 794-9	38
1108	Alpha beta and gamma delta T-cell networks and their roles in natural resistance to viral infections. 1997 , 159, 79-93	71
1107	Effects of 1,25-dihydroxyvitamin D3 and its 20-epi analogues (MC 1288, MC 1301, KH 1060), on clonal keratinocyte growth: evidence for differentiation of keratinocyte stem cells and analysis of the modulatory effects of cytokines. 1997 , 120, 1119-27	22
1106	Apoptosis and delayed degeneration after spinal cord injury in rats and monkeys. 1997 , 3, 73-6	971
1105	The absence of c-fos prevents light-induced apoptotic cell death of photoreceptors in retinal degeneration in vivo. 1997 , 3, 346-9	258
1104	Essential roles of the Fas ligand in the development of hepatitis. 1997 , 3, 409-13	448
1103	p73 is a simian [correction of human] p53-related protein that can induce apoptosis. 1997 , 389, 191-4	844
1102	A role for Cajal-Retzius cells and reelin in the development of hippocampal connections. 1997 , 385, 70-4	404
1101	Bax suppresses tumorigenesis and stimulates apoptosis in vivo. 1997 , 385, 637-40	561
1100	Wnt signalling required for expansion of neural crest and CNS progenitors. 1997 , 389, 966-70	595

1099	Spatial association of apoptosis-related gene expression and cellular death in clinical neuroblastoma. 1997 , 75, 1185-94	38
1098	Fas receptor is expressed in human lung squamous cell carcinomas, whereas bcl-2 and apoptosis are not pronounced: a preliminary report. 1997 , 76, 175-9	25
1097	Apoptosis and proliferation in thyroid carcinoma: correlation with bcl-2 and p53 protein expression. 1997 , 75, 537-41	79
1096	Peritoneal dialysis solution induces apoptosis of mesothelial cells. 1997 , 51, 1280-8	50
1095	Pyelonephritis provokes growth retardation and apoptosis in infant rat renal cortex. 1997 , 51, 1855-62	15
1094	Role of caspases (ICE/CED 3 proteases) in DNA damage and cell death in response to a mitochondrial inhibitor, antimycin A. 1997 , 52, 438-45	58
1093	Biology of acute renal failure: therapeutic implications. 1997 , 52, 1102-15	52
1092	Effects of integrins on proliferation and apoptosis of renal epithelial cells after acute injury. 1997 , 52, 1511-20	19
1091	Renal microcirculation and tissue damage during acute ureteral obstruction in the rat: effect of saline infusion, indomethacin and radiocontrast. 1997 , 51, 653-63	50
1090	Studies on the mechanism of dimethylnitrosamine-induced acute liver injury in mice. 1997 , 49, 375-80	17
1089	T-2 toxin-induced apoptosis in lymphoid organs of mice. 1997 , 49, 387-92	53
1088	T-2 toxin-induced apoptosis in intestinal crypt epithelial cells of mice. 1997 , 49, 447-50	35
1087	Apoptosis, haemopoiesis and leukaemogenesis. 1997 , 10, 561-76	11
1086	Disruption of mouse ERCC1 results in a novel repair syndrome with growth failure, nuclear abnormalities and senescence. 1997 , 7, 427-39	287
1085	Morphological and biochemical characterization and analysis of apoptosis. 1997 , 37, 215-28	372
1084	Photo-oxidative disruption of lysosomal membranes causes apoptosis of cultured human fibroblasts. 1997 , 23, 616-26	247
1083	Mechanisms of retinal angiogenesis. 1997 , 16, 157-181	51
1082	Cell cycle regulation in the lens: Proliferation, quiescence, apoptosis and differentiation. 1997 , 16, 303-322	28

1081	Investigating retinitis pigmentosa: a laboratory scientist's perspective. 1997 , 16, 353-373	21
1080	Rethinking immunological privilege: implications for corneal and limbal stem cell transplantation. 1997 , 3, 495-501	20
1079	Apoptosis and proliferative activity of non-Hodgkin's lymphomas: comparison with expression of bcl-2, p53 and c-myc proteins. 1997 , 47, 90-4	13
1078	Immunohistochemical study of necrotizing lymphadenitis: a possible mechanism for apoptosis involving perforin and granzyme-producing cytotoxic T cells. 1997 , 47, 31-7	9
1077	Expression of Bcl-2 in human breast cancer: correlation between hormone receptor status, p53 protein accumulation and DNA strand breaks associated with apoptosis. 1997 , 47, 757-62	18
1076	Fas antigen expression and its relationship with apoptosis in transplanted kidney. 1997 , 47, 230-7	22
1075	Morphologic characteristics of N-methyl-N-nitrosourea-induced retinal degeneration in C57BL mice. 1997 , 47, 377-83	45
1074	Frequent occurrence of hepatocytic apoptosis in acute rejection of the grafted rat liver. 1997 , 47, 518-24	13
1073	A very sensitive coupled luminescent assay for cytotoxicity and complement-mediated lysis. 1997 , 207, 43-51	44
1072	Curcumin, a natural plant phenolic food additive, inhibits cell proliferation and induces cell cycle changes in colon adenocarcinoma cell lines by a prostaglandin-independent pathway. 1997 , 130, 576-84	194
1071	Cellular deoxyribonucleic acid fragmentation during operative course in human saphenous vein grafts. 1997 , 114, 1117-8	
1070	Protection of rat spinal cord from ischemia with dextrorphan and cycloheximide: effects on necrosis and apoptosis. 1997 , 114, 609-18	39
1069	Apoptosis in retinal ganglion cell decrease in human glaucomatous eyes. 1997 , 41, 84-8	63
1068	Morphological evidence of apoptosis in chickens infected with infectious bursal disease virus. 1997 , 116, 367-77	27
1067	Increased placental apoptosis in intrauterine growth restriction. 1997 , 177, 1395-401	314
1066	Placental apoptosis in normal human pregnancy. 1997 , 177, 57-65	344
1065	Bcl-2 and Fas expression in eutopic and ectopic human endometrium during the menstrual cycle in relation to endometrial cell apoptosis. 1997 , 176, 360-8	105
1064	Apoptosis in the striatum of rats following intraperitoneal injection of 3-nitropropionic acid. 1997 , 745, 343-7	49

1063	Cell death in the inner ear associated with aging is apoptosis?. 1997 , 747, 147-50	63
1062	A comparison of cathepsin B processing and distribution during neuronal death in rats following global ischemia or decapitation necrosis. 1997 , 751, 206-16	43
1061	Evidence of apoptosis in primary neuronal cultures after heat shock. 1997 , 764, 205-13	38
1060	Coordinate reduction in cell proliferation and cell death in mouse olfactory epithelium from birth to maturity. 1997 , 761, 347-51	26
1059	Apoptosis and protein expression after focal cerebral ischemia in rat. 1997 , 765, 301-12	144
1058	Effects of chronic lithium treatment on ornithine decarboxylase induction and excitotoxic neuropathology in the rat. 1997 , 765, 164-8	18
1057	Evidence of apoptotic procedure in deafferented striatum after cortical injury in young adult rats. 1997 , 765, 319-23	1
1056	Impaired brain development and reduced astrocyte response to injury in transgenic mice expressing IGF binding protein-1. 1997 , 769, 97-107	64
1055	Contribution of somal Lewy bodies to neuronal death. 1997 , 775, 24-9	140
1054	Neuronal DNA damage precedes tangle formation and is associated with up-regulation of nitrotyrosine in Alzheimer's disease brain. 1997 , 774, 193-9	164
1053	Characterization of the cells that migrate from metrial glands of the pregnant mouse uterus during explant culture. 1997 , 32, 241-63	27
1052	Bcl-2 expression and apoptosis in human trophoblast. 1997 , 18, 63-74	
1051	Morphological changes and apoptosis in bone marrow from patients with myelodysplastic syndromes treated with granulocyte-CSF and erythropoietin. 1997 , 21, 415-25	104
1050	TUNEL-positive hepatocytes in alcoholic liver disease. A retrospective biopsy study using DNA nick end-labelling. 1997 , 431, 337-44	36
1049	Menadione-induced cytotoxicity to rat osteoblasts. 1997 , 53, 967-76	29
1048	Glutamate transporter EAAC-1-deficient mice develop dicarboxylic aminoaciduria and behavioral abnormalities but no neurodegeneration. 1997 , 16, 3822-32	279
1047	Yolk sac angiogenic defect and intra-embryonic apoptosis in mice lacking the Ets-related factor TEL. 1997 , 16, 4374-83	215
1046	Interferon action and apoptosis are defective in mice devoid of 2',5'-oligoadenylate-dependent RNase L. 1997 , 16, 6355-63	438

1045	Defective B cell receptor-mediated responses in mice lacking the Ets protein, Spi-B. 1997 , 16, 7118-29		131
1044	Transgenic mice with p53-responsive lacZ: p53 activity varies dramatically during normal development and determines radiation and drug sensitivity in vivo. 1997 , 16, 1391-400		223
1043	Induction of apoptosis by the transcription factor c-Jun. 1997 , 16, 1695-709		330
1042	Functional redundancy of the Nur77 and Nor-1 orphan steroid receptors in T-cell apoptosis. 1997 , 16, 1865-75		235
1041	An early and massive wave of germinal cell apoptosis is required for the development of functional spermatogenesis. 1997 , 16, 2262-70		422
1040	T-cell receptor ligation by peptide/MHC induces activation of a caspase in immature thymocytes: the molecular basis of negative selection. 1997 , 16, 2282-93		73
1039	Dopamine-induced apoptosis is inhibited in PC12 cells expressing Bcl-2. 1997 , 17, 289-304		58
1038	Therapy for oral squamous cell carcinoma by tegafur and streptococcal agent OK-432 in combination with radiotherapy: association of the therapeutic effect with differentiation and apoptosis in the cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1997 , 2, 227-38	5.4	30
1037	Quantitative comparison of in situ methods for detecting apoptosis induced by X-ray irradiation in mouse thymus. 1997 , 29, 823-30		10
1036	Simultaneous in situ hybridization and TUNEL to identify cells undergoing apoptosis. 1997 , 29, 413-8		11
1035	Apoptotic myocardial degeneration in thrombotic thrombocytopenic purpura. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1997 , 2, 384-94	5.4	18
1034	Spontaneous death of isolated adult rat cardiocytes in culture in association with internucleosomal cleavage of genomic DNA. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1997 , 2, 178-88 ^{5.4}		5
1033	Poly(ADP-ribose) synthesis: a useful parameter for identifying apoptotic cells. 1997 , 29, 831-7		19
1032	The treatment with differentiation- and apoptosis-inducing agent, vesnarinone, of a patient with oral squamous cell carcinoma. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1997 , 2, 313-8	5.4	6
1031	Early effects in chemical-induced rat liver carcinogenesis: an immunohistochemical study following exposure to 0.04% AAF. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1997 , 2, 91-100	5.4	5
1030	Arachidonic acid induces DNA-fragmentation in human polymorphonuclear neutrophil granulocytes. 1997 , 21, 463-74		34
1029	Programmed cell death (apoptosis) in cord blood lymphocytes. 1997 , 17, 63-73		33
1028	Kinetics of Fas-induced apoptosis in thymic organ culture. 1997 , 17, 74-84		19

1027	Germ cell apoptosis after treatment of cryptorchidism with human chorionic gonadotropin is associated with impaired reproductive function in the adult. 1997 , 100, 2341-6		108
1026	A yeast mutant showing diagnostic markers of early and late apoptosis. <i>Journal of Cell Biology</i> , 1997 , 139, 729-34	73	672
1025	Major DNA fragmentation is a late event in apoptosis. 1997 , 45, 923-34		364
1024	Augmentation of lipopolysaccharide-induced thymocyte apoptosis by interferon-gamma. 1997 , 177, 103-8		22
1023	Apoptosis of myelin-reactive T cells induced by reactive oxygen and nitrogen intermediates in vitro. 1997 , 178, 1-8		75
1022	Coexpression of CD40 and class II antigen HLA-DR in Graves' disease thyroid epithelial cells. 1997 , 84, 212-5		42
1021	Apoptotic index in ovarian carcinoma: correlation with clinicopathologic factors and prognosis. 1997 , 66, 439-48		43
1020	Evidence for the induction of apoptosis in thymocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin in vivo. 1997 , 142, 367-77		124
1019	Spermatogenic cell apoptosis induced by mitomycin C in the mouse testis. 1997 , 147, 204-13		19
1018	Elevated ovarian follicular apoptosis and heat shock protein-70 expression in white sucker exposed to bleached kraft pulp mill effluent. 1997 , 147, 391-8		98
1017	Apoptosis in acute and chronic central nervous system disease induced by Theiler's murine encephalomyelitis virus. 1997 , 228, 388-93		116
1016	A BIR motif containing gene of African swine fever virus, 4CL, is nonessential for growth in vitro and viral virulence. 1997 , 230, 252-64		56
1015	Interferon-gamma protects against herpes simplex virus type 1-mediated neuronal death. 1997 , 238, 189-97		101
1014	The myxoma virus M-T4 gene encodes a novel RDEL-containing protein that is retained within the endoplasmic reticulum and is important for the productive infection of lymphocytes. 1997 , 239, 360-77		75
1013	Evidence of apoptosis in neuroblastoma at onset and relapse. An analysis of a large series of tumors. 1997 , 31, 209-15		9
1012	Apoptosis extent increases in hybridoma cultures with temperature. 1997 , 19, 669-673		7
1011	Axotomy-induced apoptosis in adult rat primary sensory neurons. 1997 , 26, 615-24		83
1010	New aspects of endochondral ossification in the chick: chondrocyte apoptosis, bone formation by former chondrocytes, and acid phosphatase activity in the endochondral bone matrix. 1997 , 12, 795-805		96

1009	Specific inhibitors of vacuolar H(+)-ATPase trigger apoptotic cell death of osteoclasts. 1997 , 12, 1116-23	55
1008	Apoptosis: a new pharmacodynamic endpoint. 1997 , 14, 1659-71	32
1007	The Relationship of Lymphocytic Thyroiditis to the Development of Thyroid Carcinoma. 1997 , 8, 225-230	34
1006	Acute cellular damage in medial smooth muscle cells following experimental coronary angioplasty in dog. Damage of cytoskeleton and apoptosis. 1997 , 12, 157-66	1
1005	T lymphocyte apoptosis induced by CD8 α chimera. 1997 , 42, 222-227	1
1004	The role of apoptosis in intestinal disease. 1997 , 32, 414-23	11
1003	Cell death caused by the acute effects of aminoglycoside and zinc in the ampullary cristae of guinea pigs. 1997 , 254, 153-7	12
1002	Clinical and biological considerations regarding glioma based on the TUNEL method and immunohistochemical staining using apoptosis-related antibodies. 1997 , 14, 97-102	1
1001	Experimental glomerulonephritis induced by a low dose of anti-thy-1 antibody. 1997 , 1, 99-109	3
1000	Apoptosis of hypertrophic chondrocytes in rat cartilaginous growth plate. 1997 , 2, 328-333	8
999	Gentamicin ototoxicity induced apoptosis of the vestibular hair cells of guinea pigs. 1997 , 254, 9-14	54
998	Apoptotic cell nuclei favour aggregation and fluorescence quenching of DNA dyes. 1997 , 108, 67-75	30
997	Simultaneous triple fluorescence detection of mRNA localization, nuclear DNA, and apoptosis in cultured cells using confocal scanning laser microscopy. 1997 , 108, 307-11	15
996	Proliferation and apoptosis in proliferative lesions of the colon and rectum. 1997 , 431, 111-7	81
995	Frequency and distribution of DNA fragmentation as a marker of cell death in chronic liver diseases. 1997 , 431, 189-94	16
994	Frequency of apoptosis relates inversely to invasiveness and metastatic activity in human colorectal cancer. 1997 , 431, 241-8	28
993	Patterns of cell death during gastrulation in chick and mouse embryos. 1997 , 195, 147-54	26
992	Cell death during tooth eruption in the rat: surrounding tissues of the crown. 1997 , 195, 427-34	31

991	Influence of elevated expression of rat wild-type PMP22 and its mutant PMP22Trembler on cell growth of NIH3T3 fibroblasts. 1997 , 287, 459-70	51
990	Effect of aging and dietary restriction on hepatocyte proliferation and death in male F344 rats. 1997 , 288, 69-77	33
989	Apoptosis in phagocytotic cells of lymphoid tissues in rainbow trout (<i>Oncorhynchus mykiss</i>) following administration of clodronate liposomes. 1997 , 289, 323-31	23
988	Chiasmal gliomas with spontaneous regression: proliferation and apoptosis. 1997 , 13, 229-33	65
987	On the question of apoptosis in the parkinsonian substantia nigra. 1997 , 93, 105-8	128
986	p53 accumulation and apoptosis in embolized meningiomas. 1997 , 93, 599-605	12
985	Apoptotic nuclear degeneration in Marinesco-Sjögren syndrome. 1997 , 94, 410-5	34
984	Apoptotic cell death in vulnerable subpopulation of cerebellar granule cells. 1997 , 94, 517-8	4
983	Hair cycle-dependent expression of a nonspecific cross reacting antigen (NCA)-50/90-like molecule on follicular keratinocytes. 1997 , 289, 457-65	9
982	The role of granzyme B-expressing CD8-positive T cells in apoptosis of keratinocytes in lichen planus. 1997 , 289, 527-32	56
981	Detection of programmed cell death in anagen hair follicles of guinea pig skin by labeling of nick ends of fragmented DNA. 1997 , 289, 603-5	6
980	Detection of cell death in human skin wounds of various ages by an in situ end labeling of nuclear DNA fragments. 1997 , 110, 240-3	25
979	Muscle apoptosis in humans occurs in normal and denervated muscle, but not in myotonic dystrophy, dystrophinopathies or inflammatory disease. 1997 , 1, 81-7	47
978	Induction of apoptosis in multi-drug resistant (MDR) human glioblastoma cells by SN-38, a metabolite of the camptothecin derivative CPT-11. 1997 , 39, 417-23	47
977	Delayed neuronal death following perinatal asphyxia in rat. 1997 , 115, 105-15	73
976	Fluoride mediates apoptosis in osteosarcoma UMR 106 and its cytotoxicity depends on the pH. 1997 , 72, 52-8	32
975	Absence of apoptosis in somatotropinomas treated with octreotide. 1997 , 139, 851-6	17
974	Loss and apoptosis of smooth muscle cells in intracranial aneurysms. Studies with in situ DNA end labeling and antibody against single-stranded DNA. 1997 , 139, 469-74; discussion 474-5	59

973	Programmed cell death of plant tracheary elements differentiating in vitro. 1997 , 196, 197-211	140
972	Photoreceptor decay over time and apoptosis in experimental retinal detachment. 1997 , 235, 306-12	53
971	Transurethral balloon laser thermotherapy induces long-lasting apoptosis of prostatic smooth muscle cells in human prostatic hyperplasia. 1997 , 30, 235-239	1
970	Regulation and significance of apoptosis in the stem cells of the gastrointestinal epithelium. 1997 , 15, 82-93	244
969	Immunohistochemical study on tissue transglutaminase and copper-zinc superoxide dismutase in human myocardium: its relevance to apoptosis detected by the nick end labelling method. 1997 , 430, 333-8	12
968	Proliferative activity and p53 protein accumulation correlate with early invasive trend, and apoptosis correlates with differentiation grade in oesophageal squamous cell carcinomas. 1997 , 430, 107-15	23
967	A purine nucleoside phosphorylase (PNP) inhibitor induces apoptosis via caspase-3-like protease activity in MOLT-4 T cells. 1997 , 37, 231-44	10
966	Immunological tolerance in germinal centres. 1997 , 18, 27-32	58
965	Lymphoid cell accumulation in salivary glands of autoimmune MRL mice can be due to impaired apoptosis. 1997 , 46, 373-8	25
964	Cell renewal, cell differentiation and programmed cell death (apoptosis) in pilomatrixoma. 1997 , 137, 714-720	3
963	The sensitivity of Fanconi anaemia group C cells to apoptosis induced by mitomycin C is due to oxygen radical generation, not DNA crosslinking. 1997 , 96, 240-7	75
962	Evaluation of DNA analysis for evidence of apoptosis in megaloblastic anaemia. 1997 , 96, 576-83	17
961	Rescue by cytokines of apoptotic cell death induced by IL-2 deprivation of human antigen-specific T cell clones. 1997 , 109, 185-93	31
960	Measles virus induces apoptotic cell death in lymphocytes activated with phorbol 12-myristate 13-acetate (PMA) plus calcium ionophore. 1997 , 108, 266-71	12
959	Malignant struma ovarii' with peritoneal dissemination. 1997 , 31, 289-90	15
958	Down-regulation of CD95 (Fas/Apo-1) in the epithelia of adenovirus-infected appendices. 1997 , 31, 342-6	8
957	Nasal T/NK cell lymphomas commonly express perforin and Fas ligand: important mediators of tissue damage. 1997 , 31, 444-50	59
956	Apoptosis occurs more frequently in intraductal carcinoma than in infiltrating duct carcinoma of human breast cancer and correlates with altered p53 expression: detected by terminal-deoxynucleotidyl-transferase-mediated dUTP-FITC nick end labelling (TUNEL). 1997 , 31, 534-9	27

955	Proliferation and apoptosis in primary gastric B-cell non-Hodgkin's lymphoma. 1997 , 30, 152-9	16
954	Accumulation of CTLA-4 expressing T lymphocytes in the germinal centres of human lymphoid tissues. 1997 , 90, 265-71	24
953	Apoptosis with FasL+ cell infiltration in the periphery and thymus of corrected autoimmune mice. 1997 , 92, 206-13	6
952	Stage-specific degeneration of germ cells in the seminiferous tubules of non-obese diabetic mice. 1997 , 20, 243-53	42
951	The intestinal epithelial stem cell: the mucosal governor. 1997 , 78, 219-43	392
950	Fas and Fas ligand expression in the salivary glands of patients with primary Sjögren's syndrome. 1997 , 40, 87-97	190
949	Apoptosis in the rheumatic diseases. 1997 , 40, 1917-27	80
948	Ribozyme-based gene cleavage approach to chronic arthritis associated with human T cell leukemia virus type I: induction of apoptosis in synoviocytes by ablation of HTLV-I tax protein. 1997 , 40, 2118-27	10
947	Epithelial stem cells. 1997 , 19, 683-90	56
946	Multiple sclerosis: oligodendrocytes display cell death-related molecules in situ but do not undergo apoptosis. 1997 , 42, 74-84	190
945	Hypoxia-ischemia causes abnormalities in glutamate transporters and death of astroglia and neurons in newborn striatum. 1997 , 42, 335-48	248
944	Failure to down-regulate Bcl-2 protein in thymic germinal center B cells in myasthenia gravis. 1997 , 27, 805-9	32
943	G1 arrest and high expression of cyclin kinase and apoptosis inhibitors in accumulated activated/memory phenotype CD4+ cells of older lupus mice. 1997 , 27, 1901-10	41
942	Double-positive T cell receptor(high) thymocytes are resistant to peptide/major histocompatibility complex ligand-induced negative selection. 1997 , 27, 2279-89	24
941	Apoptosis after ischemia-reperfusion in human liver allografts. 1997 , 3, 407-15	94
940	Effect of preoperative 5-fluorouracil on apoptosis of advanced gastric cancer. 1997 , 65, 106-10	15
939	Excitotoxic neuronal death in the immature brain is an apoptosis-necrosis morphological continuum. 1997 , 378, 10-87	53
938	Non-NMDA and NMDA receptor-mediated excitotoxic neuronal deaths in adult brain are morphologically distinct: Further evidence for an apoptosis-necrosis continuum. 1997 , 378, 88-104	296

937	Effects of excitatory amino acids on neuromuscular development in the chick embryo. 1997 , 387, 73-95	28
936	Developmental changes in GABA neurons of the rat dentate gyrus: An in situ hybridization and birthdating study. 1997 , 389, 402-418	31
935	Apoptosis of human monocytes/macrophages in Mycobacterium tuberculosis infection. 1997 , 181, 31-8	101
934	Apoptosis in operated small cell lung carcinoma is inversely related to tumour necrosis and p53 immunoreactivity. 1997 , 181, 172-7	35
933	Ultrastructural and confocal laser scanning microscopic examination of TUNEL-positive cells. 1997 , 181, 235-42	18
932	Tumour growth fraction and apoptosis in salivary gland acinic cell carcinomas. Prognostic implications of Ki-67 and bcl-2 expression and of in situ end labelling (TUNEL). 1997 , 181, 323-9	47
931	The protective effects of L-arginine after liver ischaemia/reperfusion injury in a pig model. 1997 , 183, 477-85	27
930	Midkine and secondary neurulation. 1997 , 55, 213-23	11
929	Induction of thermotolerance in early postimplantation rat embryos is associated with increased resistance to hyperthermia-induced apoptosis. 1997 , 56, 210-9	32
928	Correlation of DNA fragmentation and chromatin condensation in apoptotic nuclei of the Ser 6 mouse retina. 1997 , 36, 123-9	8
927	Transient tyrosine phosphorylation of p34cdc2 is an early event in radiation-induced apoptosis of prostate cancer cells. 1997 , 32, 266-71	7
926	Transforming growth factor beta 1 transduced mouse prostate reconstitutions: II. Induction of apoptosis by doxazosin. 1997 , 33, 157-63	50
925	Expression of Fas antigen is not associated with apoptosis in human myopathies. 1997 , 20, 702-9	29
924	Apoptosis is not the mechanism of cell death of muscle fibers in human muscular dystrophies and inflammatory myopathies. 1997 , 20, 1328-30	29
923	Up-regulated P21CIP1 expression is part of the regulation quantitatively controlling serum deprivation-induced apoptosis. 1997 , 64, 434-446	44
922	Apoptotic cell death in neuronal differentiation of P19 EC cells: cell death follows reentry into S phase. 1997 , 172, 25-35	27
921	Collagen phagocytosis and apoptosis are induced by high level alkaline phosphatase expression in rat fibroblasts. 1997 , 172, 323-33	19
920	Molecular mechanisms of melanoma metastasis. 1997 , 173, 275-8	58

919	Sexually dimorphic neuron addition to an avian song-control region is not accounted for by sex differences in cell death. 1997 , 33, 61-71	25
918	Methamphetamine induces apoptosis in immortalized neural cells: protection by the proto-oncogene, bcl-2. 1997 , 25, 176-84	105
917	Inhibition of cell death by lens-specific overexpression of bcl-2 in transgenic mice. 1997 , 20, 276-87	41
916	Daughterless is required for the expression of cell cycle genes in peripheral nervous system precursors of Drosophila embryos. 1997 , 21, 117-22	14
915	Enhanced induction of apoptosis of human gastric carcinoma cells after preoperative treatment with 5-fluorouracil. 1997 , 79, 12-17	22
914	Activation of the K-ras oncogene in colorectal neoplasms is Associated with decreased apoptosis. 1997 , 79, 1106-1113	53
913	Retinoblastoma protein expression and MIB-1 correlate with survival of patients with malignant astrocytoma. 1997 , 80, 242-9	46
912	Morphological analysis of germ cell apoptosis during postnatal testis development in normal and Hsp 70-2 knockout mice. 1997 , 208, 125-36	115
911	Overlapping expression domains of bone morphogenetic protein family members potentially account for limited tissue defects in BMP7 deficient embryos. 1997 , 208, 349-62	387
910	Trypsin-induced follicular papilla apoptosis results in delayed hair growth and pigmentation. 1997 , 208, 553-64	22
909	Chondrocyte survival and differentiation in situ are integrin mediated. 1997 , 210, 249-63	101
908	Apoptotic cell death during the estrous cycle in the rat uterus and vagina. 1997 , 248, 76-83	56
907	Paclitaxel-induced apoptosis in MCF-7 breast-cancer cells. 1997 , 70, 214-20	80
906	Growth inhibition and apoptotic cell death in uterine cervical carcinoma cells induced by 5-fluorouracil. 1997 , 71, 668-74	20
905	Leukemia inhibitory factor induces apoptosis and proliferation of human carcinoma cells through different oncogene pathways. 1997 , 72, 687-95	23
904	bcl-2 and bak may play a pivotal role in sodium butyrate-induced apoptosis in colonic epithelial cells; however overexpression of bcl-2 does not protect against bak-mediated apoptosis. 1997 , 72, 898-905	77
903	Differential sensitivity of leukemic and normal hematopoietic progenitors to the killing effect of hyperthermia and quercetin used in combination: role of heat-shock protein-70. 1997 , 73, 75-83	25
902	Induction of apoptosis by cryptophycin 1, a new antimicrotubule agent. 1997 , 73, 440-8	48

901	In situ detection of apoptosis during embryogenesis with annexin V: from whole mount to ultrastructure. 1997 , 29, 313-20		84
900	Anabolic steroids induce injury and apoptosis of differentiated skeletal muscle. 1997 , 47, 186-197		32
899	MPP+ induced apoptotic cell death in SH-SY5Y neuroblastoma cells: an electron microscope study. 1997 , 48, 226-37		67
898	Electron microscopic evidence for microglial phagocytic activity and cholinergic cell death after administration of the immunotoxin 192IgG-saporin in rat. 1997 , 48, 465-76		18
897	Assay method for femtogram order of Ca ²⁺ , Mg(2+)-dependent endonuclease. 1997 , 247, 428-33		1
896	Qualitative and quantitative analysis of DNA fragmentation using digital imaging. 1997 , 250, 147-52		6
895	Nuclear factor of activated T cells (NFAT) is a possible target for dexamethasone in thymocyte apoptosis. 1997 , 21, 127-32		12
894	Induction of apoptosis in the centre of multicellular tumour spheroids of colorectal adenocarcinomas--involvement of CD95 pathway and differentiation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1998 , 3, 267-79	5-4	14
893	Detection of apoptosis and phagocytosis in vitro in C6 rat glioma cells treated with tiazofurin. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1998 , 3, 345-52	5-4	11
892	The Involvement of Apoptosis in Inflammatory Liver Failure. 1998 , 2, 39-45		1
891	Apoptosis and Renal Disease. 1998 , 2, 31-37		4
890	Evidence for interactions between rat hepatoma cell apoptosis and differentiation. 1998 , 36, 1-13		2
889	Nonsteroidal antiinflammatory drugs could reverse Helicobacter pylori-induced apoptosis and proliferation in gastric epithelial cells. 1998 , 43, 1957-63		35
888	Drug resistance and apoptosis in ENU-induced rat brain tumors treated with anti-cancer drugs. 1998 , 36, 105-12		9
887	Nitric oxide causes the macroschizonts of Theileria annulata to disappear and host cells to become apoptotic. 1998 , 22, 31-45		14
886	Biochemical and molecular mechanisms regulating apoptosis. 1998 , 178, 9-25		37
885	Osteoblast programmed cell death (apoptosis): modulation by growth factors and cytokines. 1998 , 13, 793-802		440
884	Increased expression of Fas ligand on Mycobacterium tuberculosis infected macrophages: a potential novel mechanism of immune evasion by Mycobacterium tuberculosis?. 1999 , 23, 507-21		18

883	DNA strand breaks in ejaculated human spermatozoa: comparison of susceptibility to the nick translation and terminal transferase assays. 1998 , 30, 33-9		63
882	Detection of apoptotic cells in cytology specimens: an application of TdT-mediated dUTP-biotin nick end labeling to cell smears. 1998 , 18, 398-402		7
881	The SCL gene specifies haemangioblast development from early mesoderm. 1998 , 17, 4029-45		375
880	Loss of AP-2 results in downregulation of c-KIT and enhancement of melanoma tumorigenicity and metastasis. 1998 , 17, 4358-69		197
879	Role of TAK1 and TAB1 in BMP signaling in early <i>Xenopus</i> development. 1998 , 17, 1019-28		179
878	Apoptosis as a prognostic factor in colorectal carcinoma. 1998 , 28, 145-50		31
877	Elimination of neutrophils by apoptosis during the resolution of acute pulmonary inflammation in rats. 1998 , 176, 89-98		35
876	The cancer growth suppressor gene mda-7 selectively induces apoptosis in human breast cancer cells and inhibits tumor growth in nude mice. 1998 , 95, 14400-5		225
875	Selective entrapment of extrachromosomally amplified DNA by nuclear budding and micronucleation during S phase. <i>Journal of Cell Biology</i> , 1998 , 140, 1307-20	7-3	237
874	B-cell superantigens may play a role in B-cell development and selection in the young rabbit appendix. 1998 , 185, 93-100		18
873	Correlation of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced apoptotic cell death in the embryonic vasculature with embryotoxicity. 1998 , 148, 24-34		133
872	Endogenous glucocorticoids induced by a chemical stressor (ethanol) cause apoptosis in the spleen in B6C3F1 female mice. 1998 , 148, 176-82		38
871	Cadmium-induced apoptosis in mouse liver. 1998 , 149, 203-9		222
870	In utero and lactational exposure of the male rat to 2,3,7,8-tetrachlorodibenzo-p-dioxin impairs prostate development. 2. Effects on growth and cytodifferentiation. 1998 , 150, 254-70		50
869	Effect of rodent hepatocarcinogenic peroxisome proliferators on fatty acyl-CoA oxidase, DNA synthesis, and apoptosis in cultured human and rat hepatocytes. 1998 , 150, 277-86		56
868	Vaccinia virus E3L protein is an inhibitor of the interferon (i.f.n.)-induced 2-5A synthetase enzyme. 1998 , 243, 406-14		131
867	The tyrosine-17 residue of Nef in SIVsmmPBj14 is required for acute pathogenesis and contributes to replication in macrophages. 1998 , 244, 261-72		22
866	Shope fibroma virus RING finger protein N1R binds DNA and inhibits apoptosis. 1998 , 249, 42-51		38

865	Apoptosis precedes necrosis of fish cell line with infectious pancreatic necrosis virus infection. 1998 , 250, 76-84	76
864	Coronavirus MHV-3-induced apoptosis in macrophages. 1998 , 250, 41-9	37
863	Distinct roles of the co-activators p300 and CBP in retinoic-acid-induced F9-cell differentiation. 1998 , 393, 284-9	307
862	Progressive ataxia, myoclonic epilepsy and cerebellar apoptosis in cystatin B-deficient mice. 1998 , 20, 251-8	293
861	Suppression of caveolin expression induces androgen sensitivity in metastatic androgen-insensitive mouse prostate cancer cells. 1998 , 4, 1062-4	153
860	Essential function of Gli2 and Gli3 in the formation of lung, trachea and oesophagus. 1998 , 20, 54-7	470
859	Ethanol-Induced Neural Crest Apoptosis Is Coincident with Their Endogenous Death, But Is Mechanistically Distinct. 1998 , 22, 142-149	104
858	Accelerated fibrosis and collagen deposition develop in the renal interstitium of angiotensin type 2 receptor null mutant mice during ureteral obstruction. 1998 , 53, 937-44	127
857	Role of the bcl-2/bax pathway in hepatocyte apoptosis during acute rejection after rat liver transplantation. 1998 , 11, S179-S184	7
856	Distributional pattern of apoptotic cells in rat cerebellar vermis experimentally induced by methylmercury intoxication. 1998 , 18, 33-37	3
855	Tumor growth and biological markers in pituitary adenomas. 1998 , 18, 167-173	4
854	Neuronal degeneration in amyotrophic lateral sclerosis is mediated by a possible mechanism different from classical apoptosis. 1998 , 18, 301-308	9
853	Calbindin D immunoreactivity and chronic lesions of rat cerebella in methylmercury chloride intoxication. 1998 , 18, 402-407	1
852	Renal tubular apoptosis after release of ureteral obstruction in the rat kidney. 1998 , 5, 256-61	5
851	Apoptosis and carcinogenesis: morphologic observations in the rat bladder treated with N-butyl-N-(4-hydroxybutyl)nitrosamine. 1998 , 5, 262-7	6
850	Hepatocyte apoptosis and hepatic expression of transforming growth factor-beta1 mRNA during involution of hyperplastic rat liver induced by hepatocyte growth factor. 1998 , 13, 786-93	5
849	The TdT-mediated dUTP nick end labeling assay precisely assesses the DNA damage in human tumor xenografts. 1998 , 89, 862-9	3
848	Inhibitory effects of ginsenoside Rh2 on tumor growth in nude mice bearing human ovarian cancer cells. 1998 , 89, 733-40	143

847	Review article: Cellular markers in the gastric precancerous process. 1998 , 12 Suppl 1, 91-109	48
846	Effect of dietary phenolic compounds on apoptosis of human cultured endothelial cells induced by oxidized LDL. 1998 , 123, 565-73	55
845	Effect of curcumin on cell cycle progression and apoptosis in vascular smooth muscle cells. 1998 , 124, 1029-40	163
844	Virus infection induces neuronal apoptosis: A comparison with trophic factor withdrawal. 1998 , 5, 50-9	39
843	Analysis of apoptosis and expression of bcl-2 gene family members in the human and baboon ovary. 1998 , 5, 67-76	102
842	High frequency of persistent hyperplastic primary vitreous and cataracts in p53-deficient mice. 1998 , 5, 156-62	60
841	Onset of apoptotic DNA fragmentation can precede cell elimination by days in the small intestinal villus. 1998 , 5, 702-9	18
840	Expression of AML1-d, a short human AML1 isoform, in embryonic stem cells suppresses in vivo tumor growth and differentiation. 1998 , 5, 765-73	25
839	Trophic support promotes survival of bcl-x-deficient telencephalic cells in vitro. 1998 , 5, 901-10	33
838	Platelet activating factor receptor expression is associated with neuronal apoptosis in an in vivo model of excitotoxicity. 1998 , 5, 867-75	35
837	Induction of apoptosis by the novel retinoid AHPN in human T-cell lymphoma cells involves caspase-dependent and independent pathways. 1998 , 5, 973-83	38
836	Induction of apoptosis in the rheumatoid synovium by Fas ligand gene transfer. 1998 , 5, 331-8	88
835	V-myc in a simple, single gene retroviral vector causes rapid induction of leukemia and concomitant apoptosis following bone marrow transplantation. 1998 , 12, 542-53	8
834	Localization of Fas and Fas ligand in bone marrow cells demonstrating myelodysplasia. 1998 , 12, 486-92	86
833	Multiplication and death-type of leukemia cell lines exposed to very long-chain polyunsaturated fatty acids. 1998 , 12, 921-9	84
832	Toxic effects of acetylcholinesterase on neuronal and glial-like cells in vitro. 1998 , 3, 247-55	53
831	Human keratin-1.bcl-2 transgenic mice aberrantly express keratin 6, exhibit reduced sensitivity to keratinocyte cell death induction, and are susceptible to skin tumor formation. 1998 , 16, 853-63	315
830	A transgenic mouse model for mammary carcinogenesis. 1998 , 16, 997-1007	80

829	TGF-beta1 actions on FRTL-5 cells provide a model for the physiological regulation of thyroid growth. 1998 , 16, 1455-65	56
828	Stable reintroduction of wild-type P53 (MTmp53ts) causes the induction of apoptosis and neuroendocrine-like differentiation in human ductal pancreatic carcinoma cells. 1998 , 16, 1593-602	43
827	Failure of central nervous system myelination in MBP/c-myc transgenic mice: evidence for c-myc cytotoxicity. 1998 , 16, 2123-9	17
826	Agents that cause DNA double strand breaks lead to p16INK4a enrichment and the premature senescence of normal fibroblasts. 1998 , 16, 1113-23	381
825	TGF-beta1 effects on proliferation of rat intestinal epithelial cells are due to inhibition of cyclin D1 expression. 1998 , 16, 3445-54	71
824	E2F-1-induced p53-independent apoptosis in transgenic mice. 1998 , 17, 143-55	114
823	p53 induces angiogenesis-restricted dormancy in a mouse fibrosarcoma. 1998 , 17, 819-24	48
822	Nuclear targeting of Bax during apoptosis in human colorectal cancer cells. 1998 , 17, 999-1007	113
821	Suppression of transforming growth factor-beta-induced apoptosis through a phosphatidylinositol 3-kinase/Akt-dependent pathway. 1998 , 17, 1959-68	173
820	Adenovirus 5 E1A-mediated tumor suppression associated with E1A-mediated apoptosis in vivo. 1998 , 17, 2167-75	59
819	Rac1 is required for the formation of three germ layers during gastrulation. 1998 , 17, 3427-33	278
818	Attenuation of delayed neuronal death after mild focal ischemia in mice by inhibition of the caspase family. 1998 , 18, 238-47	502
817	Protective effect of apoptosis-inhibitory agent, N-tosyl-L-phenylalanyl chloromethyl ketone against ischemia-induced hippocampal neuronal damage. 1998 , 18, 819-23	34
816	Induction of heme oxygenase-1 and major histocompatibility complex antigens in transient forebrain ischemia. 1998 , 18, 824-32	29
815	Neuronal stress response and neuronal cell damage after cardiocirculatory arrest in rats. 1998 , 18, 1077-87	104
814	Inhibition of neointimal cell bcl-x expression induces apoptosis and regression of vascular disease. 1998 , 4, 222-7	256
813	Loss of Bcl-2 in invasive breast cancer is associated with high rates of cell death, but also with increased proliferative activity. 1998 , 77, 789-96	67
812	p53 mutations and human papillomavirus DNA in oral squamous cell carcinoma: correlation with apoptosis. 1998 , 78, 354-9	27

811	Induction of apoptosis in human tumour xenografts after oral administration of uracil and tegafur to nude mice bearing tumours. 1998 , 78, 625-30	23
810	Apoptosis after gamma irradiation. Is it an important cell death modality?. 1998 , 78, 1594-9	18
809	Apoptosis: a modulator of cellular homeostasis and disease states. 1998 , 842, 82-90	42
808	Apoptosis fenestrates chick cloacal membrane and occluded rectal cord and may have a minor role in removal of pharyngeal membranes. 1998 , 857, 268-71	3
807	Increased Apoptosis Coincides with Onset of Involution in Infantile Hemangioma. 1998 , 5, 189-195	127
806	Apoptosis in embryos of diabetic rats. 1998 , 83, 104-11	28
805	Cytoprotection by deprenyl and tolcapone in a cell culture model of cerebral ischaemia. 1998 , 83, 194-9	2
804	Melatonin prevents apoptosis induced by 6-hydroxydopamine in neuronal cells: implications for Parkinson's disease. 1998 , 24, 179-92	127
803	Fas-fas ligand system-induced apoptosis in human placenta and gestational trophoblastic disease. 1998 , 40, 89-94	91
802	Apoptosis and cellular proliferation in human epidermal squamous cell neoplasia. 1998 , 25, 136-42	16
801	The innermost cells of the outer root sheath in human anagen hair follicles undergo specialized keratinization mediated by apoptosis. 1998 , 25, 316-21	6
800	Altered apoptosis levels in hearts of human fetuses with Down syndrome. 1998 , 179, 962-5	5
799	Proliferation and apoptosis of fibroblasts and smooth muscle cells in rat uterine cervix throughout gestation and the effect of the antiprogesterone onapristone. 1998 , 178, 713-25	45
798	Induction of apoptotic cell death by photodynamic therapy in human keratinocytes. 1998 , 43, 143-9	41
797	Mitochondrial impairment as an early event in the process of apoptosis induced by glutathione depletion in neuronal cells: relevance to Parkinson's disease. 1998 , 56, 645-55	197
796	The HIV envelope protein gp120 in the nervous system: interactions with nitric oxide, interleukin-1beta and nerve growth factor signalling, with pathological implications in vivo and in vitro. 1998 , 56, 153-6	39
795	ICAM-1 dependent pathway is not involved in the development of neuronal apoptosis after transient focal cerebral ischemia. 1998 , 780, 337-41	9
794	Growth factors improve immediate survival of embryonic dopamine neurons after transplantation into rats. 1998 , 786, 96-103	216

793	Expression of c-fos and hsp70 mRNA in neonatal rat cerebrocortical slices during NMDA-induced necrosis and apoptosis. 1998 , 785, 262-78	22
792	The trophic requirements of mature motoneurons. 1998 , 789, 315-21	32
791	Indomethacin inhibits delayed DNA fragmentation of hippocampal CA1 pyramidal neurons after transient forebrain ischemia in gerbils. 1998 , 791, 352-6	22
790	Hypoxia-induced apoptosis: effect of hypoxic severity and role of p53 in neuronal cell death. 1998 , 797, 295-304	140
789	Relationship between magnitude of hypothermia during ischemia and preventive effect against post-ischemic DNA fragmentation in the gerbil hippocampus. 1998 , 794, 338-42	25
788	Transport of fragmented DNA in apical dendrites of gerbil CA1 pyramidal neurons following transient forebrain ischemia. 1998 , 806, 274-7	19
787	Decreased expression of bcl-2 and bcl-x mRNA coincides with apoptosis following intracerebral administration of 3-nitropropionic acid. 1998 , 808, 56-64	25
786	Neuronal stress and injury in C57/BL mice after systemic kainic acid administration. 1998 , 810, 229-40	78
785	Juvenile hormone effect on DNA synthesis and apoptosis in caste-specific differentiation of the larval honey bee (<i>Apis mellifera</i> L.) ovary. 1998 , 44, 385-391	113
784	Apoptosis induction in synovial fibroblasts by ceramide: in vitro and in vivo effects. 1998 , 131, 410-6	21
783	The use of technetium Tc 99m annexin V for in vivo imaging of apoptosis during cardiac allograft rejection. 1998 , 116, 844-53	81
782	Delayed and selective motor neuron death after transient spinal cord ischemia: a role of apoptosis?. 1998 , 115, 1310-5	50
781	Apoptosis induced by sulindac sulfide in epithelial and mesenchymal cells from human abdominal neoplasms. 1998 , 360, 105-12	17
780	In-situ apoptosis in chickens infected with infectious bursal disease virus. 1998 , 118, 15-27	42
779	p53, Bax and Bcl-2 expression, and apoptosis in gestational trophoblast of complete hydatidiform mole. 1998 , 19, 361-9	69
778	Apoptosis and cell death in neuronal cells: where does Ca ²⁺ fit in?. 1998 , 24, 387-403	56
777	Long-term bone marrow culture profiles in patients with myelodysplastic syndromes are not explicable by defective apoptosis. 1998 , 22, 735-40	10
776	Collagen type IV promotes the differentiation of neuronal progenitors and inhibits astroglial differentiation in cortical cell cultures. 1998 , 110, 31-8	43

775	Cell death precedes rod neurogenesis in embryonic teleost retinal development. 1998 , 111, 143-6	20
774	Apoptotic cell death in retinal degenerations. 1998 , 17, 443-64	191
773	Thyroid hormone-induced apoptosis of larval cells and differentiation of pepsinogen-producing cells in the stomach of <i>Xenopus laevis</i> in vitro. 1998 , 63, 59-68	16
772	Transformation of skin from larval to adult types in normally metamorphosing and metamorphosis-arrested salamander, <i>Hynobius retardatus</i> . 1998 , 63, 237-246	5
771	Neuronal apoptosis induced by HIV-1 gp120 and the chemokine SDF-1 alpha is mediated by the chemokine receptor CXCR4. 1998 , 8, 595-8	399
770	Apoptosis detection: an overview. 1998 , 33, 525-33	116
769	The Quilty lesion enigma: focal apoptosis/necrosis and lymphocyte subsets in human cardiac allografts. 1998 , 48, 191-8	25
768	Low levels of apoptosis and proliferative activity in colorectal villous tumors: comparison with tubular tumors. 1998 , 48, 453-9	10
767	Expression of cytotoxic molecule TIA-1 in malignant lymphomas mimicking fulminant hepatitis. 1998 , 48, 695-704	7
766	A method for assessing strand breaks in DNA. 1998 , 262, 9-16	4
765	Oestradiol regulated programmed cell death in rat vagina: terminal differentiation or apoptosis?. 1998 , 22, 105-13	8
764	Age-related changes in the dendrites of olfactory receptor neurons in the male silkworm <i>Antheraea pernyi</i> (Insecta, Lepidoptera: Saturniidae). 1998 , 22, 445-55	5
763	Apoptosis in human lung epithelial cells: triggering by paraquat and modulation by antioxidants. 1998 , 22, 671-8	43
762	Regulation of CD95 (APO-1/Fas) receptor and ligand expression by lipopolysaccharide and dexamethasone in parenchymal and nonparenchymal rat liver cells. 1998 , 27, 200-8	83
761	Apoptosis of sinusoidal endothelial cells is a critical mechanism of preservation injury in rat liver transplantation. 1998 , 27, 1652-60	286
760	Transformation-dependent susceptibility of rat hepatic stellate cells to apoptosis induced by soluble Fas ligand. 1998 , 28, 492-502	100
759	Pretreatment with intraventricular aurointricarboxylic acid decreases infarct size by inhibiting apoptosis following transient global ischemia in gerbils. 1998 , 43, 654-60	27
758	Apoptosis in rheumatoid arthritis: a novel pathway in the regulation of synovial tissue. 1998 , 41, 1-9	86

757	Inhibition of Fas/Fas ligand-mediated apoptotic cell death of lymphocytes in vitro by circulating anti-Fas ligand autoantibodies in patients with systemic lupus erythematosus. 1998 , 41, 344-53	43
756	Potential withdrawal of rheumatoid synovium by the induction of apoptosis using a novel in vivo model of rheumatoid arthritis. 1998 , 41, 1251-7	48
755	Murine cytomegalovirus induces a Sjögren's syndrome-like disease in C57Bl/6-lpr/lpr mice. 1998 , 41, 2175-84	59
754	Apoptotic cellular damage in mice after T-2 toxin-induced acute toxicosis. 1998 , 5, 141-145	32
753	Assessment of the biologic markers p53, Ki-67, and apoptotic index as predictive indicators of prostate carcinoma recurrence after surgery. 1998 , 82, 168-75	81
752	Basal cell adenocarcinoma of the salivary glands. 1998 , 82, 439-447	106
751	Cell turnover parameters in small and large cell varieties of primary intestinal non-Hodgkin's lymphoma. 1998 , 83, 158-65	9
750	Suppression of fibroblast growth factor 2 expression by antisense oligonucleotides inhibits embryonic chick neural retina cell differentiation and survival in vivo. 1998 , 212, 63-74	23
749	Neurturin mRNA expression suggests roles in trigeminal innervation of the first branchial arch and in tooth formation. 1998 , 213, 207-19	22
748	Apoptosis in mouse embryos: elevated levels in pregastrulae and in the distal anterior region of gastrulae of normal and mutant mice. 1998 , 213, 293-308	39
747	Apoptosis in cavitation of middle ear space. 1998 , 251, 286-9	10
746	Mode of cell death in the rat metrial gland during peripartum regression. 1998 , 252, 369-77	7
745	Programmed cell death in the development of the mouse external auditory canal. 1998 , 252, 378-82	14
744	Reduced phagocytosis of apoptotic cells in malignant lymphoma. 1998 , 75, 675-9	9
743	Reduced phagocytosis of apoptotic cells in malignant lymphoma. 1998 , 75, 675-679	10
742	Dietary supplementation with eicosapentaenoic and docosahexaenoic acid inhibits growth of Morris hepatocarcinoma 3924A in rats: effects on proliferation and apoptosis. 1998 , 75, 699-705	96
741	Expression of death-related genes and their relationship to loss of apoptosis in T1 ductal breast carcinomas. 1998 , 79, 103-10	23
740	Growth-inhibitory effects of luteinizing hormone-releasing hormone (LHRH) agonists on xenografts of the DU 145 human androgen-independent prostate cancer cell line in nude mice. 1998 , 76, 506-11	35

- 739 Growth-inhibitory effect of tamoxifen and quercetin and presence of type II estrogen binding sites in human laryngeal cancer cell lines and primary laryngeal tumors. **1998**, 77, 747-54 38
- 738 Acquisition of chemoresistance in a human ovarian carcinoma cell is linked to a defect in cell cycle control. **1998**, 78, 454-63 33
- 737 Simple, fast method of detection apoptosis in lymphoid cells. **1998**, 32, 95-101 12
- 736 Analysis and sorting of apoptotic cells from fine-needle aspirates of excised human primary breast carcinomas. **1998**, 32, 291-300 13
- 735 Propidium iodide quenches the fluorescence of TdT-incorporated FITC-labeled dUTP in apoptotic cells. **1998**, 33, 428-434 12
- 734 Apoptotic glial cell death and kinetics in the spinal cord of the myelin-deficient rat. **1998**, 51, 497-507 24
- 733 Kainate-induced apoptosis correlates with c-Jun activation in cultured cerebellar granule cells. **1998**, 52, 69-82 53
- 732 p53 protein is a suppressor of papillomavirus DNA amplificational replication. **1998**, 72, 6822-31 32
- 731 Sendai virus infection induces apoptosis through activation of caspase-8 (FLICE) and caspase-3 (CPP32). **1999**, 73, 702-8 83
- 730 Tissue transglutaminase and apoptosis: sense and antisense transfection studies with human neuroblastoma cells. **1994**, 14, 6584-6596 58
- 729 The retinoblastoma protein-binding region of simian virus 40 large T antigen alters cell cycle regulation in lenses of transgenic mice. **1994**, 14, 6743-6754 31
- 728 The detection of apoptosis in a human in vitro skin explant assay for graft versus host reactions. **2002**, 55, 127-32 21
- 727 Bcl-2 expression and frequency of apoptosis correlate with morphogenesis of colorectal neoplasia. **2002**, 55, 212-6 7
- 726 Oxidized LDLs induce massive apoptosis of cultured human endothelial cells through a calcium-dependent pathway. Prevention by aurintricarboxylic acid. **1997**, 17, 331-9 110
- 725 Apoptosis in human atherosclerosis and restenosis. **1995**, 91, 2703-11 425
- 724 Apoptosis as a possible cause of gradual development of complete heart block and fatal arrhythmias associated with absence of the AV node, sinus node, and internodal pathways. **1996**, 93, 1424-38 83
- 723 Complete heart block and fatal right ventricular failure in an infant. **1996**, 93, 1588-600 69
- 722 Apoptosis of cardiac myocytes during cardiac allograft rejection. Relation to induction of nitric oxide synthase. **1996**, 94, 1665-73 141

721	In vivo gene transfection of human endothelial cell nitric oxide synthase in cardiomyocytes causes apoptosis-like cell death. Identification using Sendai virus-coated liposomes. 1997 , 95, 2441-7	42
720	Apoptosis in human acute myocardial infarction. 1997 , 95, 320-3	539
719	Life and death in the cardiovascular system. 1997 , 95, 782-6	32
718	Histopathology of in-stent restenosis in patients with peripheral artery disease. 1997 , 95, 1998-2002	196
717	Colocalization of CPP-32 with apoptotic cells in human atherosclerotic plaques. 1997 , 96, 424-8	52
716	The bcl-2 gene product prevents programmed cell death of ventricular myocytes. 1997 , 96, 1580-5	148
715	Complex causes of fatal myocardial infarction. 1997 , 96, 1696-700	12
714	Effect of intravascular irradiation on cell proliferation, apoptosis, and vascular remodeling after balloon overstretch injury of porcine coronary arteries. 1997 , 96, 1944-52	114
713	Hibernating myocardium: an incomplete adaptation to ischemia. 1997 , 96, 2920-31	235
712	Apoptosis in target organs of hypertension. 1995 , 26, 642-8	152
711	Nitric oxide induces upregulation of Fas and apoptosis in vascular smooth muscle. 1996 , 27, 823-6	124
710	Cardiomyocyte apoptosis and cardiac angiotensin-converting enzyme in spontaneously hypertensive rats. 1997 , 30, 1029-34	77
709	Apoptosis (programmed cell death) in arteries of the neonatal lamb. 1995 , 76, 168-75	119
708	Vasoactive substances regulate vascular smooth muscle cell apoptosis. Countervailing influences of nitric oxide and angiotensin II. 1996 , 79, 748-56	224
707	Apoptosis in ischemic and reperfused rat myocardium. 1996 , 79, 949-56	576
706	Dilated cardiomyopathy in transgenic mice with cardiac-specific overexpression of tumor necrosis factor-alpha. 1997 , 81, 627-35	586
705	Induction of DNA fragmentation after 10 to 120 minutes of focal cerebral ischemia in rats. 1995 , 26, 1252-7; discussion 1257-8	205
704	E-selectin appears in nonischemic tissue during experimental focal cerebral ischemia. 1996 , 27, 1386-91; discussion 1391-2	95

703	Subtle neuronal death in striatum after short forebrain ischemia in rats detected by in situ end-labeling for DNA damage. 1997 , 28, 163-9; discussion 169-70	43
702	DNA scission after focal brain ischemia. Temporal differences in two species. 1997 , 28, 1245-54	84
701	Anti-apoptotic and myocardial protective effects of ethyl pyruvate after regional ischaemia/reperfusion myocardial damage in an in vivo rat model. 2017 , 58, 557-561	8
700	Fatty acid synthase downregulation contributes to acute lung injury in murine diet-induced obesity. 2019 , 5,	10
699	Recombinant angiopoietin-1 restores higher-order architecture of growing blood vessels in mice in the absence of mural cells. 2002 , 110, 1619-1628	187
698	Osteocyte and osteoblast apoptosis and excessive bone deposition accompany failure of collagenase cleavage of collagen. 2000 , 106, 941-9	118
697	Mechanisms of spontaneous resolution of rat liver fibrosis. Hepatic stellate cell apoptosis and reduced hepatic expression of metalloproteinase inhibitors. 1998 , 102, 538-49	805
696	Disruption of the protein C inhibitor gene results in impaired spermatogenesis and male infertility. 2000 , 106, 1531-9	108
695	Anti-Fas/APO-1 antibody-mediated apoptosis of cultured human glioma cells. Induction and modulation of sensitivity by cytokines. 1994 , 94, 954-64	266
694	Mesangial cell apoptosis: the major mechanism for resolution of glomerular hypercellularity in experimental mesangial proliferative nephritis. 1994 , 94, 2105-16	292
693	Tolerance induction ameliorates allograft vasculopathy in rat aortic transplants. Influence of Fas-mediated apoptosis. 1998 , 101, 2889-99	44
692	Hepatocyte growth factor ameliorates acute graft-versus-host disease and promotes hematopoietic function. 2001 , 107, 1365-73	96
691	Potent inhibitory effects of transplantable rat glucagonomas and insulinomas on the respective endogenous islet cells are associated with pancreatic apoptosis. 1995 , 96, 2227-35	57
690	Expression of p21(WAF1/CIP1/SDI1) and p53 in apoptotic cells in the adrenal cortex and induction by ischemia/reperfusion injury. 1996 , 97, 1723-31	46
689	A mouse model of gyrate atrophy of the choroid and retina. Early retinal pigment epithelium damage and progressive retinal degeneration. 1996 , 97, 2753-62	45
688	Accelerated death of retinal microvascular cells in human and experimental diabetic retinopathy. 1996 , 97, 2883-90	502
687	Apoptosis in pressure overload-induced heart hypertrophy in the rat. 1996 , 97, 2891-7	308
686	Therapeutic effect of the anti-Fas antibody on arthritis in HTLV-1 tax transgenic mice. 1996 , 98, 271-8	99

685	Extracellular deposition of beta-amyloid upon p53-dependent neuronal cell death in transgenic mice. 1996 , 98, 1626-32	83
684	Apoptosis induced by HIV-1 infection of the central nervous system. 1996 , 98, 1979-90	189
683	Reactive oxygen intermediates contribute to necrotic and apoptotic neuronal injury in an infant rat model of bacterial meningitis due to group B streptococci. 1996 , 98, 2632-9	177
682	Drug-induced apoptosis in hepatoma cells is mediated by the CD95 (APO-1/Fas) receptor/ligand system and involves activation of wild-type p53. 1997 , 99, 403-13	559
681	Antisense oligonucleotides to Cux-1, a Cut-related homeobox gene, cause increased apoptosis in mouse embryonic kidney cultures. 1997 , 99, 718-24	25
680	Lung lymphocyte elimination by apoptosis in the murine response to intratracheal particulate antigen. 1997 , 99, 1082-91	48
679	Transient cerebral ischemia. Association of apoptosis induction with hypoperfusion. 1997 , 99, 1453-9	51
678	Developmental regulation, expression, and apoptotic potential of galectin-9, a beta-galactoside binding lectin. 1997 , 99, 2452-61	209
677	Myonuclear apoptosis in dystrophic mdx muscle occurs by perforin-mediated cytotoxicity. 1997 , 99, 2745-51	125
676	Transgenic dissection of HIV genes involved in lymphoid depletion. 1997 , 100, 32-9	13
675	Neuronal cell death in Alzheimer's disease correlates with apoE uptake and intracellular A β stabilization. 1997 , 100, 310-20	118
674	A novel pathogenesis of megacolon in Ncx/Hox11L.1 deficient mice. 1997 , 100, 795-801	99
673	Binding of beta-amyloid to the p75 neurotrophin receptor induces apoptosis. A possible mechanism for Alzheimer's disease. 1997 , 100, 2333-40	256
672	Regression of basal cell carcinoma by intralesional interferon-alpha treatment is mediated by CD95 (Apo-1/Fas)-CD95 ligand-induced suicide. 1997 , 100, 2691-6	91
671	Hepatic fibrosis, glomerulosclerosis, and a lipodystrophy-like syndrome in PEPCK-TGF-beta1 transgenic mice. 1997 , 100, 2697-713	217
670	The calcimimetic compound NPS R-568 suppresses parathyroid cell proliferation in rats with renal insufficiency. Control of parathyroid cell growth via a calcium receptor. 1997 , 100, 2977-83	200
669	Troglitazone increases the number of small adipocytes without the change of white adipose tissue mass in obese Zucker rats. 1998 , 101, 1354-61	772
668	Targeted disruption of the murine Na ⁺ /H ⁺ exchanger isoform 2 gene causes reduced viability of gastric parietal cells and loss of net acid secretion. 1998 , 101, 1243-53	208

667	All-trans retinoic acid converts E2F into a transcriptional suppressor and inhibits the growth of normal human bronchial epithelial cells through a retinoic acid receptor- dependent signaling pathway. 1998 , 101, 1012-9	29
666	Lens-specific expression of transforming growth factor beta1 in transgenic mice causes anterior subcapsular cataracts. 1998 , 101, 625-34	110
665	Induction of p21WAF1/CIP1/SDI1 in kidney tubule cells affects the course of cisplatin-induced acute renal failure. 1998 , 101, 777-82	220
664	Lymphocyte apoptosis induced by Fas ligand- expressing ovarian carcinoma cells. Implications for altered expression of T cell receptor in tumor-associated lymphocytes. 1998 , 101, 2579-88	157
663	Glucose-induced beta cell production of IL-1beta contributes to glucotoxicity in human pancreatic islets. 2002 , 110, 851-60	439
662	Expression of angiostatin cDNA in a murine fibrosarcoma suppresses primary tumor growth and produces long-term dormancy of metastases. 1998 , 101, 1055-63	175
661	Recombinant angiopoietin-1 restores higher-order architecture of growing blood vessels in mice in the absence of mural cells. 2002 , 110, 1619-28	101
660	Neurological disturbances, premature lethality, and central myelination deficiency in transgenic mice overexpressing the homeo domain transcription factor Oct-6. 1998 , 101, 1292-9	17
659	Glucose-induced β cell production of IL-1 α contributes to glucotoxicity in human pancreatic islets. 2002 , 110, 851-860	846
658	Caspase inhibitor affords neuroprotection with delayed administration in a rat model of neonatal hypoxic-ischemic brain injury. 1998 , 101, 1992-9	413
657	Neural apoptosis in the retina during experimental and human diabetes. Early onset and effect of insulin. 1998 , 102, 783-91	863
656	Control of homeostatic proliferation by regulatory T cells. 2005 , 115, 3517-26	79
655	Cytotoxic T cell response against the chimeric ETV6-AML1 protein in childhood acute lymphoblastic leukemia. 1998 , 102, 455-62	91
654	Apoptosis mediated by Fas but not tumor necrosis factor receptor 1 prevents chronic disease in mice infected with murine cytomegalovirus. 1998 , 102, 1431-43	34
653	Myocardin regulates expression of contractile genes in smooth muscle cells and is required for closure of the ductus arteriosus in mice. 2008 , 118, 515-25	100
652	Angiotensin induces the urinary peristaltic machinery during the perinatal period. 1998 , 102, 1489-97	121
651	CTLA4Ig-mediated blockade of T-cell costimulation in patients with psoriasis vulgaris. 1999 , 103, 1243-52	463
650	Hypoxia induces severe right ventricular dilatation and infarction in heme oxygenase-1 null mice. 1999 , 103, R23-9	342

649	T cell-mediated Fas-induced keratinocyte apoptosis plays a key pathogenetic role in eczematous dermatitis. 2000 , 106, 25-35	326
648	Systemic IFN-beta gene therapy results in long-term survival in mice with established colorectal liver metastases. 2001 , 108, 83-95	31
647	Dehydration activates an NF-kappaB-driven, COX2-dependent survival mechanism in renal medullary interstitial cells. 2000 , 106, 973-82	122
646	CD2 Rescues T Cells From T-Cell Receptor/CD3 Apoptosis: A Role for the Fas/Fas-L System. 1997 , 89, 3717-3726	4
645	Death of Bystander Cells by a Novel Pathway Involving Early Mitochondrial Damage in Human Immunodeficiency Virus-Related Lymphadenopathy. 1997 , 90, 209-216	12
644	A Role for T-Helper Type-1 and Type-2 Cytokines in the Regulation of Human Monocyte Apoptosis. 1997 , 90, 1618-1625	4
643	Chronic Lymphocytic Leukemic B Cells But Not Normal B Cells Are Rescued From Apoptosis by Contact With Normal Bone Marrow Stromal Cells. 1998 , 91, 2387-2396	20
642	Evidence for the Involvement of Both Retinoic Acid Receptor- and Retinoic X Receptor-Dependent Signaling Pathways in the Induction of Tissue Transglutaminase and Apoptosis in the Human Myeloma Cell Line RPMI 8226. 1998 , 91, 2423-2432	24
641	Evidence for the Involvement of Both Retinoic Acid Receptor- and Retinoic X Receptor-Dependent Signaling Pathways in the Induction of Tissue Transglutaminase and Apoptosis in the Human Myeloma Cell Line RPMI 8226. 1998 , 91, 2423-2432	2
640	High CD30 Ligand Expression by Epithelial Cells and Hassal's Corpuscles in the Medulla of Human Thymus. 1998 , 91, 3323-3332	7
639	Entry and Trafficking of Granzyme B in Target Cells During Granzyme B-Perforin-Mediated Apoptosis. 1998 , 92, 1044-1054	19
638	Arsenic Trioxide and Melarsoprol Induce Programmed Cell Death in Myeloid Leukemia Cell Lines and Function in a PML and PML-RAR? Independent Manner. 1998 , 92, 1497-1504	12
637	Sickle Cell Anemia as a Possible State of Enhanced Anti-Apoptotic Tone: Survival Effect of Vascular Endothelial Growth Factor on Circulating and Unanchored Endothelial Cells. 1999 , 93, 3824-3830	7
636	E1B4+ Adenoviral Gene Transfer Vectors Function as a Pro-Life Signal to Promote Survival of Primary Human Endothelial Cells. 1999 , 93, 2936-2944	18
635	Direct Evidence of Endothelial Injury in Acute Myocardial Infarction and Unstable Angina by Demonstration of Circulating Endothelial Cells. 1999 , 93, 2951-2958	17
634	Mechanisms of HIV-associated lymphocyte apoptosis. 2000 , 96, 2951-2964	18
633	Monocytes adhering by LFA-1 to placental syncytiotrophoblasts induce local apoptosis via release of TNF- α model for hematogenous initiation of placental inflammations. 2000 , 68, 903-908	14
632	In Vitro Toxicological Assessment of Heavy Metals and Intracellular Mechanisms of Toxicity. 2002 ,	2

631	Apoptosis and Programmed Cell Death. 1998 , 453-473	1
630	Apoptotic cell death in the normal and cryptorchid human testis: the effect of human chorionic gonadotropin on testicular cell survival. 1996 , 40, 351-6	61
629	Permanent anatomic closure of the ductus arteriosus in newborn baboons: the roles of postnatal constriction, hypoxia, and gestation. 1999 , 45, 19-29	109
628	Neuronal apoptosis in sudden infant death syndrome. 1999 , 45, 166-72	114
627	Hypocapnia under hypotension induces apoptotic neuronal cell death in the hippocampus of newborn rabbits. 2000 , 48, 24-9	12
626	Comparison of Calcium Supplementation or Low-Fat Dairy Foods on Epithelial Cell Proliferation and Differentiation. 2001 , 41, 150-155	7
625	Myofibrillar myopathy: no evidence of apoptosis by TUNEL. 1999 , 52, 861-3	10
624	Apoptosis Occurs after Cerebral Contusions in Humans. 2000 , 46, 949-956	41
623	Apoptosis during macrophage-dependent ocular tissue remodelling. 1994 , 120, 3395-3403	113
622	Pituitary ontogeny of the Snell dwarf mouse reveals Pit-1-independent and Pit-1-dependent origins of the thyrotrope. 1994 , 120, 515-522	124
621	Expression of a truncated FGF receptor results in defective lens development in transgenic mice. 1995 , 121, 3959-3967	126
620	FGF suppresses apoptosis and induces differentiation of fibre cells in the mouse lens. 1995 , 121, 4383-4393	110
619	The <i>lurcher</i> gene induces apoptotic death in cerebellar Purkinje cells. 1995 , 121, 1183-1193	91
618	Notch1 is required for the coordinate segmentation of somites. 1995 , 121, 1533-1545	661
617	Programmed cell death in the absence of c-Fos and c-Jun. 1996 , 122, 1-9	89
616	Apoptosis in the developing tooth: association with an embryonic signaling center and suppression by EGF and FGF-4. 1996 , 122, 121-129	197
615	BMP-2/-4 mediate programmed cell death in chicken limb buds. 1996 , 122, 3725-3734	172
614	Genetic evidence for the subdivision of the arthropod limb into coxopodite and telopodite. 1996 , 122, 3921-3928	91

613	A relationship between apoptosis and flow during programmed capillary regression is revealed by vital analysis. 1996 , 122, 3929-3938	104
612	valentino: a zebrafish gene required for normal hindbrain segmentation. 1996 , 122, 3981-3990	152
611	Apoptosis in the terminal endbud of the murine mammary gland: a mechanism of ductal morphogenesis. 1996 , 122, 4013-4022	171
610	The Drosophila stonewall gene encodes a putative transcription factor essential for germ cell development. 1996 , 122, 937-950	46
609	Widespread programmed cell death in proliferative and postmitotic regions of the fetal cerebral cortex. 1996 , 122, 1165-1174	389
608	A group of genes required for maintenance of the amnioserosa tissue in Drosophila. 1996 , 122, 1343-1352	87
607	Contrasting effects of protein synthesis inhibition and of cyclic AMP on apoptosis in the developing retina. 1996 , 122, 1439-1448	59
606	Inhibition of testicular germ cell apoptosis and differentiation in mice misexpressing Bcl-2 in spermatogonia. 1996 , 122, 1703-1709	163
605	Retinal dysplasia and degeneration in RARbeta2/RARgamma2 compound mutant mice. 1996 , 122, 2173-2188	92
604	Oligodendrocytes and their precursors require phosphatidylinositol 3-kinase signaling for survival. 1996 , 122, 2529-2537	99
603	Coordination of early neural tube development by BDNF/trkB. 1997 , 124, 1877-1885	30
602	Bone morphogenetic proteins (BMPs) as regulators of dorsal forebrain development. 1997 , 124, 2203-2212	518
601	Involvement of programmed cell death in morphogenesis of the vertebrate inner ear. 1997 , 124, 2451-2461	93
600	Control of early cell death by BDNF in the chick retina. 1997 , 124, 3313-3320	95
599	Ectopic expression of the Drosophila Bam protein eliminates oogenic germline stem cells. 1997 , 124, 3651-3662	170
598	Glial-cell-line-derived neurotrophic factor is required for bud initiation from ureteric epithelium. 1997 , 124, 4077-4087	270
597	Mesodermal defects and cranial neural crest apoptosis in alpha5 integrin-null embryos. 1997 , 124, 4309-4319	139
596	PAX2 is expressed in multiple spinal cord interneurons, including a population of EN1+ interneurons that require PAX6 for their development. 1997 , 124, 4493-4503	158

595	Pdd1p associates with germline-restricted chromatin and a second novel anlagen-enriched protein in developmentally programmed DNA elimination structures. 1997 , 124, 4537-4545	42
594	Steroid regulated programmed cell death during Drosophila metamorphosis. 1997 , 124, 4673-4683	285
593	Increased cell death in rat blastocysts exposed to maternal diabetes in utero and to high glucose or tumor necrosis factor-alpha in vitro. 1997 , 124, 4827-4836	98
592	Early specification and autonomous development of cortical fields in the mouse hippocampus. 1997 , 124, 4959-4970	84
591	Protease nexin-1 is expressed at the mouse met-/mesencephalic junction and FGF signaling regulates its promoter activity in primary met-/mesencephalic cells. 1997 , 124, 1251-1262	16
590	Mash1 activates a cascade of bHLH regulators in olfactory neuron progenitors. 1997 , 124, 1611-1621	299
589	Sonic hedgehog is required for survival of both myogenic and chondrogenic somitic lineages. 1998 , 125, 2019-2030	129
588	A signaling cascade involving endothelin-1, dHAND and msx1 regulates development of neural-crest-derived branchial arch mesenchyme. 1998 , 125, 3005-3014	197
587	Developmental remodeling and shortening of the cardiac outflow tract involves myocyte programmed cell death. 1998 , 125, 3809-3820	91
586	Ecdysteroid control of cell proliferation during optic lobe neurogenesis in the moth Manduca sexta. 1998 , 125, 269-277	112
585	Strain-dependent embryonic lethality in mice lacking the retinoblastoma-related p130 gene. 1998 , 125, 4669-4679	138
584	Wnt signaling from the dorsal neural tube is required for the formation of the medial dermomyotome. 1998 , 125, 4969-4976	151
583	Ganglion cells influence the fate of dividing retinal cells in culture. 1998 , 125, 1059-1066	98
582	Apoptosis in late stage Drosophila nurse cells does not require genes within the H99 deficiency. 1998 , 125, 1075-1082	136
581	Bone morphogenetic protein 8A plays a role in the maintenance of spermatogenesis and the integrity of the epididymis. 1998 , 125, 1103-1112	124
580	Transient dwarfism and hypogonadism in mice lacking Otx1 reveal prepubescent stage-specific control of pituitary levels of GH, FSH and LH. 1998 , 125, 1229-1239	66
579	Murine Otx1 and Drosophila otd genes share conserved genetic functions required in invertebrate and vertebrate brain development. 1998 , 125, 1691-1702	92
578	Targeted disruption of the homeobox transcription factor Nkx2-3 in mice results in postnatal lethality and abnormal development of small intestine and spleen. 1999 , 126, 2215-2225	127

577	Mutation in ankyrin repeats of the mouse Notch2 gene induces early embryonic lethality. 1999 , 126, 3415-3424	213
576	Craniofacial, vestibular and bone defects in mice lacking the Distal-less-related gene Dlx5. 1999 , 126, 3795-3809	314
575	Targeted ablation of secretin-producing cells in transgenic mice reveals a common differentiation pathway with multiple enteroendocrine cell lineages in the small intestine. 1999 , 126, 4149-4156	71
574	Defining subregions of Hensen's node essential for caudalward movement, midline development and cell survival. 1999 , 126, 4771-4783	57
573	Infertility associated with incomplete spermatogenic arrest and oligozoospermia in Egr4-deficient mice. 1999 , 126, 5061-5071	60
572	A novel fork head gene mediates early steps during Xenopus lens formation. 1999 , 126, 5107-5116	66
571	Anterior movement of ventral diencephalic precursors separates the primordial eye field in the neural plate and requires cyclops. 1999 , 126, 5533-5546	108
570	VEGF deprivation-induced apoptosis is a component of programmed capillary regression. 1999 , 126, 1407-1415	100
569	Presenilin-1 regulates neuronal differentiation during neurogenesis. 2000 , 127, 2593-2606	151
568	Loss of connexin45 causes a cushion defect in early cardiogenesis. 2000 , 127, 3501-3512	167
567	Glia maintain follower neuron survival during Drosophila CNS development. 2000 , 127, 237-244	89
566	Cell interactions within nascent neural crest cell populations transiently promote death of neurogenic precursors. 2000 , 127, 4561-4572	24
565	Sonic hedgehog regulates growth and morphogenesis of the tooth. 2000 , 127, 4775-4785	535
564	A local Wnt-3a signal is required for development of the mammalian hippocampus. 2000 , 127, 457-467	439
563	Investigating the function of follicular subpopulations during Drosophila oogenesis through hormone-dependent enhancer-targeted cell ablation. 2000 , 127, 573-583	96
562	Transdifferentiation of esophageal smooth to skeletal muscle is myogenic bHLH factor-dependent. 2000 , 127, 1627-1639	51
561	Testicular germ cell apoptosis in Bcl6-deficient mice. 2001 , 128, 57-65	60
560	Anti-apoptotic role of Sonic hedgehog protein at the early stages of nervous system organogenesis. 2001 , 128, 4011-4020	73

559	Fgf/MAPK signalling is a crucial positional cue in somite boundary formation. 2001 , 128, 4873-4880	222
558	Hindbrain patterning: Krox20 couples segmentation and specification of regional identity. 2001 , 128, 4967-4978	71
557	Regulation of retinal ganglion cell production by Sonic hedgehog. 2001 , 128, 943-957	128
556	ThejngZn-finger transcription factor is a mediator of cellular differentiation in theDrosophilaCNS midline and trachea. 2002 , 129, 2591-2606	17
555	Absence of Cajal-Retzius cells and subplate neurons associated with defects of tangential cell migration from ganglionic eminence in Emx1/2 double mutant cerebral cortex. 2002 , 129, 3479-3492	89
554	Erythropoietin receptor signalling is required for normal brain development. 2002 , 129, 505-516	276
553	The murine seminiferous epithelial cycle is pre-figured in the Sertoli cells of the embryonic testis. 2002 , 129, 635-647	47
552	Mice that lack astrotactin have slowed neuronal migration. 2002 , 129, 965-972	124
551	Multiple apoptotic death types triggered through activation of separate pathways by cAMP and inhibitors of protein phosphatases in one (IPC leukemia) cell line. 1994 , 107, 3363-3377	67
550	Regulation of cell number in the mammalian gastrointestinal tract: the importance of apoptosis. 1994 , 107, 3569-3577	534
549	Serum deprivation induces apoptotic cell death in a subset of Balb/c 3T3 fibroblasts. 1994 , 107, 1169-1179	97
548	Apoptosis precedes necrosis of dystrophin-deficient muscle. 1995 , 108, 2197-2204	161
547	Differential expression of bcl-2 in intestinal epithelia. Correlation with attenuation of apoptosis in colonic crypts and the incidence of colonic neoplasia. 1995 , 108, 2261-2271	217
546	Degradation of nuclear matrix and DNA cleavage in apoptotic thymocytes. 1996 , 109, 45-56	86
545	Pathogen-induced programmed cell death in tobacco. 1997 , 110, 1333-1344	118
544	Splenic T lymphocytes die preferentially during heat-induced apoptosis: NuMA reorganization as a marker. 1998 , 111, 2305-2313	14
543	Are caspases involved in the death of cells with a transcriptionally inactive nucleus? Sperm and chicken erythrocytes. 1998 , 111, 2707-2715	110
542	Reversal of myogenic terminal differentiation by SV40 large T antigen results in mitosis and apoptosis. 1998 , 111, 1081-1093	44

541	Effect of targeted expression of clusterin in photoreceptor cells on retinal development and differentiation. 1999 , 112, 1455-1464	11
540	p53-independent apoptosis induced by muscle differentiation stimuli in polyomavirus large T-expressing myoblasts. 1999 , 112, 2397-2407	5
539	Inhibition of cadherin function differentially affects markers of terminal differentiation in cultured human keratinocytes. 1999 , 112, 4569-4579	30
538	Two waves of programmed cell death occur during formation and development of somatic embryos in the gymnosperm, Norway spruce. 2000 , 113, 4399-4411	168
537	Cdk5 mediates changes in morphology and promotes apoptosis of astrocytoma cells in response to heat shock. 2001 , 114, 1145-1153	31
536	Neurogenesis, cell death and regeneration in the adult gymnotiform brain. 1999 , 202, 1435-1446	107
535	Oocyte apoptosis during the transition from ovary-like tissue to testes during sex differentiation of juvenile zebrafish. 2002 , 205, 711-718	255
534	Inhibitory Effects of Extracts from Shochu Distillation Remnants on the Growth of Human Stomach Tumor Cells. 2005 , 38, 154-157	5
533	Prostaglandin D2 synthase: Apoptotic factor in alzheimer plasma, inducer of reactive oxygen species, inflammatory cytokines and dialysis dementia. 2013 , 2, 166-80	11
532	Prolonged Effect of 5-Fluorouracil and Its Derivatives on Apoptosis Induction and Mitotic Inhibition in the Intestinal Epithelium of Male BDF1 Mice.. 1998 , 11, 177-182	4
531	Growth Inhibition of a High Dose of 17.BETA.-Estradiol and Ovariectomy on 7,12-Dimethylbenz(a)anthracene-induced Mammary Carcinomas in Female Rats.. 1998 , 11, 257-262	3
530	Tumor Necrosis Factor-.ALPHA. Expression and Kupffer Cell Activation in Hepatotoxicity Caused by Microcystin-LR in Mice.. 2001 , 14, 259-265	8
529	Development of Apoptosis and Changes in Apoptosis-Related Genes Expression in the Thymus of Nivalenol-Treated Mice.. 2001 , 14, 299-304	7
528	1-.BETA.-D-Arabinofuranosylcytosine (Ara-C)-induced Apoptosis in the Rat Fetal Tissues and Placenta. 2003 , 16, 223-229	14
527	T-2 Toxin and Apoptosis. 2006 , 19, 15-27	16
526	Distribution and sequence of pyknotic cells in rat fetuses exposed to busulfan. 2009 , 22, 167-71	5
525	Swimming exercise ameliorates multiple sclerosis-induced impairment of short-term memory by suppressing apoptosis in the hippocampus of rats. 2014 , 10, 69-74	17
524	Influence of mild traumatic brain injury during pediatric stage on short-term memory and hippocampal apoptosis in adult rats. 2014 , 10, 148-54	10

523	Aqueous extract of Cordyceps alleviates cerebral ischemia-induced short-term memory impairment in gerbils. 2016 , 12, 69-78	12
522	Treadmill exercise and wheel exercise improve motor function by suppressing apoptotic neuronal cell death in brain inflammation rats. 2018 , 14, 911-919	27
521	Swimming exercise ameliorates mood disorder and memory impairment by enhancing neurogenesis, serotonin expression, and inhibiting apoptosis in social isolation rats during adolescence. 2020 , 16, 132-140	13
520	Mitogen-activated protein kinases regulate susceptibility to ventilator-induced lung injury. 2008 , 3, e1601	67
519	The role of thioredoxin reductases in brain development. 2008 , 3, e1813	74
518	Involvement of raft aggregates enriched in Fas/CD95 death-inducing signaling complex in the antileukemic action of edelfosine in Jurkat cells. 2009 , 4, e5044	77
517	Shorter exposures to harder X-rays trigger early apoptotic events in <i>Xenopus laevis</i> embryos. 2010 , 5, e8970	3
516	HSPG-binding peptide corresponding to the exon 6a-encoded domain of VEGF inhibits tumor growth by blocking angiogenesis in murine model. 2010 , 5, e9945	30
515	Enhanced Hsp70 expression protects against acute lung injury by modulating apoptotic pathways. 2011 , 6, e26956	29
514	Expression of Tas1 taste receptors in mammalian spermatozoa: functional role of Tas1r1 in regulating basal Ca^{2+} and cAMP concentrations in spermatozoa. 2012 , 7, e32354	50
513	Infections with avian pathogenic and fecal <i>Escherichia coli</i> strains display similar lung histopathology and macrophage apoptosis. 2012 , 7, e41031	37
512	Mouse zygotes respond to severe sperm DNA damage by delaying paternal DNA replication and embryonic development. 2013 , 8, e56385	84
511	The ciliary protein Ftm is required for ventricular wall and septal development. 2013 , 8, e57545	26
510	The response of cerebral cortex to haemorrhagic damage: experimental evidence from a penetrating injury model. 2013 , 8, e59740	20
509	Chromatin compaction protects genomic DNA from radiation damage. 2013 , 8, e75622	125
508	Epigenetics and cell death: DNA hypermethylation in programmed retinal cell death. 2013 , 8, e79140	21
507	Drugging a stem cell compartment using Wnt3a protein as a therapeutic. 2014 , 9, e83650	42
506	<i>Schisandra chinensis</i> peptidoglycan-assisted transmembrane transport of lignans uniquely altered the pharmacokinetic and pharmacodynamic mechanisms in human HepG2 cell model. 2014 , 9, e85165	5

505	A polydnavirus ANK protein acts as virulence factor by disrupting the function of prothoracic gland steroidogenic cells. 2014 , 9, e95104	14
504	Submicron-bubble-enhanced focused ultrasound for blood-brain barrier disruption and improved CNS drug delivery. 2014 , 9, e96327	47
503	Effects of Hydrostatic Pressure on Carcinogenic Properties of Epithelia. 2015 , 10, e0145522	3
502	Pdcd2l Promotes Palmitate-Induced Pancreatic Beta-Cell Apoptosis as a FoxO1 Target Gene. 2016 , 11, e0166692	8
501	Carbon nanotubes exhibit fibrillar pharmacology in primates. 2017 , 12, e0183902	13
500	Tissue Degeneration following Loss of Schistosoma mansoni cbp1 Is Associated with Increased Stem Cell Proliferation and Parasite Death In Vivo. 2016 , 12, e1005963	23
499	Heat shock protein-27 protects human bronchial epithelial cells against oxidative stress-mediated apoptosis: possible implication in asthma. 2002 , 7, 269-80	49
498	Spatial analysis of cell death and Hsp70 induction in brain, thymus, and bone marrow of the hyperthermic rat. 2003 , 8, 395-404	27
497	Physiological Functions of the COPI Complex in Higher Plants. 2015 , 38, 866-75	24
496	Apoptosis of neuronal cells in the brains of postembryonic silkworms Bombyx mori (Lepidoptera: Bombycidae). 2009 , 106, 335-345	5
495	Epithelial apoptosis in mechanistically distinct methods of injury in the murine small intestine. 2007 , 22, 623-30	50
494	Phosphatidylinositol 3-kinase and Akt protein kinase are necessary and sufficient for the survival of nerve growth factor-dependent sympathetic neurons. 1998 , 18, 2933-43	473
493	Activation and cleavage of caspase-3 in apoptosis induced by experimental cerebral ischemia. 1998 , 18, 3659-68	745
492	BCL-XL exerts a protective role against anemia caused by radiation-induced kidney damage. 2020 , 39, e105561	2
491	Apoptotic cell death in arrhythmogenic right ventricular cardiomyopathy: a comparative study with idiopathic sustained ventricular tachycardia. 2000 , 41, 733-41	13
490	Evidence for an Acceleration of Programmed Cell Death in Bronchiolar Epithelium after Exposure to O,O,S-Trimethyl Phosphorothioate. 1996 , 38, 179-185	1
489	The impact of endothelial cell death in the brain and its role after stroke: A systematic review. 2019 , 3, 330-347	22
488	Candida albicans isolated from human fungaemia induces apoptosis in an experimental endocarditis model. 2009 , 104, 858-61	3

487	Apoptose na modulaçã da resposta inflamatãria aos ovos do <i>Schistosoma mansoni</i> . 2000 , 52, 586-591	2
486	Apoptose na depleçã linfocitãria induzida pela toxina T-2 em frangos de corte. Histomorfometria da bolsa de Fabricius. 2000 , 52, 592-598	1
485	Ocorrência de apoptose em leucãitos no esfregaçã de sangue perifãrico e em sincãcios na infecçã in vivo pelo vãrus da cinomose canina. 2003 , 55, 110-112	3
484	Necrotic enterocolitis in pigs naturally infected by porcine circovirus type 2. 2009 , 39, 1801-1807	4
483	<i>Helicobacter pylori</i> and <i>cagA</i> gene detected by polymerase chain reaction in gastric biopsies: correlation with histological findings, proliferation and apoptosis. 2005 , 123, 113-8	5
482	An experimental rat model of ex vivo lung perfusion for the assessment of lungs regarding histopathological findings and apoptosis: low-potassium dextran vs. histidine-tryptophan-ketoglutarate. 2012 , 38, 461-9	3
481	The terminal sequence of complement plays an essential role in antibody-mediated renal cell apoptosis. 1999 , 10, 1242-52	45
480	Apoptosis of tubular epithelial cells in donor kidney biopsies predicts early renal allograft function. 1999 , 10, 2006-13	127
479	Glomerular monocyte-macrophage features in ANCA-positive renal vasculitis and cryoglobulinemic nephritis. 2000 , 11, 2036-2043	46
478	Acceptance reaction: intragraft events associated with tolerance to renal allografts in miniature swine. 2000 , 11, 2371-2380	25
477	Peritubular capillary injury during the progression of experimental glomerulonephritis in rats. 2000 , 11, 47-56	118
476	Differential activation of mitogen-activated protein kinases in experimental mesangioproliferative glomerulonephritis. 2000 , 11, 232-240	49
475	A mouse model of renal tubular injury of tyrosinemia type 1: development of de Toni Fanconi syndrome and apoptosis of renal tubular cells in <i>Fah/Hpd</i> double mutant mice. 2000 , 11, 291-300	28
474	Relationship between expression of <i>Bcl-2</i> genes and growth factors in ischemic acute renal failure in the rat. 2000 , 11, 454-467	154
473	Cyclosporine A inhibits the adaptive responses to hypertonicity: a potential mechanism of nephrotoxicity. 2001 , 12, 2732-2741	30
472	Expression of apoptosis-related genes and proteins in experimental chronic renal scarring. 2001 , 12, 275-288	51
471	Apoptosis and caspase-3 in experimental anti-glomerular basement membrane nephritis. 2001 , 12, 485-495	38
470	De novo demonstration and co-localization of free-radical production and apoptosis formation in rat kidney subjected to ischemia/reperfusion. 2001 , 12, 973-982	172

469	Altered signaling and regulatory mechanisms of apoptosis in focal and segmental glomerulosclerosis. 2001 , 12, 1422-1433	32
468	Involvement of the activin-follistatin system in tubular regeneration after renal ischemia in rats. 2001 , 12, 1685-1695	59
467	The effects of Crataegus aronia var. dentata Browicz extract on biochemical indices and apoptosis in partially hepatectomized liver in rats. 2012 , 12, 177-81	4
466	Mechanistic insight into hyaluronic acid and platelet-rich plasma-mediated anti-inflammatory and anti-apoptotic activities in osteoarthritic mice. 2018 , 10, 4152-4165	14
465	MRTF-A can activate Nrf2 to increase the resistance to doxorubicin. 2017 , 8, 8436-8446	8
464	SphK2 over-expression promotes osteosarcoma cell growth. 2017 , 8, 105525-105535	7
463	A small molecule induces integrin $\alpha 4$ nuclear translocation and apoptosis selectively in cancer cells with high expression of integrin $\alpha 4$. 2016 , 7, 16282-96	18
462	Effect of alpha-lipoic acid on radiation-induced small intestine injury in mice. 2016 , 7, 15105-17	28
461	Tumor necrosis factor receptor 2-signaling in CD133-expressing cells in renal clear cell carcinoma. 2016 , 7, 24111-24	15
460	Germ cell death in the degenerating right ovary of the chick embryo. 1996 , 13, 559-63	22
459	Bioluminescent:Fluorescent Trypanosoma cruzi Reporter Strains as Tools for Exploring Chagas Disease Pathogenesis and Drug Activity. 2021 , 27, 1733-1740	1
458	Do We have a Satisfactory Cell Viability Assay? Review of the Currently Commercially-Available Assays. 2020 , 17, 2-22	7
457	TUNEL Assay to Assess Extent of DNA Fragmentation and Programmed Cell Death in Root Cells under Various Stress Conditions. 2017 , 7, e2502	2
456	A LET-Dependent Decrease in the Apoptotic Response of Normal Human Fibroblast Cultures to Isosurvival Doses of β Rays and Energetic Heavy Ions. 2008 , 22, 41-45	3
455	Heavy-Ion Microbeam Irradiation Induces Bystander Killing of Human Cells. 2008 , 22, 46-53	6
454	Rubratxin B induces apoptosis in human hepatoma cells. 2004 , 54, 21-25	7
453	Historical Studies of Various Forms of Cell Death. 2008 , 55-72	1
452	Evaluation of Ultra-Microscopic Changes and Proliferation of Apoptotic Glioblastoma Multiforme Cells Induced by Velogenic Strain of Newcastle Disease Virus AF2240. 2019 , 20, 757-765	4

451	Postoperative Pain and Epithelial Wound Healing in Epi-LASIK With and Without an Epithelial Sheet Preservation. 2008 , 49, 1894	2
450	Immunohistochemical Study on Wound Healing of a Muscle Flap Transferred into the Oral Cavity of Rats.. 2001 , 6, 29-36	2
449	Ischemic preconditioning protects liver from hepatectomy under hepatic inflow occlusion for hepatocellular carcinoma patients with cirrhosis. 2004 , 10, 2580-4	266
448	Effects of garlicin on apoptosis in rat model of colitis. 2005 , 11, 4579-82	8
447	Inhibition of p38 mitogen-activated protein kinase may decrease intestinal epithelial cell apoptosis and improve intestinal epithelial barrier function after ischemia- reperfusion injury. 2005 , 11, 656-60	27
446	PI 3-kinase pathway is responsible for antiapoptotic effects of atrial natriuretic peptide in rat liver transplantation. 2006 , 12, 1049-55	13
445	Study of the expressions of p53 and bcl-2 genes, the telomerase activity and apoptosis in GIST patients. 2007 , 13, 2626-8	10
444	Xiaotan Tongfu granules contribute to the prevention of stress ulcers. 2013 , 19, 5473-84	6
443	Kupffer cell and apoptosis in experimental HCC. 2000 , 6, 405-407	9
442	Effect of hepatocyte apoptosis induced by TNF-alpha on acute severe hepatitis in mouse models. 2000 , 6, 688-692	35
441	Involvement of apoptosis of alveolar epithelial cells in acute pancreatitis-associated lung injury. 2000 , 6, 920-924	16
440	Effects of Chinese Jianpi herbs on cell apoptosis and related gene expression in human gastric cancer grafted onto nude mice. 2002 , 8, 792-6	31
439	Preparation of monoclonal antibody against apoptosis-associated antigens of hepatoma cells by subtractive immunization. 2002 , 8, 808-14	8
438	Apoptosis in dilated cardiomyopathy. 2000 , 15, 56-64	13
437	Expression of c-FLIP in gastric cancer and its relation to tumor cell proliferation and apoptosis. 2007 , 22, 263-9	8
436	Ginkgo biloba Extract Attenuates Hematological Disorders, Oxidative Stress and Nephrotoxicity Induced by Single or Repeated Injection Cycles of Cisplatin in rats: Physiological and Pathological Studies. 2016 , 10, 235-246	15
435	Differences in Keratocyte Apoptosis Following Transepithelial and Laser-scrape Photorefractive Keratectomy in Rabbits. 1998 , 14, 526-533	37
434	Transpupillary Thermotherapy for Age-Related Macular Degeneration: Long-Pulse Photocoagulation, Apoptosis, and Heat Shock Proteins. 2000 , 31, 359-373	116

433	Autophagy and apoptosis during adult adipose-derived stromal cells differentiation into neuron-like cells in vitro. 2012 , 7, 1205-12	9
432	Apoptosis in the iris and trabecular meshwork of medically treated and untreated primary open angle glaucoma patients. 2013 , 6, 827-30	7
431	(khat) Induces Apoptosis in Madin-Darby Bovine Kidney Cell Line. 2016 , 12, S454-S459	5
430	Intraperitoneal administration of apigenin in liver ischemia/reperfusion injury protective effects. 2016 , 22, 415-422	20
429	Neuroprotective effects of Buyang Huanwu decoction on cerebral ischemia-induced neuronal damage. 2014 , 9, 1621-7	25
428	polypeptide protects dopaminergic neurons from apoptosis induced by rotenone and 6-hydroxydopamine. 2018 , 13, 1981-1987	5
427	The influence of sleep deprivation on expression of apoptosis regulatory proteins p53, bcl-2 and bax following rat tongue carcinogenesis induced by 4-nitroquinoline 1-oxide. 2013 , 10, 247-53	4
426	Time course of cell death due to acoustic overstimulation in the mouse medial geniculate body and primary auditory cortex. 2017 , 19, 133-139	4
425	Apoptosis in the cochlear nucleus and inferior colliculus upon repeated noise exposure. 2018 , 20, 223-231	2
424	Ethyl Acetate Fraction Induces Secondary Necrosis in Human Breast and Lung Cancer Cell Lines. 2017 , 13, S688-S692	6
423	The Influence of HIF-1<i>α</i> Expression on Apoptosis and Number of T Lymphocyte in Peyer's Patches after Burn with Delayed Fluid Resuscitation in Rats at Plateau. 2016 , 07, 390-399	1
422	Alpha1-Adrenoceptor Antagonists Improve Memory by Activating N-methyl-D-Aspartate-Induced Ion Currents in the Rat Hippocampus. 2015 , 19, 228-36	7
421	Cellular and molecular pathways of ischemic neuronal death. 2002 , 35, 67-86	155
420	Suppressive effect of zinc on the formation of colonic preneoplastic lesions in the mouse fed high levels of dietary iron. 2012 , 28, 39-49	2
419	ROLE OF APOPTOSIS AND PROLIFERATION IN DIFFERENTIATION OF HUMAN RETINA, REGIO OLFACTORIA AND REGIO RESPIRATORIA. 2001 , 145, 65-68	3
418	Apoptosis resistance in endometriosis. 2011 , 1, 129-34	9
417	Cytotoxic Distending Toxin From Requires the Cytoskeleton for Toxic Activity. 2016 , 9, e35591	5
416	Hyperbaric Oxygen Therapy Suppresses Apoptosis and Promotes Renal Tubular Regeneration After Renal Ischemia/Reperfusion Injury in Rats. 2016 , 8, e34421	16

415	Caspase inhibitor blocks human immunodeficiency virus 1-induced T-cell death without enhancement of HIV-1 replication and dimethyl sulfoxide increases HIV-1 replication without influencing T-cell survival. 2000 , 124, 240-5	6
414	Evaluation of apoptotic leukocytes in peripheral blood smears. 2000 , 124, 1291-4	21
413	M30 expression demonstrates apoptotic cells, correlates with in situ end-labeling, and is associated with Ki-67 expression in large intestinal neoplasms. 2000 , 124, 1768-72	44
412	Trophoblast apoptosis in human placenta at term as detected by expression of a cytokeratin 18 degradation product of caspase. 2002 , 126, 1480-6	35
411	Expression Profile of Wnt/ β -Catenin Signalling Molecules and the Wnt Antagonist Secreted Frizzled-Related Protein 4 in Apoptosis in Breast Cancer Tissue Micro-Arrays. 2014 , 3, 205-212	1
410	Anti-tumorigenic and Pro-apoptotic effects of CKBM on gastric cancer growth in nude mice. 2004 , 1, 137-145	8
409	Scabrase D Derived from Sea Cucumber Induces Apoptosis and Inhibits Metastasis via iNOS and STAT-3 Expression in Human Cholangiocarcinoma Xenografts. 2016 , 17, 2151-7	7
408	Engineered proteins detect spontaneous DNA breakage in human and bacterial cells. 2013 , 2, e01222	77
407	Tumor-promoting function of apoptotic caspases by an amplification loop involving ROS, macrophages and JNK in. 2017 , 6,	43
406	Safety of Nanobiomaterials for Cancer Nanotheranostics. 2021 , 333-368	0
405	An origami paper-based analytical device for DNA damage analysis. 2021 , 57, 11465-11468	1
404	Recent progress in cytometric technologies and their applications in ecotoxicology and environmental risk assessment. 2021 ,	1
403	Expression of human HIPKs in Drosophila demonstrates their shared and unique functions in a developmental model. 2021 , 11,	0
402	Retinal neuroprotection by controlled release of a VCP inhibitor from self-assembled nanoparticles. 2021 , 339, 307-320	2
401	Degradable co-delivery nanoplatfoms for inflammation-targeted therapy against atherosclerosis. 2021 , 25, 101214	3
400	Molecular Pathology of Cardiac Diseases Liable to Cause Sudden Death. 2000 , 6-33	
399	Apoptosis in Heart Failure Reversible. 2000 , 115-133	
398	Time course of apoptotic cell death after experimental neurotrauma. 2000 , 76, 121-4	4

- 397 In Situ Nick End-labeling: Light Microscopical. **2000**, 19-30
- 396 Real time monitoring of glutamate following fluid percussion brain injury with hypoxia in the rat. **2000**, 76, 207-12 14
- 395 Thymocyte and B-Cell Death Without DNA Fragmentation. **2000**, 375-397 1
- 394 In Situ Nick End-labeling:Electron Microscopical. **2000**, 31-46
- 393 Paraquat is a Model Environmental Neurotoxin for Studying Parkinson's Disease. **2000**, 247-257
- 392 Introduction to the Detection of DNA Strand Breaks. **2000**, 3-12
- 391 Nitric oxide induces apoptosis in megakaryocytic cell lines. **2000**, 95, 3451-3459 2
- 390 CELL PROLIFERATION, APOPTOSIS, BCL-2 AND BAX EXPRESSION IN OBSTRUCTED OPOSSUM EARLY METANEPHROI. **2000**, 511-517 1
- 389 AGE DEPENDENT APOPTOSIS AND LOSS OF RHABDOSPHINCTER CELLS. **2000**, 1781-1785 0
- 388 Detection of Apoptotic Cells in a Dexamethasone-Induced Thymic Apoptosis Model in Rats Using A Modified Warthin-Starry Silver Impregnation Method to Prevent Fading.. **2001**, 14, 225-230 1
- 387 Relaxin retards apoptosis in the cervix and the vagina during pregnancy in rats. **2001**, 35-40
- 386 Apoptosis in the Human Blastocyst: Role of Survival Factors. **2001**, 144-154
- 385 Expressing Intracellular Single-Chain Fv Fragments in Mammalian Cells. **2001**, 755-774
- 384 Mechanisms of Neuronal Cell Death After Ischemic Injury to the Brain. **2001**, 15-24
- 383 Leukemia Inhibitory Factor Prevents Photoreceptor Cell Death in rd^{-/-} Mice by Blocking Functional Differentiation. **2001**, 135-144 1
- 382 IDENTIFICATION OF EFFECTIVE RETINOIDS FOR INHIBITING GROWTH AND INDUCING APOPTOSIS IN BLADDER CANCER CELLS. **2001**, 986-992
- 381 GDNF expression in Wilms tumor. **2001**, 165, 2269-73 2
- 380 Design of Hammerhead Ribozymes and Allosterically Controllable Maxizymes for Cancer Gene Therapy. **2002**, 233-260

379 Tunel (TdT-Mediated dUTP Nick End Labeling).

378 Biology and Molecular Genetics of Colorectal Cancer. **2002**, 3-21

377 Does Apoptosis Play a Role in the Development of Sepsis-Induced Myocardial Dysfunction?. **2002**, 124-136

376 Cerebrovascular disease and hypothermia Part II: an experimental approach for ischemic neuronal death. **2002**, 195-201

375 Inhibitory Effects of Epigallocatechin Gallate on Apoptosis in Human Vascular Endothelial Cells. **2002**, 31, 672-678

374 Programmed Cell Death in *C. elegans*. **2003**, 135-144

373 Induction and molecular regulation of host cell apoptosis by infectious pancreatic necrosis virus infection. **2003**, 270-276

372 Programmed Cell Death. Apoptosis in Focal Brain Ischemia. **2003**, 183-205

371 Experimental Transplantation of Carcinoma to Tooth Extraction Sockets: A bone invasion model. **2003**, 8, 61-69

1

370 Inhibition of Degranulation of Resident Cardiac Mast Cells May Prevent Ischaemia and Reperfusion-Induced Myocardial Injury. **2004**, 287-301

369 ANTITUMOR-EFFECT OF REACTIVE OXYGEN SPECIES GENERATED BY ISCHEMIA-REPERFUSION MODEL AGAINST RABBIT VX2 CARCINOMA TRANSPLANTED INTO THE MASSETER REGION. **2004**, 30, 524-531

368 [Apoptosis participation in the acute rejection of intestinal transplantation in rats]. **2004**, 41, 193-8

367 HIV-1 Infection and Cell Death in the Nervous System. **2005**, 381-403

366 Approaches Used to Detect Apoptosis. **2005**, 35-54

365 Differences in Sensitivity of F344 Rats from Different Breeders to Phenobarbital Hepatocarcinogenicity. **2006**, 19, 29-36

364 The TUNEL observation of murine follicular oocyte cleaving with repeated superovulation. **2006**, 21, 1-5

363 Cell Death. **2006**, 73-90

362 Expression of Caspase 3, Survivin, and p53 Protein in Urethane Induced Mouse Lung Carcinogenesis. **2007**, 63, 251

- 361 Relation of Poly(ADP-ribose) Polymerase Cleavage and Apoptosis Induced by Paclitaxel in HeLa S3 Uterine Cancer Cells. **2007**, 17, 1027-1033 0
- 360 Ultrasound-Induced Apoptosis. **2007**, 181-194
- 359 The effects of combining docetaxel and cyclooxygenase-2 inhibitors on proliferation and apoptosis in epithelial ovarian cancer. **2007**, 18, 889-96 6
- 358 Factors affecting neuronal birth and death in the mammalian olfactory epithelium. **1996**, 196, 188-205; discussion; 205-10 2
- 357 A case of acute radiation syndrome from the dermatological aspect. **2007**, 071119222739003-???
- 356 Whole embryo assays for programmed cell death. **2008**, 461, 729-34
- 355 Influence of cigarette smoke and nicotine on the morphological change of human periodontal ligament fibroblasts.. **2008**, 50, 238-249
- 354 POLYPOID DISEASE. **2008**, 897-940
- 353 ??????????????????????????????. **2008**, 29, 112-118 0
- 352 Vascular Endothelial Growth Factor (VEGF) and Advanced Glycation End Products (AGEs) Overexpression in the Retina and Serum and Lens Opacities of Streptozotocin-induced Diabetic Rats. **2008**, 32, 44
- 351 Programmed Cell Death in *C. elegans*. **2009**, 355-373
- 350 Effect of Steroid 5 β Reductase Inhibitors on Markers of Tumor Regression and Proliferation in Prostate Cancer. **2009**, 155-173
- 349 The effects of desflurane on delayed neuronal injury after transient forebrain ischemia in the rat. **2009**, 57, 195-202
- 348 Disappearance of medial edge epithelium during morphogenesis of the secondary palate in mice. **2009**, 55, 54-60
- 347 Expression of Survivin in Gastric Carcinoma and its Relation to Tumor Cell Proliferation and Apoptosis. **2009**, 43, 329 1
- 346 Apoptosis of human fetal pancreatic islets during short-term culture. **2009**, 61, 9-15 1
- 345 Molecular Techniques in Surgical Research. **2010**, 951-974
- 344 Neurochemical Aspects of Ischemic Injury. **2010**, 27-65

343 EM-ISEL: a useful tool to visualize DNA damage at the ultrastructural level. **2011**, 682, 29-36

342 Apoptosis In Vivo. **2011**, 625-640

341 Special techniques in surgical pathology. **2011**, 37-93

340 Astrocytomas: Role of Taurine in Apoptosis Using Magnetic Resonance Spectroscopy. **2012**, 121-128

339 Assessments for Traumatic Brain Injury: An Introduction. **2012**, 247-256

338 Protective effect of exogenous IGF-I on the intestinal mucosal barrier in rats with severe acute pancreatitis. **2012**, 3, 213-20

2

337 Apoptose na infecç experimental de ces domticos com Ehrlichia canis. **2012**, 42, 1457-1463

336 In Vitro Assessment of Biocompatibility for Orthodontic Materials. **2013**, 61-78

1

335 Effect of Soyasaponin on Pulmonary Tissue Apoptosis of Silicotic Fibrosis Rats. **2013**, 735-740

334 Cell Survival and Death in Rheumatic Diseases. **2013**, 382-399.e4

1

333 Apo Taq expression on salivary glands by the restraint stress in Rat. **2013**, 38, 291-298

332 Neuroprotection for Photoreceptors. **2014**, 191-204

331 Mechanisms of Development. **2014**, 53-104

330 Suppression of <i>N</i>-Methyl-<i>N</i>-Nitrosourea-Induced Retinal Damage in Mice by Oligonol, an Oligomerized Polyphenol Formulation. **2014**, 04, 138-147

329 T Cell Tolerance in T Cell Receptor Transgenic lpr/lpr Mice. **1994**, 83-111

328 Introduction. **1995**, 1-36

1

327 Transfer and Expression of Antioncogenes and Paraneoplastic Genes in Normal and Neoplastic Cells in Vitro and in Vivo. **1995**, 275-VIII

326 References. **1995**, 707-850

- 325 Apoptosis of Photoreceptors and Lens Fiber Cells with Cataract and Multiple Tumor Formation in the Eyes of Transgenic Mice Lacking the P53 Gene and Expressing the HPV 16 E7 Gene Under the Control of the IRBP Promoter. **1995**, 39-49
- 324 Biomolecular Approaches to Neurotoxic Hazard Assessment. **1995**, 399-421
- 323 Programmed cell death in Drosophila. **1995**, 11-14
- 322 Hormonal Control of Prostatic Differentiation and Morphogenesis: The Impact of Apoptosis and Steroid Hormone Receptor Expression. **1995**, 1-33
- 321 Anti-Growth Factor Activity of Antiestrogens in Human Breast Cancer Cells: A Review. **1995**, 143-160
- 320 DNA nick end labeling: a reliable marker for apoptosis?. **1995**, 53, 962-963
- 319 Effect of 15-Deoxyspergualin (DSG) on Rat Kidney Allograft. **1995**, 2197-2202
- 318 Apoptosis in MPP+-Treated Mesencephalic-Striatal Co-Culture and MPTP-Induced Hemiparkinsonian Monkeys. **1996**, 375-380
- 317 Molecular Mechanisms Controlling Susceptibility to Tumor Necrosis Factor Induced Cell Death. **1996**, 143-154
- 316 Induction of Apoptosis in Malignant Glioma Cells by Anti-Fas Antibody. **1996**, 293-301
- 315 Detection of Single and Double Strand DNA Breaks during Excitotoxic or Apoptotic Neuronal Cell Death. **1996**, 383-392
- 314 Hemopoietic Cell Differentiation and Death By Retinoids. **1996**, 155-165
- 313 Detection of apoptosis and apoptosis-associated alterations. **1996**, 1111-1125
- 312 Apoptosis in Colonic Epithelium: A Message from the Crypt. **1996**, 167-175 1
- 311 ??????????. **1996**, 22, 4-8
- 310 The role of tissue-fixed macrophages in apoptosis in the developing kidney.. **1996**, 9, 212-214
- 309 Mechanisms of Selective Neuronal Vulnerability to 1-Methyl-4-Phenylpyridinium (MPP+) Toxicity. **1996**, 439-446
- 308 ?????????????? : apoptosis???????? : ??????????(?60????????????????????,????????????). **1996**, 4, 205-212

307 Neuropathological Changes Following Experimental Stereotactic Irradiation : Progressive Injuries of Oligodendrocytes. **1997**, 6, 441-447

306 Changes in lymphocyte subsets in patients suffering from hepatocellular carcinoma with liver cirrhosis after microwave coagulation therapy. **1997**, 15, 47-57

305 Blood-brain barrier disruption, HSP70 expression and apoptosis due to 3-nitropropionic acid, a mitochondrial toxin. **1997**, 70, 237-9

12

304 Activation of Matrix Metalloproteinase Genes during Thyroid Hormone-Induced Apoptotic Tissue Remodeling. **1997**, 13-26

303 Myasthenia Gravis with Thymoma and Fas Antigen. **1997**, 247-251

302 Lessons from Animal Models of Viral Myocarditis. **1997**, 35-43

301 Molecular pathogenesis of myc-initiated B-cell lymphomas in the bursa of Fabricius. **1997**, 224, 231-8

2

300 ??????thagentosis□**1997**, 23, 13-16

299 Cell death in oral tissues and diseases.. **1997**, 2, 1-10

298 Relationship between apoptosis and p53 protein expression in squamous cell carcinoma of the esophagus. **1997**, 5, 91-94

297 Glycohistochemical Study of Light-Induced Retinal Degeneration. **1997**, 181-191

1

296 Relationship Between the Phenotypes of Circulating Erythrocytes and Cultured Erythroblasts in Paroxysmal Nocturnal Hemoglobinuria. **1997**, 90, 435-443

295 Inactivation of the Fanconi Anemia Group C Gene Augments Interferon-Induced Apoptotic Responses in Hematopoietic Cells. **1997**, 90, 974-985

9

294 Apoptosis in transitional cell carcinoma of the renal pelvis and ureter: association with proliferative activity, bcl-2 expression and prognosis. **1997**, 158, 750-3

3

293 ?????????? : ???????. **1997**, 5, 351-358

292 Apoptosis in Bone Cells. **1998**, 61-82

291 Pathways to Oxidative Cell Death. **1998**, 215-224

290 Animal Models of Cerebral Ischemia. **1998**, 211-230

- 289 Calcium-Dependent Signalling in Apoptosis. **1998**, 291-310
- 288 Apoptosis in Drosophila. **1998**, 205-241
- 287 Suppression of Cell Proliferation and the Expression of abcr-abl Fusion Gene and Apoptotic Cell Death in a New Human Chronic Myelogenous Leukemia Cell Line, KT-1, by Interferon- β . **1998**, 91, 641-648 0
- 286 Immunological Methods in Small Animal Research. **1998**, 325-337
- 285 Prevention of apoptosis in the developing mouse hypogastric ganglion by androgen given prenatally. **1998**, 44, 63-70
- 284 Epithelial cell turnover and apoptosis. **1998**, 110-122 1
- 283 Expression of P-Selectin on Hepatic Endothelia and Platelets Promoting Neutrophil Removal by Liver Macrophages. **1998**, 92, 520-528
- 282 The novel histamine H2 receptor antagonist FRG-8813 prevents delay of wound repair induced by hydrogen peroxide in a rabbit gastric epithelial cell system. **1998**, 13, S209-S213
- 281 Assessment of Cell Viability and Histochemical Methods in Apoptosis. **1998**,
- 280 Human Immunodeficiency Virus Type 1 Infection. **1998**,
- 279 Delayed Neuronal Death in Experimental Ischemic Stroke. **1999**, 267-273
- 278 Detection of DNA Strand Breakage in the Analysis of Apoptosis and Cell Proliferation by Flow and Laser Scanning Cytometry. **1999**, 607-619 1
- 277 [The relationship between p53 protein and c-erb B-2 expression and apoptosis in colorectal cancer]. **1999**, 66, 181-7 1
- 276 Rate of Thymidylate Synthetase Inhibition in Gastric Cancer Tissue: Prognostic Indicators in Advanced Gastric Cancer Patients with Preoperative Chemotherapy. **1999**, 11, 83-91
- 275 Use of Biochemical and Molecular Biomarkers for Cancer Risk Assessment in Humans. **1999**, 81-182 2
- 274 Genetic Determinants of Cell Death and Toxicity. **1999**, 437-451 1
- 273 Cell Death. **1999**, 58-77
- 272 HIV-1 Infection of the CNS. **1999**, 511-519

- 271 Koexpression des Cytosin-Deaminase- und des hIL-4-Gens für eine kombinierte Immun-/Chemotherapie. **1999**, 365-370
- 270 Effect of Diet and Apolipoprotein E Phenotype on Serum Lipoprotein(a) Concentration in Children at 5 Years of Age. **1999**, 45, 131A-131A
- 269 17. Mutagenic effects at DNA and chromosome level. **2014**, 333-354
- 268 p53 Regulates Developmental Apoptosis and Gene Expression to Modulate Lens Differentiation. **2015**, 275-285
- 267 THE ACTIVITY OF LYSOSOMAL ENZYMES IN UNCOMPLICATED POSTPARTUM AND ENDOMETRITIS. **2014**, 22, 31
- 266 Effect of Guibi-tang on Neuronal Apoptosis and Cognitive Impairment Induced by Beta Amyloid in Mice. **2014**, 35, 10-23 1
- 265 Evaluating the Importance of Apoptotic Index, Mitotic Index and Turnover Index in Premalignant and Malignant Lesions of Cervix. **2015**, 05, 29-37
- 264 Proteases in Apoptosis: Protocols and Methods. **2015**, 143-202 0
- 263 Enhancement of HIFU Effect by Simultaneous Short Course Degarelix for Early Stage Prostate Cancer: A Pilot Study. **2016**, 06, 49-54 1
- 262 LIGHT MICROSCOPIC EVALUATION OF APOPTOSIS IN PREMALIGNANT AND MALIGNANT LESIONS OF THE UTERINE CERVIX. **2016**, 5, 774-777
- 261 Influence of Reactive Oxygen Species Produced by Chlorine Dioxide on Induction of Insect Cell Apoptosis. **2016**, 267-275
- 260 Zebra Tail Amplification: Accelerated Detection of Apoptotic Blunt-Ended DNA Breaks by In Situ Ligation. **2017**, 1644, 167-177
- 259 Staining Techniques and Microscopy. **2018**, 17-45 0
- 258 Interleukin-13 Increases Podocyte Apoptosis in Cultured Human Podocytes. **2018**, 22, 22-27 1
- 257 Postnatal Fare Testis Gelişiminde Caspase-Bağlı ve Caspase-Bağımsız Apoptozun Değerlendirilmesi. **2018**, 44, 103-109
- 256 High rates of apoptosis visualized in the symbiont-bearing gills of deep-sea Bathymodiolus mussels.
- 255 Application of Molecular Pathology in Forensic Medical Diagnosis. **2019**, 29-43
- 254 Cell Death Analysis in Retinal Cultures. **2019**, 1834, 143-152

- 253 Intracellular DNA replication and differentiation of *Trypanosoma cruzi* asynchronous within individual host cells in vivo at all stages of infection.
- 252 BCL-XL is essential for the protection from secondary anemia caused by radiation-induced fatal kidney damage.
- 251 Time-resolved expression analysis comparing two selective retinal cell ablation paradigms in zebrafish reveals shared and cell-specific regenerative regulatory networks.
- 250 Classic articles in Apoptotic Research: A Bibliometric Analysis.
- 249 Enhanced apoptotic index, chemokines and inflammatory recruitment in renal tissues shows relationship with the clinical signs in Leishmania-infected dogs. **2021**, 300, 109611
- 248 Ganglion cells apoptosis in diabetic rats as early prediction of glaucoma: a study of Brn3b gene expression and association with change of quantity of NO, caspase-3, NF- κ B, and TNF- α . **2020**, 13, 1872-1879
- 247 Fetal Growth Plate Cartilage : Histological and Immunohistochemical Techniques. **2021**, 2245, 53-84
- 246 Transcriptional down-regulation of metabolic genes by Gdown1 ablation induces quiescent cell re-entry into the cell cycle.
- 245 Flow cytometric evaluation of canine follicular cell apoptosis during the oestrous cycle. **2021**,
- 244 Molecular mechanisms of apoptosis induced by CD3 ϵ peptide. **2002**, 153-154
- 243 Suppression of W Damage-Induced Apoptosis of Human Melanoma Cells by a Fermented Milk, Kefir. **2002**, 385-389
- 242 Suppression of Apoptosis in UV-Damaged Human Melanoma cells by a Fermented Milk, Kefir. **1999**, 437-439
- 241 Responses of the SVZ to Radiation and Chemotherapy. **2006**, 185-209
- 240 The Role of Early Experience in Olfactory Bulb Cell Survival. **1999**, 73-85
- 239 Apoptosis: a distinctive form of cell death. **2000**, 123-135
- 238 Methods for studying cell death in bone. **1998**, 127-148
- 237 Myocardial Infarction. **2005**, 219-241
- 236 Neural Stem Cells. **2006**, 13-22

235	Tributyltin (TBT) Increases TNF mRNA Expression and Induces Apoptosis in the Murine Macrophage Cell Line in Vitro. 2004 , 9, 266-271	0
234	Functional characterization of human Homeodomain-interacting protein kinases (HIPKs) in <i>Drosophila melanogaster</i> reveal both conserved functions and differential induction of HOX gene expression.	
233	Uterine dysfunction and genetic modifiers in centromere protein B-deficient mice. 2000 , 10, 30-41	35
232	An auxiliary mode of apoptotic DNA fragmentation provided by phagocytes. 2000 , 14, 549-58	128
231	NUC-1, a <i>Caenorhabditis elegans</i> DNase II homolog, functions in an intermediate step of DNA degradation during apoptosis. 2000 , 14, 536-48	121
230	Mice deficient for the lysosomal proteinase cathepsin D exhibit progressive atrophy of the intestinal mucosa and profound destruction of lymphoid cells. 1995 , 14, 3599-608	124
229	NF-M (chicken C/EBP beta) induces eosinophilic differentiation and apoptosis in a hematopoietic progenitor cell line. 1995 , 14, 6127-35	31
228	Down-regulation of wild-type p53 activity interferes with apoptosis of IL-3-dependent hematopoietic cells following IL-3 withdrawal. 1994 , 13, 1368-74	50
227	c-Myc induces cellular susceptibility to the cytotoxic action of TNF-alpha. 1994 , 13, 5442-50	32
226	Inhibition of apoptosis by the retinoblastoma gene product. 1995 , 14, 461-72	54
225	Contrasting roles for c-Myc and L-Myc in the regulation of cellular growth and differentiation in vivo. 1995 , 14, 743-56	19
224	Apoptotic death in epithelial cells: cleavage of DNA to 300 and/or 50 kb fragments prior to or in the absence of internucleosomal fragmentation. 1993 , 12, 3679-84	223
223	The ATP binding cassette transporter ABC1, is required for the engulfment of corpses generated by apoptotic cell death. 1996 , 15, 226-35	45
222	Expression of V642 APP mutant causes cellular apoptosis as Alzheimer trait-linked phenotype. 1996 , 15, 498-509	28
221	Cell type-specific inhibition of p53-mediated apoptosis by mdm2. 1996 , 15, 1596-606	63
220	Anti-apoptotic activity of low levels of wild-type p53. 1996 , 15, 4566-73	27
219	Cross-linking of T-cell receptors on double-positive thymocytes induces a cytokine-mediated stromal activation process linked to cell death. 1996 , 15, 5876-87	9
218	Cell death induced by gamma irradiation of developing skeletal muscle. 1995 , 187 (Pt 1), 127-32	7

217	Reactive oxygen species activate a Ca ²⁺ -dependent cell death pathway in the unicellular organism <i>Trypanosoma brucei brucei</i> . 1999 , 340 (Pt 1), 33-40	27
216	Role of Ca ²⁺ in apoptosis evoked by human amylin in pancreatic islet beta-cells. 1999 , 343 Pt 1, 53-61	11
215	Acquired color vision loss and a possible mechanism of ganglion cell death in glaucoma. 2000 , 98, 331-63	24
214	Apoptosis in human retinal degenerations. 1996 , 94, 411-30; discussion 430-1	47
213	Analysis of cell damage and proliferation in <i>Helicobacter pylori</i> -infected human gastric mucosa from patients with gastric adenocarcinoma. 1997 , 151, 821-9	38
212	Decreased vascular smooth muscle cell density in medial degeneration of human abdominal aortic aneurysms. 1997 , 150, 993-1007	324
211	Apoptosis and expression of inducible nitric oxide synthase are mutually exclusive in renal mesangial cells. 1997 , 150, 889-900	29
210	In vivo evidence of apoptosis in arrhythmogenic right ventricular cardiomyopathy. 1998 , 152, 479-84	119
209	Macrophage apoptosis in rat crescentic glomerulonephritis. 1997 , 151, 531-8	35
208	Involvement of transcription factor encoded by the mouse <i>mi</i> locus (MITF) in apoptosis of cultured mast cells induced by removal of interleukin-3. 1997 , 151, 1043-51	21
207	Keratinocytes derived from psoriatic plaques are resistant to apoptosis compared with normal skin. 1997 , 151, 1321-9	133
206	Rare glomerular capillary regeneration and subsequent capillary regression with endothelial cell apoptosis in progressive glomerulonephritis. 1997 , 151, 1231-9	84
205	Biotin-labeled hairpin oligonucleotides: probes to detect double-strand breaks in DNA in apoptotic cells. 1998 , 152, 897-902	42
204	RNA synthesis and splicing interferes with DNA in situ end labeling techniques used to detect apoptosis. 1998 , 152, 885-8	148
203	Experimental production and modulation of human cytotoxic dermatitis in human-murine chimeras. 1997 , 150, 631-9	23
202	Cellular retinol-binding protein-1 is expressed by distinct subsets of rat arterial smooth muscle cells in vitro and in vivo. 1997 , 150, 509-21	63
201	Analysis of apoptosis during hair follicle regression (catagen). 1997 , 151, 1601-17	254
200	Cellular retinol-binding protein-1 is transiently expressed in granulation tissue fibroblasts and differentially expressed in fibroblasts cultured from different organs. 1997 , 151, 1741-9	32

199	Diverse cell death pathways result from a single missense mutation in weaver mouse. 1997 , 151, 1629-38	32
198	Focally regulated endothelial proliferation and cell death in human synovium. 1998 , 152, 691-702	85
197	The presence of apoptotic cells in human atherosclerotic lesions. 1997 , 150, 371-3	15
196	Apoptotic-like changes in Lewy-body-associated disorders and normal aging in substantia nigral neurons. 1997 , 150, 119-31	185
195	Short-term urinary flow impairment deregulates PAX2 and PCNA expression and cell survival in fetal sheep kidneys. 1998 , 152, 1225-35	47
194	Apoptosis during an early stage of nephrogenesis induces renal hypoplasia in bcl-2-deficient mice. 1996 , 148, 1601-11	32
193	Evidence of cardiocyte apoptosis in myocardium of dogs with chronic heart failure. 1996 , 148, 141-9	219
192	Biotin- or digoxigenin-conjugated nucleotides bind to matrix vesicles in atherosclerotic plaques. 1996 , 148, 1771-7	80
191	Photoreceptor apoptosis induced by a single systemic administration of N-methyl-N-nitrosourea in the rat retina. 1996 , 148, 631-41	49
190	Role of calmodulin in HIV-potentiated Fas-mediated apoptosis. 1996 , 149, 903-10	30
189	In situ apoptosis assay for the detection of early acute myocardial infarction. 1996 , 149, 821-9	72
188	Apoptosis is a major pathway responsible for the resolution of type II pneumocytes in acute lung injury. 1996 , 149, 845-52	162
187	Cell fusion to study nuclear-cytoplasmic interactions in endothelial cell apoptosis. 1996 , 149, 115-28	5
186	Induction of fibroblast apoptosis by anti-CD44 antibody: implications for the treatment of fibroproliferative lung disease. 1996 , 149, 1639-50	57
185	Apoptosis is abundant in human atherosclerotic lesions, especially in inflammatory cells (macrophages and T cells), and may contribute to the accumulation of gruel and plaque instability. 1996 , 149, 367-80	298
184	Ultrastructural and light microscopic evidence of apoptosis after middle cerebral artery occlusion in the rat. 1995 , 146, 1045-51	199
183	Discordant expression of Bcl-x and Bcl-2 by keratinocytes in vitro and psoriatic keratinocytes in vivo. 1995 , 146, 1079-88	113
182	Evidence of apoptotic cell death in HIV encephalitis. 1995 , 146, 1121-30	222

181	Development expression of Hox11 and specification of splenic cell fate. 1995 , 146, 1089-101	40
180	Ovarian angiogenesis. Phenotypic characterization of endothelial cells in a physiological model of blood vessel growth and regression. 1995 , 147, 339-51	130
179	Evidence for apoptosis in human atherogenesis and in a rat vascular injury model. 1995 , 147, 267-77	347
178	Evidence for apoptosis in advanced human atheroma. Colocalization with interleukin-1 beta-converting enzyme. 1995 , 147, 251-66	460
177	New characterization of infectious mononucleosis and a phenotypic comparison with Hodgkin's disease. 1995 , 146, 379-88	42
176	Lymphocyte apoptosis during the silencing of the immune response to acute viral infections in normal, lpr, and Bcl-2-transgenic mice. 1995 , 147, 79-91	88
175	Association of neurotrophin receptor expression and differentiation in human neuroblastoma. 1995 , 147, 102-13	53
174	Evidence of apoptotic cell death after experimental traumatic brain injury in the rat. 1995 , 147, 1575-83	381
173	Quantitative in situ image analysis of apoptosis in well and poorly differentiated tumors from rat liver. 1995 , 147, 1626-32	16
172	Defining apoptosis. 1995 , 146, 16-9	231
171	Detection of apoptosis and expression of apoptosis-related proteins during human intrahepatic bile duct development. 1995 , 146, 67-74	97
170	Apoptosis, oncosis, and necrosis. An overview of cell death. 1995 , 146, 3-15	2087
169	Apoptosis mediates the decrease in cellularity during the transition between granulation tissue and scar. 1995 , 146, 56-66	799
168	DNA fragmentation of human infarcted myocardial cells demonstrated by the nick end labeling method and DNA agarose gel electrophoresis. 1995 , 146, 1325-31	190
167	Dynamics of cell proliferation and cell death during the emergence of primitive neuroectodermal tumors of the immature central nervous system in transgenic mice. 1995 , 146, 1376-87	10
166	Effect of vitamin A deficiency on the integrity of hepatocytes after partial hepatectomy. 1995 , 147, 699-706	10
165	Massive apoptosis in infantile myofibromatosis. A putative mechanism of tumor regression. 1994 , 144, 480-5	93
164	An immunohistochemical study of tissue transglutaminase in gliomas with reference to their cell dying processes. 1994 , 145, 776-81	17

163	Keratinocyte growth factor causes cystic dilation of the mammary glands of mice. Interactions of keratinocyte growth factor, estrogen, and progesterone in vivo. 1994 , 145, 1015-22	18
162	Development of central nervous system pathology in a murine transgenic model of human amyotrophic lateral sclerosis. 1994 , 145, 1271-9	292
161	Immunohistochemical determination of in vivo distribution of Bax, a dominant inhibitor of Bcl-2. 1994 , 145, 1323-36	422
160	Cell proliferation and apoptosis in isoprenaline-induced sialosis in the rat submandibular glands. 1995 , 76, 263-9	9
159	Taxol-induced mitotic block triggers rapid onset of a p53-independent apoptotic pathway. 1995 , 1, 506-26	76
158	Nerve growth factor prevents both neuroretinal programmed cell death and capillary pathology in experimental diabetes. 1995 , 1, 527-34	81
157	Interferon-gamma-induced oligodendrocyte cell death: implications for the pathogenesis of multiple sclerosis. 1995 , 1, 732-43	93
156	Neurovirulent simian immunodeficiency virus infection induces neuronal, endothelial, and glial apoptosis. 1996 , 2, 417-28	27
155	Transgenic mice expressing Shb adaptor protein under the control of rat insulin promoter exhibit altered viability of pancreatic islet cells. 1999 , 5, 169-80	3
154	Beta-cell apoptosis in an accelerated model of autoimmune diabetes. 1998 , 4, 495-501	9
153	A decrease in retinal progenitor cells is associated with early features of diabetic retinopathy in a model that combines diabetes and hypertension. 2008 , 14, 1680-91	9
152	Helicobacter pylori and apoptosis. 1998 , 71, 53-61	14
151	Caspases as therapeutic targets in Alzheimer's disease: is it time to "cut" to the chase?. 2009 , 2, 108-18	34
150	Defects in retinal pigment epithelium cell proliferation and retinal attachment in mutant mice with p27(Kip1) gene ablation. 2007 , 13, 273-86	19
149	Apoptosis after reperfused myocardial infarction: Role of angiotensin II. 2004 , 9, 219-28	3
148	Osteogenic protein-1 reduces intercellular adhesion molecule-1 messenger RNA expression, infarct size and TUNEL-positive cardiomyocytes in ischemia/reperfusion rat hearts. 2003 , 8, 195-200	
147	Ciglitazone, a novel inhibitor of lung apoptosis following hemorrhagic shock. 2010 , 3, 1-9	4
146	The specific inhibition of HepG2 cells proliferation by apoptosis induced by gabexate mesilate. 2010 , 3, 710-7	4

145	Apoptosis within spontaneously accepted mouse liver allografts: evidence for deletion of cytotoxic T cells and implications for tolerance induction. 1997 , 158, 4654-61	202
144	Achilles tendinosis: a morphometrical study in a rat model. 2011 , 4, 683-91	15
143	Differentiation of neural cells in the fetal cerebral cortex of cynomolgus monkeys (<i>Macaca fascicularis</i>). 2012 , 62, 53-60	4
142	Effect of high sugar levels on miRNA expression. Studies with galactosemic mice lenses. 2012 , 18, 1609-18	13
141	Cytometry of apoptosis. Historical perspective and new advances. 2012 , 34, 255-62	48
140	Extract of <i>Azadirachta indica</i> (Neem) Leaf Induces Apoptosis in 4T1 Breast Cancer BALB/c Mice. 2011 , 13, 107-16	9
139	Effects of phlorizin on diabetic retinopathy according to isobaric tags for relative and absolute quantification-based proteomics in db/db mice. 2013 , 19, 812-21	17
138	Neuropathological changes in brain cortex and hippocampus in a rat model of Alzheimer's disease. 2011 , 15, 51-8	26
137	The time course of action of two neuroprotectants, dietary saffron and photobiomodulation, assessed in the rat retina. 2013 , 2, 208-20	18
136	Implication of cell kinetic changes during the progression of human prostatic cancer. 1995 , 1, 473-80	221
135	Bcl-2 in suppressing neuronal apoptosis after spinal cord injury. 2011 , 2, 38-44	14
134	MicroRNA-96 regulates RGC-5 cell growth through caspase-dependent apoptosis. 2014 , 7, 3694-702	7
133	Role of morphine preconditioning and nitric oxide following brain ischemia reperfusion injury in mice. 2015 , 18, 14-21	22
132	The role of high mobility group box 1 (HMGB-1) in the diabetic retinopathy inflammation and apoptosis. 2015 , 8, 6807-13	20
131	Effects of human umbilical cord mesenchymal stem cell transplantation combined with minimally invasive hematoma aspiration on intracerebral hemorrhage in rats. 2015 , 7, 2176-86	11
130	Cytotoxicity of GuttaFlow Bioseal, GuttaFlow 2, AH-Plus and MTA Fillapex. 2017 , 12, 354-359	6
129	Brain Iron Distribution after Multiple Doses of Ultra-small Superparamagnetic Iron Oxide Particles in Rats. 2018 , 68, 139-147	6
128	Regulation of retinal ganglion cell production by Sonic hedgehog. 2001 , 128, 943-57	61

127	Chronology of Gonadal Development in the Malayan Snail-eating Turtle. 2020 , 59, e20	3
126	Apoptosis in leukoaraiosis. 2000 , 21, 79-82	33
125	A longitudinal immunohistochemical study of the healing of experimental aneurysms after embolization with platinum coils. 2006 , 27, 736-41	26
124	Biological toxicity of nanoparticles. 2022 , 603-628	2
123	Role of caspases, apoptosis and additional factors in pathology of Alzheimer's disease. 2022 , 69-151	0
122	Nuclear and cytoplasmic huntingtin inclusions exhibit distinct biochemical composition, interactome and ultrastructural properties. 2021 , 12, 6579	4
121	Design structure of fusion protein of bovine DNA exotransferase and E. coli SSB protein. 2021 , 65, 568-575	
120	Zn-Dependent Nuclease Is Involved in Nuclear Degradation during the Programmed Cell Death of Secretory Cavity Formation in 'Tomentosa' Fruits. 2021 , 10,	0
119	Mass Spectrometry Imaging (MSI) Delineates Thymus-Centric Metabolism In Vivo as an Effect of Systemic Administration of Dexamethasone. 2021 , 11, 11038	
118	▯Aminoisobutyric acid, L-BAIBA, protects PC12 cells from hydrogen peroxide-induced oxidative stress and apoptosis via activation of the AMPK and PI3K/Akt pathway.. 2022 , 12, 65-72	1
117	Transcriptomic Analysis Reveals That Rho GTPases Regulate Trap Development and Lifestyle Transition of the Nematode-Trapping Fungus .. 2022 , e0175921	9
116	Placental malaria caused by Plasmodium vivax or P. falciparum in Colombia: Histopathology and mediators in placental processes.. 2022 , 17, e0263092	1
115	Product evaluation: safety and toxicity studies. 2022 , 409-434	
114	Cellular and Molecular Nature of Fragmentation of Human Embryos.. 2022 , 23,	1
113	A Fluorogenic ONOO-Triggered Carbon Monoxide Donor for Mitigating Brain Ischemic Damage.. 2022 ,	2
112	A novel small-molecule activator of unfolded protein response suppresses castration-resistant prostate cancer growth.. 2022 , 532, 215580	0
111	Dual regulating of mitochondrial fusion and Timp-3 by leflunomide and diallyl disulfide combination suppresses diethylnitrosamine-induced hepatocellular tumorigenesis in rats.. 2022 , 294, 120369	2
110	Contribution of vascular smooth muscle cell apoptosis to spiral artery remodeling in early human pregnancy.. 2022 , 120, 10-17	

109	Dietary Quercetin Supplementation Attenuates Diarrhea and Intestinal Damage by Regulating Gut Microbiota in Weanling Piglets.. 2021 , 2021, 6221012	3
108	Chromium (VI)-induced oxidative stress, apoptotic cell death and modulation of p53 tumor suppressor gene. 2001 , 222, 149-58	37
107	In vivo fluorescent TUNEL detection of single stranded DNA gaps and breaks induced by dnaB helicase mutants in Escherichia coli. 2022 ,	0
106	Comparisons of cell proliferation and cell death across life histories in the hemichordate Schizocardium californicum.	0
105	Renal Apoptosis in the Mycotoxicology of and Ochratoxin A in Rats.. 2022 , 12,	2
104	The tail domain of neurofilament light chain accumulates in neuronal nuclei during oxidative injury.	
103	Visualizing Cell Death in Live Retina: Using Calpain Activity Detection as a Biomarker for Retinal Degeneration.. 2022 , 23,	0
102	Involvement of autophagy in the maintenance of rat intervertebral disc homeostasis: an in-vitro and in-vivo RNA interference study of Atg5.. 2021 ,	2
101	RUNX3/H3K27me3 Co-Expression Defines a Better Prognosis in Surgically Resected Stage I and Postoperative Chemotherapy-Naive Non-Small-Cell Lung Cancer.. 2022 , 2022, 5752263	
100	ZIKV can infect human term placentas in the absence of maternal factors.. 2022 , 5, 243	0
99	Cross Talk proposal: Myonuclei are lost with ageing and atrophy.. 2022 ,	0
98	High-Sulfated Hyaluronic Acid Ameliorates Radiation-Induced Intestinal Damage Without Blood Anticoagulation.. 2022 , 7, 100900	1
97	Potassium bromate-induced oxidative stress, genotoxicity and cytotoxicity in the blood and liver cells of mice. 2022 , 878, 503481	
96	Utilization of DNA double-strand breaks for biodosimetry of ionizing radiation exposure. 2022 , 8, 100207	1
95	Visualizing cell death in live retina: Using calpain activity detection as a biomarker for retinal degeneration.	
94	Pharmacokinetics of Pullulan-Dexamethasone Conjugates in Retinal Drug Delivery.. 2021 , 14,	1
93	OUP accepted manuscript.	
92	Microwave for focal therapy of prostate cancer: Non-clinical study and exploratory clinical trial.. 2022 ,	1

91	Inducing and measuring apoptotic cell death in mouse pancreatic β -cells and in isolated islets. 2022 , 3, 101287		
90	Image_1.tif. 2020 ,		
89	Image_2.tif. 2020 ,		
88	Image_3.tif. 2020 ,		
87	Image_4.tif. 2020 ,		
86	Image_1.tif. 2019 ,		
85	Quantifying DNA damage on paper sensors via controlled template-independent DNA polymerization.		
84	Chidamide augment sorafenib-derived anti-tumor activities in human osteosarcoma cells lines and xenograft mouse model.. 2022 , 39, 87		
83	The Arf-GAP Proteins AoGcs1 and AoGts1 Regulate Mycelial Development, Endocytosis, and Pathogenicity in <i>Arthrotrrys oligospora</i> . 2022 , 8, 463		1
82	Retinal Neuroprotective Effect of Mesenchymal Stem Cells Secretome Through Modulation of Oxidative Stress, Autophagy, and Programmed Cell Death.. 2022 , 63, 27		0
81	Comprehensive Review on the Degradation Chemistry and Toxicity Studies of Functional Materials.. 2022 ,		4
80	Inhibition of p66Shc attenuates retinal ischemia-reperfusion injury-induced damage by activating the akt pathway.. 2022 , 109082		
79	Mice Expressing SV40 T Antigen Directed by the Intestinal Trefoil Factor Promoter Develop Tumors Resembling Human Small Cell Carcinoma of the Colon. <i>Molecular Cancer Research</i> , 2004 , 2, 504-513	6.6	12
78	Cyclooxygenase-2 Inhibitor Induces Apoptosis in Breast Cancer Cells in an In vivo Model of Spontaneous Metastatic Breast Cancer. <i>Molecular Cancer Research</i> , 2004 , 2, 632-642	6.6	99
77	Disposal of intestinal apoptotic epithelial cells and their fate via divergent routes. <i>Biomedical Research</i> , 2022 , 43, 59-72	1.5	1
76	Comparisons of cell proliferation and cell death from tornaria larva to juvenile worm in the hemichordate <i>Schizocardium californicum</i> . <i>EvoDevo</i> , 2022 , 13,	3.2	1
75	Programmed cell death detection methods: a systematic review and a categorical comparison. <i>Apoptosis: an International Journal on Programmed Cell Death</i> ,	5.4	1
74	Several routes of cell death to secondary necrosis in the elasmobranch testis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> ,	5.4	

73	A competitive advantage through fast dead matter elimination in confined cellular aggregates. <i>New Journal of Physics</i> ,	2.9	2
72	Variability of endogenous deoxyribonuclease activity and its pathophysiological consequences. <i>Molecular and Cellular Probes</i> , 2022 , 65, 101844	3.3	1
71	Effect of fluoride on bone and growth plate cartilage. 2021 , 39, 388-399		0
70	Postmortem Biochemistry as an Aid in Determining the Cause of Death. 2022 , 845-885		0
69	Valproic acid induced selective apoptosis of ocular fibrous tunic in mice fetuses.		0
68	Apoptosis Occurs in the Anterior Talofibular Ligament of Patients With Chronic Lateral Ankle Instability: An In Vitro Study. 2022 , Publish Ahead of Print,		0
67	Dietary ellagic acid supplementation attenuates intestinal damage and oxidative stress by regulating gut microbiota in weanling piglets. 2022 ,		0
66	Dose dependent intra-testicular accumulation of silver nanoparticles triggers morphometric changes in seminiferous tubules and Leydig cells and changes the structural integrity of spermatozoa chromatin. 2022 ,		1
65	Spontaneous neuronal regeneration in the forebrain of the leopard gecko (<i>Eublepharis macularius</i>) following neurochemical lesioning.		1
64	From fluorescent foci to sequence: Illuminating DNA double strand break repair by high-throughput sequencing technologies. 2022 , 118, 103388		0
63	Primary macrophages infected by human immunodeficiency virus trigger CD95-mediated apoptosis of uninfected astrocytes. 2000 , 68, 429-435		9
62	Quantitative evaluation of DNA double-strand breaks (DSBs) through single-molecule observation. 2022 ,		0
61	Fasudil, A ROCK Inhibitor, Preserves Limb Integrity in a Mouse Model of Unilateral Critical Limb Ischemia: Possible Interplay of Inflammatory and Angiogenic Signaling Pathways.		0
60	Chromatin organization and DNA damage. 2022 ,		0
59	Fibroblast growth factor receptor signaling in cardiomyocytes is protective in the acute phase following ischemia-reperfusion injury. 9,		0
58	Lacosamide decreases neonatal seizures without increasing apoptosis.		0
57	Fasudil, a ROCK inhibitor, preserves limb integrity in a mouse model of unilateral critical limb ischemia: Possible interplay of inflammatory and angiogenic signaling pathways. 2022 , 121019		0
56	Chuanzhitongluo regulates microglia polarization and inflammatory response in acute ischemic stroke. 2022 , 190, 97-104		0

55	The progression of doxorubicin-induced intestinal mucositis in rats.	0
54	Treponema denticola Induces Neuronal Apoptosis by Promoting Amyloid-β Accumulation in Mice. 2022, 11, 1150	0
53	Issues for patchy tissues: defining roles for gut-associated lymphoid tissue in neurodevelopment and disease.	0
52	Detection of apoptotic cells based on in situ hybridization chain reaction using specific hairpins.	0
51	Aoatg11 and Aoatg33 are indispensable for mitophagy, and contribute to conidiation, the stress response, and pathogenicity in the nematode-trapping fungus <i>Arthrobotrys oligospora</i> . 2022, 127252	1
50	Summary of volume 51: DNA damage and double-strand breaks. 2022,	0
49	DNA fragmentation and endonuclease activity under the effect of herbicides acetyl-CoA-carboxylase and acetolactat synthase inhibitors. 2022, 54, 404-418	0
48	The Cysteine Protease Giardipain-1 from <i>Giardia duodenalis</i> Contributes to a Disruption of Intestinal Homeostasis. 2022, 23, 13649	0
47	PBDEs disrupt homeostasis maintenance and regeneration of planarians due to DNA damage, proliferation and apoptosis anomaly. 2022, 248, 114287	0
46	Re-evaluation of mouse models of endometriosis for pathological and immunological research. 13,	0
45	SCN5A promotes the growth and lung metastasis of triple-negative breast cancer through EF2-kinase signaling. 2023, 313, 121282	0
44	The crosstalk between gut barrier impairment, mitochondrial dysfunction and microbiota alterations in people living with HIV.	0
43	Enzymatic Synthesis of DNA with an Expanded Genetic Alphabet Using Terminal Deoxynucleotidyl Transferase. 2022, 11, 4142-4155	0
42	Regulation of spermatogenic cell apoptosis by the pro-apoptotic proteins in the testicular tissues of mammalian and avian species. 2022, 247, 107158	0
41	A Novel Mechanism of CD4 Lymphocyte Depletion Involves Effects of HIV on Resting Lymphocytes: Induction of Lymph Node Homing and Apoptosis Upon Secondary Signaling Through Homing Receptors. 1999, 162, 268-276	7
40	Role of CD38 and Its Ligand in the Regulation of MHC-Nonrestricted Cytotoxic T Cells. 1998, 160, 1106-1115	9
39	Increased Apoptosis of T Cell Subsets in Aging Humans: Altered Expression of Fas (CD95), Fas Ligand, Bcl-2, and Bax. 1998, 160, 1627-1637	42
38	Fas/Fas Ligand Signaling During Gestational T Cell Development. 1998, 160, 3766-3775	4

37	Antigen Activation Rescues Recent Thymic Emigrants from Programmed Cell Death in the BB Rat. 1998 , 160, 5757-5764	17
36	Anti-CD40L Accelerates Renal Disease and Adenopathy in MRL-lpr Mice in Parallel with Decreased Thymocyte Apoptosis. 1998 , 161, 729-739	2
35	Pathogenic Mycobacterium tuberculosis Evades Apoptosis of Host Macrophages by Release of TNF-R2, Resulting in Inactivation of TNF- α . 1998 , 161, 2636-2641	60
34	Apoptosis of Epithelial Cells and Macrophages Due to Infection with the Obligate Intracellular Pathogen Chlamydia psittaci. 1998 , 161, 4220-4226	25
33	c-Fos Induces Apoptosis in Germinal Center B Cells. 1998 , 161, 3853-3861	10
32	The Fas/Fas Ligand System Is Involved in the Pathogenesis of Autoimmune Myocarditis in Rats. 1998 , 161, 4695-4701	12
31	Dengue Virus Infection of Human Endothelial Cells Leads to Chemokine Production, Complement Activation, and Apoptosis. 1998 , 161, 6338-6346	33
30	Central T Cell Tolerance in Lupus-Prone Mice: Influence of Autoimmune Background and the lpr Mutation. 1998 , 161, 6427-6432	4
29	IFN- γ Down-Regulates MHC Expression and Antigen Processing in a Human B Cell Line. 1999 , 162, 791-798	6
28	CD40 Activation Boosts T Cell Immunity In Vivo by Enhancing T Cell Clonal Expansion and Delaying Peripheral T Cell Deletion. 1999 , 162, 2024-2034	28
27	Lysophosphatidic Acid and Sphingosine 1-Phosphate Protection of T Cells from Apoptosis in Association with Suppression of Bax. 1999 , 162, 2049-2056	29
26	TNF Receptor p55 Plays a Pivotal Role in Murine Keratinocyte Apoptosis Induced by Ultraviolet B Irradiation. 1999 , 162, 1440-1447	12
25	A Tailless Fas-FADD Death-Effector Domain Chimera Is Sufficient to Execute Fas Function in T Cells But Not B Cells of MRL-lpr/lpr Mice. 1999 , 162, 2766-2774	1
24	A Critical Role for Antigen-Specific Th1 Cells in Acute Liver Injury in Mice. 1999 , 162, 6503-6509	7
23	Resistance of Crohn's Disease T Cells to Multiple Apoptotic Signals Is Associated with a Bcl-2/Bax Mucosal Imbalance. 1999 , 163, 1081-1090	30
22	Thymus-Derived Glucocorticoids Set the Thresholds for Thymocyte Selection by Inhibiting TCR-Mediated Thymocyte Activation. 1999 , 163, 1327-1333	20
21	TNF Receptor p55 Is Required for Elimination of Inflammatory Cells Following Control of Intracellular Pathogens. 1999 , 163, 3883-3889	6
20	Role of Macrophage Lysosomal Enzymes in the Degradation of Nucleosomes of Apoptotic Cells. 1999 , 163, 5346-5352	15

- 19 Reactive Oxygen Intermediates During Programmed Cell Death Induced in the Thymus of the Ts(1716)65Dn Mouse, a Murine Model for Human Down β Syndrome. **1999**, 163, 5399-5410 7
- 18 Granzyme B-Induced Loss of Mitochondrial Inner Membrane Potential (ψ) and Cytochrome c Release Are Caspase Independent. **1999**, 163, 4683-4693 19
- 17 circFLNA promotes intestinal injury during abdominal sepsis through Fas-mediated apoptosis pathway by sponging miR-766-3p. 0
- 16 Cytotoxic Activity of Herbal Medicines as Assessed in Vitro: A review. 0
- 15 In vitroSodium Fluoride Treatment Significantly Affects Apoptosis and Proliferation in the Liver of Embryonic Chickens. **2022**, 70, 163-175 0
- 14 Cellulose Acetate Phthalate-Based pH-Responsive Cyclosporine A-Loaded Contact Lens for the Treatment of Dry Eye. **2023**, 24, 2361 0
- 13 Experimental Methods for the Biological Evaluation of Nanoparticle-Based Drug Delivery Risks. **2023**, 15, 612 0
- 12 Engineered Bone Marrow Stem Cell-Sheets Alleviate Renal Damage in a Rat Chronic Glomerulonephritis Model. **2023**, 24, 3711 0
- 11 Comprehensive evaluation of mitochondrial redox profile, calcium dynamics, membrane integrity and apoptosis markers in a preclinical model of severe penetrating traumatic brain injury. **2023**, 198, 44-58 0
- 10 Transient hyperthermia during ex vivo lung perfusion has no protective effect in rat model. **2023**, 77, 101800 0
- 9 Induction of Apoptosis and Decrease of Autophagy in Colon Cancer Cells by an Extract of Lyophilized Mango Pulp. **2023**, 20, 4165 0
- 8 Perspectives of nanomaterials in microbial remediation of heavy metals and their environmental consequences: A review. 1-48 0
- 7 The Effect of Antioxidant Astaxanthin on Intestinal Ischemia Reperfusion Damage in Rats. 0
- 6 Regulated cell death pathways in kidney disease. **2023**, 19, 281-299 1
- 5 Mutation and apoptosis are well-coordinated for protecting against DNA damage-inducing toxicity in *Drosophila*. **2023**, 45, 0
- 4 Insights into Canine Infertility: Apoptosis in Chronic Asymptomatic Orchitis. **2023**, 24, 6083 0
- 3 The photoreceptor protective cGMP-analog Rp-8-Br-PET-cGMPS interacts with cGMP-interactors PKGI, PDE1, PDE6, and PKAI in the degenerating mouse retina. **2023**, 531, 935-951 0
- 2 Engineering fluorescent protein chromophores with an internal reference for high-fidelity ratiometric G4 imaging in living cells. 0

- 1 SARS-CoV-2 ORF3a expression in brain disrupts the autophagy-lysosomal pathway, impairs sphingolipid homeostasis, and drives neuropathogenesis. **2023**, 37, 0