# CITATION REPORT List of articles citing

Dramatic growth of mice that develop from eggs microinjected with metallothionein-growth hormone fusion genes

DOI: 10.1038/300611a0 Nature, 1982, 300, 611-5.

**Source:** https://exaly.com/paper-pdf/15852506/citation-report.pdf

Version: 2024-04-10

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
1168	Introduction: the use of transgenic mice in biomedical research. <i>Methods in Molecular Biology</i> , <b>2003</b> , 209, 1-8	1.4	2
1167	Transgene design. <i>Methods in Molecular Biology</i> , <b>2003</b> , 209, 51-67	1.4	O
1166	Molecular biology. Enhancers, chromosome position effects, and transgenic mice. <i>Nature</i> , <b>1983</b> , 306, 313-4	50.4	20
1165	Expression of a microinjected immunoglobulin gene in the spleen of transgenic mice. <i>Nature</i> , <b>1983</b> , 306, 332-6	50.4	195
1164	How do steroid hormones function to induce the transcription of specific genes?. <b>1983</b> , 3, 101-11		4
1163	Genetic manipulation in plant breeding: somatic versus generative. <b>1983</b> , 66, 179-201		26
1162	Transgenic mice: A new and powerful experimental tool in mammalian developmental genetics. <b>1983</b> , 4, 1-20		18
1161	Studies of foreign genes transmitted through the germ lines of transgenic mice. <b>1983</b> , 228, 313-24		13
1160	Expression vehicles used in recombinant DNA technology. <b>1983</b> , 1, 205-27		2
1159	Expression of the chicken transferrin gene in transgenic mice. <b>1983</b> , 34, 335-41		119
1158	Prenatal lethalities in mice homozygous for human growth hormone gene sequences integrated in the germ line. <b>1983</b> , 35, 647-55		145
1157	A foreign beta-globin gene in transgenic mice: integration at abnormal chromosomal positions and expression in inappropriate tissues. <b>1983</b> , 34, 343-58		250
1156	The cloned dopa decarboxylase gene is developmentally regulated when reintegrated into the Drosophila genome. <b>1983</b> , 34, 37-45		217
1155	Metallothionein-human GH fusion genes stimulate growth of mice. <b>1983</b> , 222, 809-14		625
1154	X chromosome-linked transmission and expression of retroviral genomes microinjected into mouse zygotes. <b>1983</b> , 221, 760-2		33
1153	External human fertilization: an evaluation of policy. <b>1983</b> , 222, 127-33		33
1152	Biochemie und Molekularbiologie 1982. <b>1983</b> , 31, 98-103		1

1151 Immunohistochemical approaches to the study of neuroendocrine and related neurones. 1983, 68, 435-47 7 Protein deposition in animals. 1983, 12, 172-178 1149 Gene Transfer Into Mammalian Cells and Embryos. 1984, Introduction of human gamma 1 immunoglobulin genes into fertilized mouse eggs. 1984, 96, 357-63 54 DNA binding properties of glucocorticosteroid receptors bound to the steroid antagonist RU-486.. 106 1147 13 EMBO Journal, 1984, 3, 751-755 1146 Transient expression of homologous genes in Drosophila cells. 1984, 224, 1004-6 31 The molecular genetics of human hemoglobin. 1984, 31, 315-462 318 Biotechnology as an intellectual property. 1984, 224, 357-63 21 Prospects for human gene therapy. 1984, 226, 401-9 474 1142 Gene Cloning. 1984, 8 Infectious and selectable retrovirus containing an inducible rat growth hormone minigene. 1984, 1141 105 225, 993-8 Some clinical implications of recombinant DNA technology with emphasis on prenatal diagnosis of 1140 hemoglobinopathies. 1984, 17, 112-9 Spontaneous mammary adenocarcinomas in transgenic mice that carry and express MTV/myc 829 1139 fusion genes. 1984, 38, 627-37 Genetic control theory of developmental events. 1984, 46, 785-825 Microinjection of simian adenovirus SA7 (C-8) DNA into the mouse zygotes: differential distribution 1137 of viral DNA in organs. 1984, 14, 267-76 Formation of germ-line chimaeras from embryo-derived teratocarcinoma cell lines. Nature, 1984, 1136 50.4 1230 309, 255-6 Partial correction of murine hereditary growth disorder by germ-line incorporation of a new gene. 1135 50.4 179 Nature, 1984, 311, 65-7 1134 Oncogenes in transgenic mice. Nature, 1984, 312, 503-4 50.4 9

1133	Contributions of mammalian embryo transfer to developmental genetics. <b>1984</b> , 18, 643-8	О
1132	Molecular genetics, recombinant DNA techniques, and genetic neurological disease. <b>1984</b> , 15, 511-20	102
1131	Application of recombinant DNA technologies to studies on chicken growth hormone. <b>1984</b> , 232, 465-73	94
1130	Gene therapy. <b>1984</b> , 59, 3-10	6
1129	Chromosomal transplantation. The nuclear transplantation of colchicine-treated cells. <b>1984</b> , 90, 211-21	1
1128	Developmental fate of a human insulin gene in a transgenic mouse. <b>1984</b> , 198, 128-38	11
1127	In vitro fertilization and potential reproductive strategies for rare animals. 1984, 3, 357-362	1
1126	The possibility of transgenic livestock. <b>1984</b> , 21, 29-44	17
1125	Scope of DNA cloning and chemical methods in development of chemotherapeutic agents. <b>1984</b> , 26, 163-89	1
1124	Embryo Transfer Technology for the Enhancement of Animal Reproduction. <b>1984</b> , 2, 149-160	8
1123	Secretory rhythm of growth hormone regulates sexual differentiation of mouse liver. <b>1984</b> , 36, 805-12	204
1122	Cloning and expression of a yeast copper metallothionein gene. <b>1984</b> , 27, 23-33	75
1121	Tissue-specific expression of the rat pancreatic elastase I gene in transgenic mice. <b>1984</b> , 38, 639-46	227
<b>112</b> 0	Transmission distortion and mosaicism in an unusual transgenic mouse pedigree. <b>1984</b> , 36, 869-77	151
1119	Introduction of purified genes into mammalian cells. <b>1984</b> , 16, 349-79	50
1118	Transcriptionally active chromatin. <b>1984</b> , 782, 343-93	306
1117	Transgenic mice containing growth hormone fusion genes. <b>1984</b> , 307, 309-12	7
1116	Gene transfer into the germ line of mice and into embryonal carcinoma stem cells. <b>1984</b> , 307, 313-7	1

1115	Inducibility of metallothionein throughout the cell cycle. <i>Molecular and Cellular Biology</i> , <b>1984</b> , 4, 2243-5 4.8	5	
1114	Introduction of a selectable gene into different animal tissue by a retrovirus recombinant vector. <b>1984</b> , 81, 7151-5	74	
1113	Trypanotolerant livestock: potential and future exploitation. <b>1984</b> , 13, 43-51	12	
1112	Direct transfection of viral and plasmid DNA into the liver or spleen of mice. <b>1984</b> , 81, 7529-33	93	
1111	Copper metallothionein of yeast, structure of the gene, and regulation of expression. <b>1984</b> , 81, 3332-6	24	7
1110	Gene expression in the brain and the control of blood pressure. <b>1984</b> , 6, 3-10		
1109	An appraisal of the application of recombinant DNA techniques to chromosome defects. <b>1985</b> , 226, 1-11	7	
1108	Some Current and Future Developments in Biology Using Recombinant DNA Technology. <b>1985</b> , 17, 84-93	1	
1107	Differentiation, not determination, regulates muscle gene activation: transfection of troponin I genes into multipotential and muscle lineages of 10T1/2 cells. <i>Molecular and Cellular Biology</i> , <b>1985</b> , 5, 2423-32	87	
1106	Analysis of a transgenic mouse containing simian virus 40 and v-myc sequences. <i>Molecular and Cellular Biology</i> , <b>1985</b> , 5, 642-8	52	
1105	Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs. <b>1985</b> , 82, 4438-42	88	2
1104	Developmental control of transduced dopa decarboxylase genes in D. melanogaster. <b>1985</b> , 198, 393-403	31	
1103	[Current status of biotechnology in animal breeding]. <b>1985</b> , 72, 592-8		
1102	A possible technique for isolating genic DNA for quantitative traits in plants. <b>1985</b> , 117, 1-10	14	1
1101	Novel gene transfer into the fertilized eggs of gold fish (Carassius auratus L. 1758). <b>1985</b> , 1, 31-34	17	5
1100	Tissue-specific expression of rat myosin light-chain 2 gene in transgenic mice. <i>Nature</i> , <b>1985</b> , 314, 283-6 50	4 99	
1099	Heritable formation of pancreatic beta-cell tumours in transgenic mice expressing recombinant insulin/simian virus 40 oncogenes. <i>Nature</i> , <b>1985</b> , 315, 115-22	4 12	14
1098	Expression of human growth hormone-releasing factor in transgenic mice results in increased somatic growth. <i>Nature</i> , <b>1985</b> , 315, 413-6	4 22	6

1097	Transgenic animals: New advances in the field. <i>Nature</i> , <b>1985</b> , 315, 628-629	50.4	11
1096	Production of transgenic rabbits, sheep and pigs by microinjection. <i>Nature</i> , <b>1985</b> , 315, 680-3	50.4	836
1095	Correcting an immune-response deficiency by creating E alpha gene transgenic mice. <i>Nature</i> , <b>1985</b> , 316, 38-42	50.4	167
1094	Peripheral neuropathies, hepatocellular carcinomas and islet cell adenomas in transgenic mice. <i>Nature</i> , <b>1985</b> , 316, 461-3	50.4	132
1093	Insertion of DNA sequences into the human chromosomal beta-globin locus by homologous recombination. <i>Nature</i> , <b>1985</b> , 317, 230-4	50.4	846
1092	Novel developmental specificity in the nervous system of transgenic animals expressing growth hormone fusion genes. <i>Nature</i> , <b>1985</b> , 317, 363-6	50.4	118
1091	African trypanosomiasis in cattle: working with nature's solution. <b>1985</b> , 18, 167-82		14
1090	International Commission for Protection Against Environmental Mutagens and Carcinogens. ICPEMC Publication No. 11. The use of recombinant DNA technology to study gene alteration. <b>1985</b> , 153, 13-55		12
1089	Production of transgenic mice, rabbits and pigs by microinjection into pronuclei. <b>1985</b> , 20, 251-252		120
1088	Introduction of mouse C epsilon genes into Cos-7 cells and fertilized mouse eggs. <b>1985</b> , 97, 333-9		7
1087	Expression of foreign genes from retroviral vectors in mouse teratocarcinoma chimaeras <i>EMBO Journal</i> , <b>1985</b> , 4, 3701-3709	13	45
1086	Recombinant DNApotential for gene therapy. <b>1985</b> , 289, 98-105		2
1085	Specific expression of hepatitis B surface antigen (HBsAg) in transgenic mice. <b>1985</b> , 230, 1160-3		146
1084	A transgenic mouse model of the chronic hepatitis B surface antigen carrier state. <b>1985</b> , 230, 1157-60		248
1083	Use of avian retroviral-bovine growth hormone DNA recombinants to direct expression of biologically active growth hormone by cultured fibroblasts. <b>1985</b> , 4, 23-31		22
1082	In vitro maturation of bovine cumulus enclosed primary oocytes and their subsequent in vitro fertilization and cleavage. <b>1985</b> , 68, 1456-62		31
1081	Tissue-specific posttranslational processing of pre-prosomatostatin encoded by a metallothionein-somatostatin fusion gene in transgenic mice. <b>1985</b> , 41, 211-9		106
1080	Biotechnology and the rumen: A mini review. <b>1985</b> , 36, 1039-1046		21

1079 NUCLEOCYTOPLASMIC INTERACTIONS IN OOCYTES AND EGGS. <b>1985</b> , 73-287	1
1078 DNA-mediated genetic transformation of mouse embryos and bone marrowa review. <b>1985</b> , 33, 121-36	89
1077 Genetic aspects of in vitro fertilization. <b>1985</b> , 442, 466-75	4
Perspectives for gene therapy: inserting new genetic information into mammalian cells by physical techniques and viral vectors. <b>1985</b> , 29, 69-92	18
1075 Tracing the cellular expression of neuromodulatory genes. <b>1985</b> , 8, 327-331	15
1074 Embryo Research. <b>1985</b> , 325, 255-256	
1073 Knowledge for animal breeding. <b>1985</b> , 310, 243-257	7
1072 Genetic Manipulation of the Domestic Fowl Review. 1985, 41, 124-132	13
Developmental regulation of alpha-fetoprotein genes in transgenic mice. <i>Molecular and Cellular Biology</i> , <b>1985</b> , 5, 1639-48	153
Generation of transgenic mice producing a human transthyretin variant: a possible mouse model for familial amyloidotic polyneuropathy. <b>1986</b> , 139, 794-9	24
1069 Tissue-specific expression of pancreatic genes in transgenic mice. <b>1986</b> , 478, 131-46	14
Interrelationships between recent developments in molecular genetics and cytogenetics and animal breeding. <b>1986</b> , 69, 1743-51	1
1067 Germ-line transformation of mice. <b>1986</b> , 20, 465-99	1100
1066 Metallothionein. <b>1986</b> , 55, 913-51	1698
1065 MOLECULAR BIOLOGY OF THE EARLY MOUSE EMBRYO. <b>1986</b> , 171, 291-309	10
Regulated expression of human A gamma-, beta-, and hybrid gamma beta-globin genes in transgenic mice: manipulation of the developmental expression patterns. <b>1986</b> , 46, 89-94	272
1063 Metal-Binding Proteins as Metal Pollution Indicators. <b>1986</b> , 65, 175	2
1062 Immunological approaches to the control of animal trypanosomiasis. <b>1986</b> , 2, 168-73	17

1061	Methods and achievements of genetic engineering: Prospects in agriculture. A review. <b>1986</b> , 15, 109-131	2
1060	Studies on the expression of an H-2K/human growth hormone fusion gene in giant transgenic mice <i>EMBO Journal</i> , <b>1986</b> , 5, 1877-1883	50
1059	New frontiers in genetic medicine. <b>1986</b> , 104, 527-39	5
1058	Metal-binding proteins as metal pollution indicators. <b>1986</b> , 65, 175-87	24
1057	GROWTH HORMONE AND GROWTH IN MEAT PRODUCING ANIMALS. <b>1986</b> , 135-159	18
1056	Versuche mit dem zukliftigen Menschen Gentechnologie. <b>1986,</b> 133-149	
1055	Effect of bovine growth hormone administration on metabolism of growing Hereford heifers: dietary digestibility, energy and nitrogen balance. <b>1986</b> , 116, 157-63	57
1054	Biochemie und Molekularbiologie 1985. <b>1986</b> , 34, 143-160	
1053	Pancreatic expression of human insulin gene in transgenic mice. <b>1986</b> , 83, 2511-5	72
1052	Genetic basis for familial amyloidotic polyneuropathy. <b>1986</b> , 4, 208-12	4
1051	Transgenic mice: 'new wave' immunogenetics. <b>1986</b> , 7, 138-41	7
1050	Rearrangements of microinjected recombinant DNA in the genome of transgenic mice. <b>1986</b> , 203, 305-11	5
1049	Stimulation and inhibition of growth of mice bearing the human growth hormone gene. <b>1986</b> , 102, 1265-1269	
1048	Inducible cellular transformation by a metallothionein-ras hybrid oncogene leads to natural killer cell susceptibility. <i>Nature</i> , <b>1986</b> , 321, 782-4	64
1047	Direct alteration of a gene in the human genome. <b>1986</b> , 9 Suppl 1, 92-7	4
1046	The integrated development and application of controlled reproduction techniques in Pacific salmonid aquaculture. <b>1986</b> , 2, 9-24	39
1045	Perspectives for Molecular Genetics Research and Application in Poultry. <b>1986</b> , 65, 1489-1496	6
1044	Genes encoding mammalian neuroendocrine peptides: strategies toward their identification and analysis. <b>1986</b> , 48, 431-46	12

1043 Effect of growth hormone-secreting tumours on skeletal muscle cellularity in the rat. <b>1986</b> , 111, 279-85	19
Gonadotroph-specific expression of metallothionein fusion genes in pituitaries of transgenic mice. 1986, 231, 1002-4	48
1041 A Test of the Principle of Allocation Using Two Sympatric Species of Cockroaches. <b>1986</b> , 67, 616-628	11
Design of retroviral vectors for the insertion of foreign deoxyribonucleic acid sequences into the avian germ line. <b>1986</b> , 65, 1459-67	24
1039 Inequality in function of the right and left ovaries and uterine horns of the mouse. <b>1987</b> , 79, 125-34	30
1038 The molecular genetics of nervous system tumors. <b>1987</b> , 67, 1-16	22
1037 Promoter efficiency depends upon intragenic sequences. <b>1987</b> , 15, 7795-807	8
Transgenic mouse model: a new approach for the investigation of endocrine pancreatic B-cell growth. <b>1987</b> , 28 Suppl, 121-9	15
Developmental Biology and Human Concerns. <b>1987</b> , 27, 697-714	3
1034 Endocrine manipulation of animal growth. <b>1987</b> , 115, 365-7	3
1033 Metabolic control and future opportunities for growth regulation. <b>1987</b> , 45, 149-169	15
1032 Breeding for disease resistancethe prospective role of genetic manipulation. <b>1987</b> , 16, 353-65	3
1031 Biotechnology and production-related hormones. <b>1987</b> , 46, 393-405	2
1030 Transgenic poultry: theory and practice. <b>1987</b> , 43, 180-189	16
1029 Can molecular and cell biology offer a cure for diabetes?. <b>1987</b> , 4, 9-12	4
1028 Neurogenetics and Behavior Related to Higher Brain Functions. <b>1987</b> , 109-135	
1027 Gene transfer into mice. <b>1987</b> , 24, 285-322	15
1026 Targeted expression of cloned genes in transgenic mice. <b>1987</b> , 71, 3-12	

1025	Direct gene transfer into human cultured cells facilitated by laser micropuncture of the cell membrane. <b>1987</b> , 84, 4180-4	12	<u>.</u> 6
1024	Promoter and enhancer elements from the rat elastase I gene function independently of each other and of heterologous enhancers. <i>Molecular and Cellular Biology</i> , <b>1987</b> , 7, 3466-72	31	
1023	A comparison of bovine growth hormone expression directed by bGH genomic or intronless DNA in transiently transfected eukaryotic cells. <b>1987</b> , 57, 47-52	15	;
1022	The isolation and characterisation of the ovine growth hormone gene. <b>1987</b> , 40, 459-68	27	,
1021	Introduction of Novel Genes into Fish. <b>1987</b> , 5, 257-261	73	,
1020	Gene transfer and animal breeding. <b>1987</b> , 27, 169-179	16	
1019	Genetic engineering in farm animals: The lessons from the genetic mouse model. <b>1987</b> , 27, 181-200	8	
1018	Genetics and trypanotolerance. <b>1987</b> , 3, 137-43	27	,
1017	Explanted embryo culture: In vitro and in ovo techniques for domestic fowl. 1987, 28, 91-101	56	<u>,</u>
1016	Comparative aspects of embryo manipulation in mammals. <b>1987</b> , 67-96	1	
1015	Integration and expression of genes introduced into mouse embryos. 1987, 509-550	6	
1014	Ultrastructure of muscle satellite cells in hypersomatotropic rats. <b>1987</b> , 128, 67-70	5	
1013	Role of growth hormone in regulating T-dependent immune events in aged, nude, and transgenic rodents. <b>1987</b> , 18, 108-16	10	)2
1012	Gezielte Nutzung biologischer Systeme. <b>1987</b> , 59, 27-34		
1011	Expression of the pancreatic elastase I gene in transgenic mice. <b>1987</b> , 7, 42S-51S	9	
1010	Genetic engineering in agriculture: animal genetics and development. <b>1987</b> , 3, 65-68	18	3
1009	Veterinary Genetics. <b>1987</b> , 3, 362		
1008	Genetics for the animal sciences. <b>1987</b> , 3, 362		

1007	Embryo manipulation and gene transfer in domestic animals. <b>1987</b> , 5, 13-19	14
1006	Genetic transformation of chickens using irradiated male gametes. <b>1987</b> , 58 ( Pt 1), 25-30	14
1005	Infertility in transgenic female mice with human growth hormone expression: evidence for luteal failure. <b>1988</b> , 248, 121-4	64
1004	Transformation as a method of increasing gene copy number and gene expression in the basidiomycete fungus Coprinus cinereus. <b>1988</b> , 14, 451-6	29
1003	Gene Transfer into Sheep. <b>1988</b> , 6, 179-183	61
1002	Expression of foreign genes in Mammalian cells. <i>Methods in Molecular Biology</i> , <b>1988</b> , 4, 371-84 1.4	1
1001	The expression of a foreign gene in salmon embryos. <b>1988</b> , 68, 27-37	42
1000	Gene transfer in tilapia (Oreochromis niloticus). <b>1988</b> , 68, 209-219	74
999	DNA-mediated transfection as a model for oncogenesis. <b>1988</b> , 66, 594-616	4
998	Transcription elements and factors of RNA polymerase B promoters of higher eukaryotes. <b>1988</b> , 23, 77-120	77
997	Prolactin and growth hormone. 1988, 2, 797-834	5
996	Neuronal expression of chimeric genes in transgenic mice. <b>1988</b> , 1, 311-20	64
995	New Developments in Biosciences: Their Implications for Laboratory Animal Science. 1988,	1
004	DNA-Level Polymorphism as a Tool in Fisheries Science. <b>1988</b> , 45, 1075-1087	65
994	5.0. Level 6.9.1.6.p	- )
994	The Use of Transgenic Animal Techniques for Livestock Improvement. <b>1988</b> , 221-246	4
993	The Use of Transgenic Animal Techniques for Livestock Improvement. <b>1988</b> , 221-246  Overexpression of low density lipoprotein (LDL) receptor eliminates LDL from plasma in transgenic	4

989	Growth hormone-deficient dwarfism in the rat: a new mutation. <b>1988</b> , 119, 51-8	221
988	Molecular aspects, physiological function, and clinical significance of metallothioneins. <b>1988</b> , 27, 41-85	73
987	Molecular approaches to dysmorphology. <b>1988</b> , 25, 473-9	3
986	Expression of the human growth hormone variant gene in cultured fibroblasts and transgenic mice. <b>1988</b> , 85, 8241-5	41
985	Identification of a variant growth hormone haplotype in mice selected for high body weight. <b>1988</b> , 52, 7-15	12
984	The Role of Molecular Mutation in Recurrent Euploidic Abortion. <b>1988</b> , 6, 155-161	4
983	Meiotic expression of human ornithine transcarbamylase in the testes of transgenic mice. <i>Molecular and Cellular Biology</i> , <b>1988</b> , 8, 1821-5	9
982	Chapter 13 Mechanism of action of growth hormone. <b>1988</b> , 265-294	4
981	Production of transgenic pigs and possible application to pig breeding. <b>1988</b> , 12, 15-31	1
980	Gene transfer in animal production. <b>1988</b> , 12, 1-14	1
979	The application of gene technology to the improvement of fish. <b>1988</b> , 12, 58-70	
978	Cellular growth - the key to animal growth. <b>1988</b> , 12, 182-188	1
977	Embryonic growth and the manipulation of fetal size. <b>1989</b> , 1-10	
976	Gene Transfer Through Embryo Microinjection. <b>1989</b> , 233-250	1
975	Splice of life: toward understanding genetic determinants of oral diseases. <b>1989</b> , 3, 42-57	5
974	Transgenic animals. <b>1989</b> , 115, 171-229	64
973	Embryo manipulation in cattle breeding and production. <b>1989</b> , 48, 3-30	43
972	Vascular remodeling in the growth hormone transgenic mouse. <b>1989</b> , 65, 1233-40	49

971	Cardiovascular molecular biology. Introduction to the series. <b>1989</b> , 80, 219-33	31
970	Expression of human or bovine growth hormone gene with a mouse metallothionein-1 promoter in transgenic swine alters the secretion of porcine growth hormone and insulin-like growth factor-I. 1989, 120, 481-8	33
969	The Incorporation of Biotechnologies into Animal Breeding Strategies. 1989, 203-231	3
968	Glucocorticoid regulation of human growth hormone expression in transgenic mice and transiently transfected cells. <b>1989</b> , 122, 49-60	39
967	Mouse growth-hormone-releasing hormone: precursor structure and expression in brain and placenta. <b>1989</b> , 3, 1693-700	79
966	Transgenic mice as probes into complex systems. <b>1989</b> , 246, 1265-75	341
965	Production of transgenic sheep with growth-regulating genes. <b>1989</b> , 1, 164-9	65
964	Restriction fragment length variations and chromosome mapping of two mouse metallothionein genes, Mt-1 and Mt-2. <b>1989</b> , 27, 689-97	12
963	Novel restriction fragment length polymorphism of the growth hormone gene in inbred rats. <b>1989</b> , 27, 591-602	4
962	Molecular biology in psychiatric research: Alzheimer's disease as a paradigm. <b>1989</b> , 59, 294-302	2
961	The somatomedin-insulin-like growth factors. <b>1989</b> , 225, 47-54	30
960	Tissue- and developmental stage-specific expression of the rat ornithine carbamoyltransferase gene in transgenic mice. <b>1989</b> , 10, 393-401	14
959	Transgenic fish: present status and future directions. <b>1989</b> , 7, 409-13	21
958	Restriction fragment length variations and chromosome mapping of two mouse metallothionein genes,Mt-1 andMt-2. <b>1989</b> , 27, 689-697	9
957	Transgenic mice as future tools in risk assessment. <b>1989</b> , 9, 157-68	17
956	Induction of self-tolerance in mature peripheral B lymphocytes. <i>Nature</i> , <b>1989</b> , 342, 385-91 50.4	441
955	Uncertainties about 'painless' animals. <b>1989</b> , 3, 226-35	8
954	Activation of the mouse metallothionein-I promoter in transiently transfected avian cells. <b>1989</b> , 76, 75-80	11

953	Animal biotechnology. <b>1989</b> , 324, 563-74; discussion 575		1
952	Genetic Manipulation: Generative Versus Somatic. <b>1989</b> , 26-53		2
951	Genetic engineering and animal welfare. <b>1989</b> , 22, 105-13		11
950	Genetic engineering of livestock. <b>1989</b> , 244, 1281-8		321
949	Integration and germ line transmission of foreign genes microinjected into fertilized trout eggs. <b>1989</b> , 71, 857-63		58
948	Isolation and characterization of cadmium-resistant mutants of Neurospora crassa. <b>1989</b> , 35, 359-65		12
947	The new genetics: molecular technology and reproductive biology. 1989, 51, 375-86		2
946	Vasopressin RNA in the neural lobe of the pituitary: dramatic accumulation in response to salt loading. <b>1989</b> , 86, 9002-5		76
945	Thymidine kinase obliteration: creation of transgenic mice with controlled immune deficiency. <b>1989</b> , 86, 2698-702		158
944	Regulation of expression of a sheep metallothionein 1a-sheep growth hormone fusion gene in transgenic mice. <i>Molecular and Cellular Biology</i> , <b>1989</b> , 9, 5473-9	4.8	52
944		4.8	52 56
	Production of transgenic merino sheep by microinjection of ovine metallothionein-ovine growth	4.8	
943	Production of transgenic merino sheep by microinjection of ovine metallothionein-ovine growth hormone fusion genes. <b>1989</b> , 1, 147-55	4.8	56
943	Production of transgenic merino sheep by microinjection of ovine metallothionein-ovine growth hormone fusion genes. <b>1989</b> , 1, 147-55  The specific pathogen-free human: a new frontier in oral infectious disease research. <b>1989</b> , 3, 58-68  Recent developments in trace element metabolism and function: role of metallothionein in copper	4.8	56 15
943 942 941	Production of transgenic merino sheep by microinjection of ovine metallothionein-ovine growth hormone fusion genes. 1989, 1, 147-55  The specific pathogen-free human: a new frontier in oral infectious disease research. 1989, 3, 58-68  Recent developments in trace element metabolism and function: role of metallothionein in copper and zinc metabolism. 1989, 119, 1062-70  Generation of transgenic mice with elevated blood pressure by introduction of the rat renin and	4.8	56 15 72
943 942 941 940	Production of transgenic merino sheep by microinjection of ovine metallothionein-ovine growth hormone fusion genes. 1989, 1, 147-55  The specific pathogen-free human: a new frontier in oral infectious disease research. 1989, 3, 58-68  Recent developments in trace element metabolism and function: role of metallothionein in copper and zinc metabolism. 1989, 119, 1062-70  Generation of transgenic mice with elevated blood pressure by introduction of the rat renin and angiotensinogen genes. 1990, 87, 5153-7	4.8	56 15 72 126
<ul><li>943</li><li>942</li><li>941</li><li>940</li><li>939</li></ul>	Production of transgenic merino sheep by microinjection of ovine metallothionein-ovine growth hormone fusion genes. 1989, 1, 147-55  The specific pathogen-free human: a new frontier in oral infectious disease research. 1989, 3, 58-68  Recent developments in trace element metabolism and function: role of metallothionein in copper and zinc metabolism. 1989, 119, 1062-70  Generation of transgenic mice with elevated blood pressure by introduction of the rat renin and angiotensinogen genes. 1990, 87, 5153-7  Relative growth of the skull and postcranium in giant transgenic mice. 1990, 56, 21-34	4.8	56 15 72 126 38

#### (1990-1990)

935	High-level expression of biologically active human alpha 1-antitrypsin in the milk of transgenic mice. <b>1990</b> , 87, 5178-82	159
934	Neuroendocrine function in transgenic male mice with human growth hormone expression. <b>1990</b> , 52, 106-11	17
933	The new genetics. <b>1990</b> , 19, 122-8	4
932	A molecular biological approach to reducing dietary amino acid needs. <b>1990</b> , 8, 629-33	16
931	Development of expression vectors for transgenic fish. <b>1990</b> , 8, 1268-72	49
930	Molecular biology of the insulin-like growth factors. Relevance to nervous system function. <b>1990</b> , 4, 93-127	38
929	Frontiers in mammalian cell culture. <b>1990</b> , 26, 9-23	43
928	Gene transfer, expression and inheritance of pRSV-rainbow trout-GH cDNA in the common carp, Cyprinus carpio (Linnaeus). <b>1990</b> , 25, 3-13	113
927	Transgenic offspring by transcaryotic implantation of transgenic ovaries into normal mice. <b>1990</b> , 25, 42-4	10
926	Heterologous protein expression by transimmortalized differentiated liver cell lines derived from transgenic mice (hepatomas/alpha 1 antitrypsin/ONC mouse). <b>1990</b> , 18, 191-8	23
925	Transgenic fish. <b>1990</b> , 8, 209-15	70
924	Reporter genes: application to the study of mammalian gene transcription. <b>1990</b> , 188, 245-54	436
923	Studies on the thyroid in transgenic mice expressing the genes for human and bovine growth hormone. <b>1990</b> , 46, 1043-6	6
922	Effects of transgenes for human and bovine growth hormones on age-related changes in ovarian morphology in mice. <b>1990</b> , 227, 175-86	29
921	Micromanipulation of embryos and germ cells: an approach to gene therapy?. <b>1990</b> , 35, 206-14	15
920	Analysis of Human Enamel Genes: Insights into Genetic Disorders of Enamel. <b>1990</b> , 27, 121-130	10
919	Le nuove frontiere della Genetica Umana: rischi e speranze. <b>1990</b> , 3, 13-19	
918	A scientific examination of some speculations about continuing human pre-embryo research. <b>1990</b> , 26-34	

917	Differential expression of jun and fos genes during differentiation of mouse P19 embryonal carcinoma cells. <b>1990</b> , 18, 3195-202	64
916	Tissue-specific expression and methylation of a thyroglobulin-chloramphenicol acetyltransferase fusion gene in transgenic mice. <b>1990</b> , 87, 6176-80	37
915	Integration of transgenic fish into aquaculture. <b>1990</b> , 6, 373-388	7
914	Direct sequencing of PCR-amplified junction fragments from tandemly repeated transgenes. <b>1990</b> , 18, 6089-95	30
913	Metallothionein and other cadmium-binding proteins: recent developments. 1990, 3, 281-8	179
912	Conservation, Creation, and Utilization of Genetic Variation. <b>1990</b> , 73, 2593-2600	1
911	Coalescence of Molecular and Quantitative Genetics for Livestock Improvement. <b>1990</b> , 73, 2619-2627	8
910	The Current Status of Genetic Engineering in Domestic Animals. <b>1990</b> , 73, 2586-2592	6
909	Transgenic farm animals. <b>1990</b> , 16, 155-70	10
908	Expression of the growth hormone-binding protein messenger RNA in the liver and extrahepatic tissues in the rat: co-expression with the growth hormone receptor. <b>1990</b> , 73, R1-6	50
907	The application of gene manipulation to aquaculture. <b>1990</b> , 85, 1-20	65
906	Transfer of the gene for neomycin resistance into goldfish, Carassius auratus. <b>1990</b> , 85, 21-33	34
905	Factors affecting survival and integration following microinjection of novel DNA into rainbow trout eggs. <b>1990</b> , 85, 35-50	45
904	Overexpression of TGF alpha in transgenic mice: induction of epithelial hyperplasia, pancreatic metaplasia, and carcinoma of the breast. <b>1990</b> , 61, 1121-35	672
903	Transgenic Fish and Public Policy: Anticipating Environmental Impacts of Transgenic Fish. <b>1990</b> , 15, 2-11	65
902	Introduction of genes into the mouse germ line. <b>1990</b> , 366, 45-56	
901	Characterization of transgenic livestock production. <b>1990</b> , 7, 1-18	14
900	Accelerated growth and visceral lesions in transgenic mice expressing foreign genes of the growth hormone family: an overview. <b>1991</b> , 5, 513-21	70

899	Growth and differentiation. <b>1991</b> , 5, 671-87	1
898	Role of mesangial cells in glomerulosclerosis. <b>1991</b> , 5, 60-1	1
897	Management of Reproduction in Farm Animals: Present and Future. <b>1991</b> , 5, 3-12	1
896	High level expression of active human alpha-1-antitrypsin in the milk of transgenic sheep. <b>1991</b> , 9, 830-4	199
895	The effect of apo E secretion on lipoprotein uptake in transfected cells. 1991, 1086, 245-54	17
894	Hepatic and renal expression of rat apolipoprotein E under control of the metallothionein promoter in transgenic mice. <b>1991</b> , 1090, 91-4	17
893	Physiological and metabolic implications of conventional and novel methods for the manipulation of growth and production. <b>1991</b> , 27, 43-59	19
892	Exogenous and endogenous effects of growth hormone in animals. <b>1991</b> , 27, 61-75	15
891	The use of transgenic animals to study the role of growth factors in endocrinology. <b>1991</b> , 5, 833-45	3
890	The genetic control and germ cell kinetics of the female and male germ line in mammals including man. <b>1991</b> , 6, 1416-25	29
889	High-frequency germ-line transmission of plasmid DNA sequences injected into fertilized zebrafish eggs. <b>1991</b> , 88, 7953-7	164
888	Antisense inhibition of beta-glucuronidase expression in preimplantation mouse embryos: a comparison of transgenes and oligodeoxynucleotides. <b>1991</b> , 1, 1-10	11
887	Expression of human growth hormone in the milk of transgenic mice. <b>1991</b> , 2, 15-29	31
886	Patterns of transgene inheritance in rainbow trout (Oncorhynchus mykiss). <b>1991</b> , 30, 201-6	29
885	The proof of the cloning is in the eating. <b>1991</b> , 9, 5-7	1
884	Untersuchungen Ber in-vitro-Entwicklung und Transfer von Müsezygoten nach MT-hGH-Gen-Mikroinjektion. <b>1991</b> , 108, 161-166	
883	Genetic Engineering Approaches to Pig Production*. <b>1991</b> , 26, 14-21	4
882	Induction of mammary adenocarcinomas in metallothionein promoter-human growth hormone transgenic mice. <b>1991</b> , 49, 114-7	45

881	Ultrastructure of spontaneous and transplanted pituitary tumors in laboratory animals. <b>1991</b> , 19, 64-79	3
880	Transgenic regulation in laboratory animals. <b>1991</b> , 47, 866-77	21
879	The genetic engineering of production traits in domestic animals. <b>1991</b> , 47, 913-22	30
878	The application of transgenic techniques for the improvement of domestic animal productivity. <b>1991</b> , 2, 834-9	1
877	Decreased frequency of the rat growth hormone transgene in mouse populations with or without selection for increased adult body weight. <b>1991</b> , 81, 327-32	17
876	Functional antagonism between endogenous mouse growth hormone (GH) and a GH analog results in dwarf transgenic mice. <b>1991</b> , 129, 1402-8	133
875	IMPACT OF BIOTECHNOLOGY ON BREEDING FOR MEAT PRODUCTION. 1991, 17-30	2
874	Biotechnology and animal welfare. <b>1991</b> , 145-157	2
873	Abrogation of dominant glucose intolerance in SJL mice by a growth hormone transgene. <b>1991</b> , 6, 129-35	
872	Precocious mammary gland development and milk protein synthesis in transgenic mice ubiquitously expressing human growth hormone. <b>1991</b> , 128, 539-46	45
871	Effect of immunoneutralization of neuropeptide Y on gonadotropin and prolactin secretion in normal mice and in transgenic mice bearing bovine growth hormone gene. <b>1991</b> , 129, 597-602	14
870	Mosaic expression of a tyrosinase fusion gene in albino mice yields a heritable striped coat color pattern in transgenic homozygotes. <b>1991</b> , 88, 9643-7	51
869	Elevation of growth hormone (GH) and prolactin receptors in transgenic mice expressing ovine GH. <b>1991</b> , 128, 1238-46	31
868	Genetic research in embryology. <b>1992</b> , 7 Suppl 1, 25-9	1
867	Capacitation and its sequelae. <b>1992</b> , 4, 459-66	2
866	Neuroendocrine function in adult female transgenic mice expressing the human growth hormone gene. <b>1992</b> , 130, 1802-8	29
865	Gene transfer in fish: Potential and practice. <b>1992</b> , 3, 221-243	5
864	Transgenic animals as bioproducers of therapeutic proteins. <b>1992</b> , 24, 273-80	35

863	Molecular biology in nutrition. <b>1992</b> , 7, 5-15	3
862	Effect of increased production of growth hormone on body composition in mice: transgenic versus control. <b>1992</b> , 132, 285-91	20
861	Integration, Expression and Inheritance of Foreign Fish Growth Hormone Gene in Transgenic Fish. <b>1992</b> , 164-175	3
860	Cell-specific expression of a Clara cell secretory protein-human growth hormone gene in the bronchiolar epithelium of transgenic mice. <b>1992</b> , 89, 9079-83	47
859	Transgenic technology in animal agriculture. <b>1992</b> , 3, 1-13	22
858	Association of (3H) DNA with fowl spermatozoa and their in vitro fertilisation of hamster ova. <b>1992</b> , 33, 879-82	2
857	Neuropeptide gene expression in transgenic animals. <b>1992</b> , 92, 77-96	4
856	Osteoblast-specific expression of growth hormone stimulates bone growth in transgenic mice.  Molecular and Cellular Biology, 1992, 12, 5541-7  4.8	55
855	Breeding and transgenesis as means of decreasing adiposity in farm animal species: practice and promise. <b>1992</b> , 51, 441-6	1
854	Tissue-specific, developmental, hormonal, and dietary regulation of rat phosphoenolpyruvate carboxykinase-human growth hormone fusion genes in transgenic mice. <i>Molecular and Cellular</i> 4.8 <i>Biology</i> , <b>1992</b> , 12, 1007-20	105
853	Transgenic approaches to modifying cell and tissue function. <b>1992</b> , 4, 274-9	10
852	A role for transgenic animals in food production?. <b>1992</b> , 3, 294-302	6
851	Molecular analysis and growth evaluation of northern pike (Esox Iucius) microinjected with growth hormone genes. <b>1992</b> , 103, 253-273	40
850	Production of transgenic tilapia (Oreochromis niloticus) by one-cell-stage microinjection. <b>1992</b> , 105, 219-232	40
849	Ralph L. Brinster. <b>1992</b> , 37, 1-3	12
848	Current status and potential of embryo transfer and reproductive technology in dairy cattle. <b>1992</b> , 75, 2857-79	42
847	Evaluation of a TEST-yolk sperm capacitation system for use in bovine in vitro fertilization. <b>1992</b> , 75, 394-8	5
846	Ontogeny of messenger RNA for the rat growth hormone receptor and serum binding protein. <b>1992</b> , 83, 133-41	39

845	High frequency of mammary adenocarcinomas in metallothionein promoter-human growth hormone transgenic mice created from two different strains of mice. <b>1992</b> , 43, 237-42	61
844	Applications of recombinant DNA technology to improve milk production: a review. <b>1992</b> , 31, 153-178	9
843	Growth, feed efficiency and body composition of transgenic mice expressing a sheep metallothionein 1a-sheep growth hormone fusion gene. <b>1992</b> , 31, 335-350	27
842	Transgenic mice in the study of endocrine systems. <b>1992</b> , 3, 111-115	1
841	Expression of human alpha 1 antitrypsin in transgenic sheep. <b>1992</b> , 9, 77-84	31
840	Reproductive impairment in mice with the rat growth hormone transgene1. <b>1992</b> , 109, 291-300	9
839	Relationship between the expression of differentiation-specific keratins 1 and 10 and cell proliferation in epidermal tumors. <b>1992</b> , 6, 18-25	30
838	Additive effects of c-erbB-2, c-Ha-ras, and transforming growth factor-alpha genes on in vitro transformation of human mammary epithelial cells. <b>1992</b> , 6, 43-52	60
837	Characterization of transgenic mice lineages. I. Overexpression of hGH causes the formation of liver intranuclear pseudoinclusion bodies and renal and hepatic injury. <b>1993</b> , 13, 361-371	4
836	Infection with a transforming growth factor alpha anti-sense retroviral expression vector reduces the in vitro growth and transformation of a human colon cancer cell line. <b>1993</b> , 54, 952-8	29
835	Decrease in cellular replicative potential in "giant" mice transfected with the bovine growth hormone gene correlates to shortened life span. <b>1993</b> , 156, 96-103	68
834	Expression of transforming growth factor alpha antisense mRNA inhibits the estrogen-induced production of TGF alpha and estrogen-induced proliferation of estrogen-responsive human breast cancer cells. <b>1993</b> , 156, 497-514	47
833	Specific phosphorylation of membrane proteins of Mr 44,000 and Mr 32,000 by the autophosphorylated insulin receptor from the hepatopancreas of the shrimp Penaeus monodon (Crustacea: Decapoda). <b>1993</b> , 267, 113-9	14
832	Effect of genetic background on growth of mice hemizygous for wild-type or dwarf mutated bovine growth hormone transgenes. <b>1993</b> , 87, 161-9	20
831	Chemical regulation of transgene expression in plants. <b>1993</b> , 22, 361-6	28
830	Manipulation of the repertoire of digestive enzymes secreted into the gastrointestinal tract of transgenic mice. <b>1993</b> , 11, 376-9	47
829	THE GROWTH HORMONE RECEPTOR DURING DEVELOPMENT. <b>1993</b> , 28, 147-153	1
828	Selection for increased adult body weight in mouse lines with and without the rat growth hormone transgene. <b>1993</b> , 110, 374-84	5

827	In situ hybridization study of growth hormone, prolactin, and proopiomelanocortin mRNAs in adenohypophyses of mice transgenic for human growth hormone. <b>1993</b> , 4, 73-78		8
826	Transgenic strategies in reproductive endocrinology. <b>1993</b> , 34, 337-47		4
825	Gene introduction into mouse blastocysts via "pricking". <b>1993</b> , 34, 349-56		11
824	Effects of the expression of bovine growth hormone on the testes and male accessory reproductive glands in transgenic mice. <i>Transgenic Research</i> , <b>1993</b> , 2, 79-83	3.3	7
823	Effects of long-term elevated serum levels of growth hormone on life expectancy of mice: lessons from transgenic animal models. <b>1993</b> , 68, 71-87		120
822	Transgenic animals in endocrinological investigation. <b>1993</b> , 16, 461-73		5
821	Models of human endocrine disorders in transgenic rodents. <b>1993</b> , 4, 136-41		16
820	Recent advances in animal biotechnology: welfare and ethical implications. <b>1993</b> , 36, 5-15		6
819	Transgenic fish Igene transfer to increase disease and cold resistance. <b>1993</b> , 111, 31-40		14
818	Development of a heavy metal-inducible fish-specific expression vector for gene transfer in vitro and in vivo. <b>1993</b> , 111, 215-226		7
817	Expression of insulin-like growth factor-I in transgenic mice. <b>1993</b> , 692, 149-60		54
816	Alteration of carcass composition in transgenic swine. <b>1993</b> , 9, 423-439		10
815	Expression of human growth hormone fusion genes in cultured lung endothelial cells and in the lungs of mice. <b>1993</b> , 8, 209-13		34
814	Transgenic rodents and the study of the central nervous system. <i>Methods in Molecular Biology</i> , <b>1993</b> , 18, 7-22	1.4	1
813	The commercial and agricultural applications of animal transgenesis. <i>Methods in Molecular Biology</i> , <b>1993</b> , 18, 53-71	1.4	
812	IGF-I is required for normal embryonic growth in mice. <b>1993</b> , 7, 2609-17		583
811	Germ-line gene modification and disease prevention: some medical and ethical perspectives. <b>1993</b> , 262, 533-8		67
810	Gonadotropin secretion, synthesis, and gene expression in two types of bovine growth hormone transgenic mice. <b>1993</b> , 49, 346-53		21

809	GHF-1-promoter-targeted immortalization of a somatotropic progenitor cell results in dwarfism in transgenic mice. <b>1993</b> , 7, 683-93	101
808	Transgenesis Techniques. <b>1993</b> ,	13
807	Biotechnology [the possibilities. 1993, 57, 335-352	1
806	Application of biotechnology and transgenic animals toward the study of growth hormone. <b>1993</b> , 58, 296S-298S	1
805	Embryo transfer and related techniques in domestic animals, and their implications for human medicine. <b>1993</b> , 8, 147-67	21
804	Testis-specific expression of a metallothionein I-driven transgene correlates with undermethylation of the locus in testicular DNA. <b>1993</b> , 90, 8886-90	20
803	Endocrine regulation of longitudinal bone growth. 1993, 82 Suppl 391, 33-40; discussion 41	65
802	The role of growth hormone in lines of mice divergently selected on body weight. <b>1993</b> , 61, 101-6	16
801	Plant metallothioneins. <b>1993</b> , 295 ( Pt 1), 1-10	391
800	The Role of Growth Hormone in the Growth of Poikilotherms. <b>1993</b> , 43-71	31
799	Somatotropin transgenic mice have reduced jejunal active glucose transport rates. <b>1994</b> , 124, 2189-96	5
798	Germ-line gene therapy: keep the window open a crack. <b>1994</b> , 13, 217-20	3
797	Transgenic Farm Animals. <b>1994</b> , 36, 5-9	3
796	Human insulin-like growth factor-binding protein-1 (hIGFBP-1) in transgenic mice: characterization and insights into the regulation of IGFBP-1 expression. <b>1994</b> , 135, 1316-27	64
795	From mapping to manipulating the vertebrate genome. <b>1994</b> , 5, 233-242	
794	Pre-Implantation Development. <b>1994</b> , 93-155	1
793	Somatic and germline chicken chimeras obtained from brown and white Leghorns by transfer of early blastodermal cells. <b>1994</b> , 73, 1897-905	37
792	Overexpression of growth hormone genes in transgenic mice shortens free-running periods in constant light. <b>1994</b> , 25, 315-328	4

791	Liver, renal and subcutaneous histopathology in PEPCK-bGH transgenic pigs. <i>Transgenic Research</i> , <b>1994</b> , 3, 401-5	3.3	14
790	Jewish bioethics and medical genetics. <b>1994</b> , 33, 333-40		
789	Transgenic bioreactors. <b>1994</b> , 26, 859-70		28
788	Seiji Memorial Lecture. Transgene expression in melanocytes. <b>1994</b> , 7, 69-72		
787	Extraordinary salmon growth. <i>Nature</i> , <b>1994</b> , 371, 209-210	50.4	332
786	Preventing hair loss in mice. <i>Nature</i> , <b>1994</b> , 371, 563-4	50.4	12
7 <sup>8</sup> 5	Characterization and localization of mouse hypothalamic growth hormone-releasing factor and effect of gold thioglucose-induced hypothalamic lesions. <b>1994</b> , 6, 71-8		14
784	Transgenic science. <b>1994</b> , 150, 9-24		13
783	Micromachined electroporation system for transgenic fish. <b>1994</b> , 34, 35-42		20
782	Commercial exploitation of transgenics. <b>1994</b> , 12, 679-86		2
781	The future role of molecular genetics in the control of meat production and meat quality. <b>1994</b> , 36, 29-	44	5
780	Introduction to Transgenic Animals. <b>1994</b> , 3-12		1
779	The genes encoding the major milk-specific proteins and their use in transgenic studies and protein engineering. <b>1994</b> , 12, 89-137		29
778	Mini-mouse: phenotypic characterization of a transgenic insertional mutant allelic to pygmy. <b>1994</b> , 64, 27-33		33
777	Five decades of progress in management of the infertile couple. <b>1994</b> , 62, 665-85		11
776	Human growth hormone (hGH) secretion in milk of goats after direct transfer of the hGH gene into the mammary gland by using replication-defective retrovirus vectors. <b>1994</b> , 91, 6840-4		49
775	The use of transgenic mice in nutrition research. <b>1994</b> , 124, 461-8		5
774	Scavenger receptor A gene regulatory elements target gene expression to macrophages and to foam cells of atherosclerotic lesions. <b>1995</b> , 92, 5391-5		104

773	An ovine-growth-hormone transgene model suitable for selection experiments for growth in mice*. <b>1995</b> , 112, 401-413		8
772	Production of transgenic mice by microinjection of DNA into vitrified pronucleate stage eggs.  Transgenic Research, <b>1995</b> , 4, 208-13	3.3	16
77 <sup>1</sup>	Germline transmission of exogenous genes in chickens using helper-free ecotropic avian leukosis virus-based vectors. <i>Transgenic Research</i> , <b>1995</b> , 4, 369-77	3.3	49
770	Transgenic salmon: tailoring the genome for food production. <b>1995</b> , 47, 1-19		79
769	Increased glial fibrillary acidic protein (GFAP) levels in the brains of transgenic mice expressing the bovine growth hormone (bGH) gene. <b>1995</b> , 30, 383-400		41
768	The commercial and agricultural applications of animal transgenesis. <b>1995</b> , 4, 167-78		7
767	Transgenesis and Animal Welfare. <b>1995</b> , 23, 380-397		9
766	Adenohypophysial morphology in transgenic dwarf mice with cerebral production of human growth hormone. An immunocytochemical, in situ hybridization and ultrastructural study. <b>1995</b> , 152, 19-27		3
765	Historical landmarks in studies of reproduction and sex determination. <b>1995</b> , 1-21		1
764	Mechanisms of sex determination. <b>1995</b> , 22-68		
763	Growth hormone-releasing hormone: synthesis and signaling. <b>1995</b> , 50, 35-73		70
762	Gene-targeting and transgenic approaches to IGF and IGF binding protein function. <b>1995</b> , 269, E613-22		7
761	Progress in Genetic Modifications of Farm Animals. <b>1995</b> , 210-229		1
760	Correction of the growth defect in dwarf mice with nonautologous microencapsulated myoblastsan alternate approach to somatic gene therapy. <b>1995</b> , 6, 165-75		109
759	Regulation of rat luteinizing hormone beta gene expression in transgenic mice by steroids and a gonadotropin-releasing hormone antagonist. <b>1995</b> , 53, 103-9		72
758	Transgenic technology in biomedicine and toxicology. <b>1995</b> , 13, 107-142		2
757	Teaching the ethics of genetic engineering. <b>1995</b> , 29, 129-138		5
756	Infertility in transgenic mice overexpressing the bovine growth hormone gene: luteal failure secondary to prolactin deficiency. <b>1995</b> , 52, 1162-6		33

#### (1996-1995)

755	Implementing transgenic and embryonic stem cell technology to study gene expression, cell-cell interactions and gene function. <b>1995</b> , 52, 246-57	44
754	Insulin-like growth factors and their binding proteins: biological actions. <b>1995</b> , 16, 3-34	3166
753	Transgenic fish in aquaculture and developmental biology. <b>1995</b> , 30, 177-214	25
75 <sup>2</sup>	Erythroid-specific expression of human growth hormone affects bone morphology in transgenic mice. <b>1996</b> , 18, 47-52	18
751	The mechanisms by which growth hormone brings about growth. The relative contributions of growth hormone and insulin-like growth factors. <b>1996</b> , 25, 615-31	57
75 <sup>0</sup>	Structure of the growth hormone-encoding gene and its promoter in mice. <b>1996</b> , 169, 209-13	25
749	Uses of Biotechnology to Enhance Production. <b>1996</b> , 969-1020	17
748	Enhanced growth of mice lacking the cyclin-dependent kinase inhibitor function of p27(Kip1). <b>1996</b> , 85, 721-32	1121
747	A syndrome of multiorgan hyperplasia with features of gigantism, tumorigenesis, and female sterility in p27(Kip1)-deficient mice. <b>1996</b> , 85, 733-44	1327
746	Transgenic livestock: Progress and prospects for the future. <b>1996</b> , 45, 57-68	120
745	The ontogeny of resource allocation in giant transgenic rat growth hormone mice. <b>1996</b> , 74, 492-507	17
744	New Strategies in Clinical Nutrition. <b>1996</b> , 16, 28-36	4
743	Targeted transgenesis. <b>1996</b> , 93, 8804-8	62
742	The Gfi-1 protooncoprotein represses Bax expression and inhibits T-cell death. <b>1996</b> , 93, 14569-73	94
741	Growth hormone upregulates gastrin and peptide YY gene expression. <b>1996</b> , 271, E582-6	5
740	Genetic Control of the Aging Process: A Review and Interpretation. <b>1996</b> , 15, 16-30	О
739	Genetic modification of farm animals. <b>1996</b> , 98, 10-13	1
738	Manipulating DNA: from Cloning to Knockouts. <b>1996</b> , 2, 27-57	1

737	Characterization of somatic cell hybrids exhibiting extinction of AFP, albumin and an AFP-HPRT transgene. <b>1996</b> , 22, 119-34	
736	The proximal 350 bp of 5'-flanking sequence of the human Bubunit glycoprotein hormone gene functions in the pituitary gland, but not the placenta, in transgenic mice. <b>1996</b> , 5, 257-63	1
735	Development of obesity following inactivation of a growth hormone transgene in mice. <i>Transgenic Research</i> , <b>1996</b> , 5, 13-23	37
734	Introduction and expression of the bacterial glyoxylate cycle genes in transgenic mice. <i>Transgenic Research</i> , <b>1996</b> , 5, 467-73	7
733	The use of null mutant mice to study complex learning and memory processes. <b>1996</b> , 26, 301-12	34
732	Lifetime reproduction and parturition intervals in mice with and without the rat growth-hormone transgene. <b>1996</b> , 113, 163-172	
731	Physiology and pathology of growth latudies in GH transgenic mice. <b>1996</b> , 113, 445-456	5
730	Transgenic animals: how they are made and their role in animal production and research. <b>1996</b> , 73, 182-7	
729	Transgenic Approaches to Glycobiology. 507-517	1
728	The effect of insulin-like growth factor-1 on adult rat cardiac contractility. <b>1996</b> , 163-164, 223-9	87
727	High-level expression of recombinant human fibrinogen in the milk of transgenic mice. <b>1996</b> , 14, 867-71	44
726	Overgrowth. <b>1996</b> , 35, 577-590	5
725	Livestock genomics comes of age. <b>1996</b> , 6, 907-21	43
724	Accelerated aging of giant transgenic mice is associated with elevated free radical processes. <b>1996</b> , 74, 606-620	88
723	Chapter 18 Transgenic regulation in laboratory Animals. <b>1996</b> , 5, 377-401	
722	Growth retardationan unexpected outcome from growth hormone gene therapy in normal mice with microencapsulated myoblasts. <b>1996</b> , 7, 61-70	35
721	Behavioural rhythmicity in transgenic growth hormone mice: trade-offs, energetics, and sleepWake cycles. <b>1997</b> , 75, 1020-1034	17
<b>72</b> 0	Welfare Aspects of Transgenic Animals. 1997,	7

719	Different female reproductive phenotypes determined by human growth hormone (hGH) levels in hGH-transgenic rats. <b>1997</b> , 56, 847-51	10
718	Are there limits to animal transgenesis?. <b>1997</b> , 3, 4-12	
717	Chapter 3 Regulation of growth hormone gene expression. <b>1997</b> , 51-82	1
716	Genetic Engineering in the Study of Hormones. <b>1997</b> , 10, 573-599	
715	The analysis of ontogenetic trajectories: when a change in size or shape is not heterochrony. <b>1997</b> , 94, 907-12	90
714	Lifetime reproduction of giant transgenic mice: the energy stress paradigm. <b>1997</b> , 75, 1336-1345	18
713	Transgenic animal models in reproductive endocrine research. <b>1997</b> , 136, 566-80	6
712	Transgenic models of pituitary diseases. <b>1997</b> , 39, 194-204	
711	Effects of chronically elevated growth hormone levels on polyamine metabolism in elderly transgenic mice. <b>1997</b> , 126, 49-58	12
710	Automated measurement of mouse apolipoprotein B: convenient screening tool for mouse models of atherosclerosis. <b>1997</b> , 43, 669-674	9
709	Activation of the prolactin receptor but not the growth hormone receptor is important for induction of mammary tumors in transgenic mice. <b>1997</b> , 100, 2744-51	153
708	Transgenic studies with a keratin promoter-driven growth hormone transgene: prospects for gene therapy. <b>1997</b> , 94, 219-26	147
707	Biotechnology for porcine products and its effect on meat products. <b>1997</b> , 59, 499-504	9
706	From mighty mice to mighty cows. <b>1997</b> , 17, 4-5	19
705	The IGF-I receptor in cell growth, transformation and apoptosis. <b>1997</b> , 1332, F105-26	166
704	Development of a positive method for male stem cell-mediated gene transfer in mouse and pig. <b>1997</b> , 46, 515-26	65
703	Differential in vivo activities of bovine growth hormone analogues. <i>Transgenic Research</i> , <b>1998</b> , 7, 61-71 3.3	5
702	Enhanced expression of bovine growth hormone gene by different culture conditions in Escherichia coli. <b>1997</b> , 19, 735-739	1

701	Transgenic fish. <b>1997</b> , 7, 417-441	20
700	The application of gene transfer techniques to marine resource management: recent advances, problems and future directions. <b>1997</b> , 352, 263-278	6
699	Recent advances in transgenic technology. <b>1997</b> , 7, 253-65	5
698	Correction of the Bloom syndrome cellular phenotypes. <b>1997</b> , 23, 303-12	4
697	Mutant and transgenic mice in immunotoxicology: an introduction. <b>1997</b> , 119, 65-76	15
696	The mammary gland as a bioreactor: expression, processing, and production of recombinant proteins. <b>1998</b> , 3, 337-50	72
695	Expression of a novel piscine growth hormone gene results in growth enhancement in transgenic tilapia (Oreochromis niloticus). <i>Transgenic Research</i> , <b>1998</b> , 7, 357-69	123
694	Sperm-mediated gene transfer in mice. <b>1998</b> , 50, 406-9	81
693	Foreign DNA introduced into the vas deferens is gained by mammalian spermatozoa. <b>1998</b> , 51, 42-52	31
692	Population study on the inheritance of Lac-Z gene in transgenic mice. <b>1998</b> , 115, 149-155	3
691	A consideration of some notable aging theories. <b>1998</b> , 33, 127-34	12
690	Construction, electroporatic transfer and expression of ZpypGH and ZpftGH in zebrafish. <b>1998</b> , 23, 565-576	7
689	La cellule et les biotechnologies. <b>1998</b> , 1998, 46-47	1
688	Manipulation of gene expression in the mammalian nervous system: application in the study of neurite outgrowth and neuroregeneration-related proteins. <b>1998</b> , 26, 43-71	19
687	Growth hormone and bone. <b>1998</b> , 19, 55-79	557
686	Les modles animaux des maladies humaines. <b>1998</b> , 9, 291-298	
685	The Role of Growth Factors in Bone Formation. <b>1998</b> , 591-613	
684	Rescue of angiotensinogen-knockout mice. <b>1998</b> , 252, 610-6	23

683	Caprine blastocyst development after in vitro fertilization with spermatozoa frozen in different extenders. <b>1998</b> , 49, 1265-74	19
682	Consequences of overexpression of growth hormone in transgenic mice on liver cytochrome P450 enzymes. <b>1998</b> , 55, 1481-7	9
681	Genetic Improvement of Cultured Marine Finfish. <b>1998</b> , 111-149	5
680	Transgenic animal bioreactors in biotechnology and production of blood proteins. 1998, 4, 1-54	27
679	Effect of chronic growth hormone administration on skeletal muscle in dogs. 1998, 26, 207-12	18
678	Cruciform-extruding regulatory element controls cell-specific activity of the tyrosine hydroxylase gene promoter. <b>1998</b> , 26, 1793-800	26
677	The role of growth hormone in the control of gonadotropin secretion in adult male rats. 1998, 139, 1067-74	27
676	Obesity and insulin resistance in human growth hormone transgenic rats. <b>1998</b> , 139, 3057-63	45
675	Transgenic bioreactors. <b>1998</b> , 4, 55-74	14
674	CDK inhibitors p18(INK4c) and p27(Kip1) mediate two separate pathways to collaboratively suppress pituitary tumorigenesis. <b>1998</b> , 12, 2899-911	311
673	Derepression of human embryonic zeta-globin promoter by a locus-control region sequence. <b>1998</b> , 95, 14669-74	16
672	The production of transgenic domestic livestock: successes, failures and the need for nuclear transfer. <b>1998</b> , 10, 659-65	17
671	Transgenic rabbits overexpressing growth hormone develop acromegaly and diabetes mellitus. <b>1998</b> , 12, 1455-60	34
670	New Insights in the Study of Growth Gained from the Use of Genetic and Transgenic Models. <b>1999</b> , 77, 1	11
669	Altering nutrient utilization in animals through transgenesis. <b>1999</b> , 12, 179-99	2
668	Production of transgenic rodents by the microinjection of cloned DNA into fertilized one-celled eggs. <i>Methods in Molecular Biology</i> , <b>1999</b> , 97, 61-100	2
667	CD14 transgenic mice expressing membrane and soluble forms: comparisons of levels of cytokines and lethalities in response to lipopolysaccharide between transgenic and non-transgenic mice. <b>1999</b> , 11, 333-9	18
666	Human growth hormone increases apo(a) expression in transgenic mice. <b>1999</b> , 19, 2439-47	16

665	Gigantism. <b>1999</b> , 84, 4379-84	56
664	Pituitary and testicular function in growth hormone receptor gene knockout mice. <b>1999</b> , 140, 1082-8	131
663	The growth hormone axis, feeding, and central allocative regulation: lessons from giant transgenic growth hormone mice. <b>1999</b> , 77, 1861-1873	12
662	Molecular Embryology. <b>1999</b> ,	1
661	Transgenic animals and nutrition research. <b>1999</b> , 10, 682-95	5
660	Genes as drugs: the social shaping of gene therapy and the reconstruction of genetic disease. <b>1999</b> , 21, 517-538	45
659	Stable production of a human growth hormone antagonist from CHO cells adapted to serum-free suspension culture. <b>1999</b> , 15, 336-46	16
658	New life for sperm-mediated transgenesis?. <b>1999</b> , 17, 636-7	3
657	Embryonic stem cell differentiation models: cardiogenesis, myogenesis, neurogenesis, epithelial and vascular smooth muscle cell differentiation in vitro. <b>1999</b> , 30, 211-26	77
656	Lactotroph hyperplasia in the pituitaries of female mice expressing high levels of bovine growth hormone. <i>Transgenic Research</i> , <b>1999</b> , 8, 191-202	3 6
655	Transgenic Lewis rats overexpressing the proteolipid protein gene: myelin degeneration and its effect on T cell-mediated experimental autoimmune encephalomyelitis. <b>1999</b> , 97, 595-606	37
654	Pituitary estrogen receptor alpha and dopamine subtype 2 receptor gene expression in transgenic mice with overproduction of heterologous growth hormones. <b>1999</b> , 111, 235-41	10
653	Oxidative stress in hypopituitary dwarf mice and in transgenic mice overexpressing human and bovine GH. <b>1999</b> , 22, 181-6	16
652	Commission on animal genetics. <b>1999</b> , 60, 173-176	1
651	[Sex-specific analysis of bone mass in normal and growth hormone transgenic mice using dual energy x-ray absorptiometry (DXA)]. <b>1999</b> , 181, 191-8	
650	Transgenic models of growth hormone action. <b>1999</b> , 19, 437-61	96
649	The growth hormone axis and cognition: empirical results and integrated theory derived from giant transgenic mice. <b>1999</b> , 77, 1874-1890	15
648	Transgene and host growth hormone gene expression in pituitary and nonpituitary tissues of normal and growth hormone transgenic salmon. <b>1999</b> , 149, 129-39	101

### (2000-1999)

647	Role of growth hormone and prolactin in the control of reproduction: what are we learning from transgenic and knock-out animals?. <b>1999</b> , 64, 598-604		49
646	Mendelian transmission, transgene dosage and growth phenotype in transgenic tilapia (Oreochromis hornorum) showing ectopic expression of homologous growth hormone. <b>1999</b> , 173, 271-2	83	40
645	Production and breeding of transgenic cattle using in vitro embryo production technology. <b>1999</b> , 51, 509-17		34
644	Transgenic animals: current and alternative strategies. <b>1999</b> , 1, 25-46		50
643	Male sterility in transgenic mice expressing activin betaA subunit gene in testis. <b>1999</b> , 259, 699-705		33
642	Effect of the codon following the ATG start site on the expression of ovine growth hormone in Escherichia coli. <b>1999</b> , 17, 215-23		7
641	The Dual Effector Theory. <b>1999</b> , 501-514		
640	Insulin-Like Growth Factor I Actions on Somatic Growth. <b>1999</b> , 663-699		4
639	The Growth Hormone Secretory Pattern and Statural Growth. <b>1999</b> , 329-395		4
638	Human growth hormone transgene expression increases the biomechanical structural properties of mouse vertebrae. <b>1999</b> , 24, 1-4		21
637	Chapter 6.3 Ethical implications of knock-out and transgenesistechniques for animal research. <b>1999</b> , 936-948		О
636	Muscle fiber plasticity in farm mammals. <b>2000</b> , 77, 1		27
635	Correlated responses to selection for large body size in oMt1a-oGH transgenic mice: reproductive traits. <b>2000</b> , 75, 199-208		5
634	Correlated responses to selection for large body size in oMt1a-oGH mice: growth, feed efficiency and body composition. <b>2000</b> , 117, 385-405		2
633	Embryonic and genetic manipulation in fish. <b>2000</b> , 10, 17-27		47
632	Biogerontological research in Canada. <b>2000</b> , 35, 271-89		4
631	A transgenic mouse expressing human CYP1A2 in the pancreas. <b>2000</b> , 60, 857-63		8
630	Transgenic animal bioreactors. <i>Transgenic Research</i> , <b>2000</b> , 9, 305-20	3.3	170

629	Gene targeting in livestock: a preview. <i>Transgenic Research</i> , <b>2000</b> , 9, 263-75	3.3	34
628	Time course of foreign gene integration and expression in transgenic fish embryos. <b>2000</b> , 45, 734-739		5
627	Response to 13 generations of selection for increased 8-week body weight in lines of mice carrying a sheep growth hormone-based transgene. <b>2000</b> , 78, 832-45		8
626	Cell cycle control in growth plate chondrocytes. <b>2000</b> , 5, D493-503		23
625	Overexpression of Xenopus laevis growth hormone stimulates growth of tadpoles and frogs. <b>2000</b> , 97, 190-4		56
624	Morphological changes in the kidney of dogs chronically exposed to exogenous growth hormone. <b>2000</b> , 28, 510-7		6
623	Alu-mediated phylogenetic novelties in gene regulation and development. <b>2000</b> , 299, 931-9		60
622	Neuron addition and enlargement in juvenile and adult animals. <b>2000</b> , 53, 537-46		10
621	Developing efficient strategies for the generation of transgenic cattle which produce biopharmaceuticals in milk. <b>2000</b> , 53, 139-48		44
620	Hormonal manipulations of growth rate and its influence on predator avoidance - foraging trade-offs. <b>2000</b> , 78, 121-127		14
619	Current and Future Promises of Transgenesis for Agricultural Livestock in a Global Marketplace. <b>2001</b> , 84, E1-E8		4
618	The role of aquatic biotechnology in aquaculture. <b>2001</b> , 197, 191-204		27
617	Genetic manipulation of sex differentiation and phenotype in domestic animals. 2001, 55, 51-63		7
616	Selection of in vitro produced, transgenic embryos by nested PCR for efficient production of transgenic goats. <b>2001</b> , 56, 545-56		14
615	Identified and unidentified challenges for reproductive biotechnologies regarding infectious diseases in animal and public health. <b>2001</b> , 56, 1465-81		13
614	Segregation ratios and growth rate in inactive ovine metallothionein 1a-ovine growth hormone transgenic mice. <b>2001</b> , 79, 1734-41		2
613	Meat Biotechnology. <b>2001</b> ,		
612	A transgenic mouse model for investigating the response of the upstream region of whey acidic protein (WAP) gene to various steroid hormones. <b>2001</b> , 50, 1-7		3

## (2002-2001)

611	Low-protein diet suppresses serum insulin-like growth factor-1 and decelerates the progression of growth hormone-induced glomerulosclerosis. <b>2001</b> , 21, 331-9		26
610	Foreign gene transfer into Chinese shrimps (Penaeus chinensis) with gene gun. <b>2001</b> , 46, 766-770		9
609	Changes in tissue cellularity are associated with growth enhancement in genetically modified arctic char (Salvelinus alpinus L.) carrying recombinant growth hormone gene. <b>2001</b> , 3, 188-97		19
608	Cancer immunotherapy: insights from transgenic animal models. <b>2001</b> , 40, 53-76		9
607	Expression of myostatin pro domain results in muscular transgenic mice. 2001, 60, 351-61		148
606	Expression of a reporter gene after microinjection of mammalian artificial chromosomes into pronuclei of bovine zygotes. <b>2001</b> , 60, 433-8		7
605	Green fluorescent protein (GFP) transgenic fish and their applications. 2001, 111, 213-25		55
604	Effects of growth hormone and its secretagogues on bone. <b>2001</b> , 14, 63-6		17
603	Production of transgenic rodents by the microinjection of cloned DNA into fertilized one-cell eggs. <b>2001</b> , 17, 151-82		13
602	Phosphorus-friendly transgenics. <b>2001</b> , 19, 415-6		6
601	Quantitative trait loci (QTLs) mapping for growth traits in the mouse: a review. <b>2001</b> , 33, 105-32		31
600	5. CONSIDERATIONS IN THE USE OF BIOTECHNOLOGY IN ANIMAL PRODUCTION SYSTEMS. <b>2001</b> , 64, 87-103		
599	The role of aquatic biotechnology in aquaculture. <b>2001</b> , 191-204		
598	The somatomedin hypothesis: 2001. <b>2001</b> , 22, 53-74		932
597	Green Fluorescent Protein. 2002,		5
596	Welfare issues of genetically modified animals. <b>2002</b> , 43, 100-9		31
595	Osteoporosis and the growth hormone-insulin-like growth factor axis. <b>2002</b> , 58 Suppl 3, 49-55		29
594	Transgenic bovine embryo selection using green fluorescent protein. <i>Methods in Molecular Biology</i> , <b>2002</b> , 183, 201-14	1.4	

593	The use of transgenic systems in pharmaceutical research. <b>2002</b> , 1, 119-30	10
592	Humoral immune response in mice over-expressing or deficient in growth hormone. <b>2002</b> , 227, 535-44	17
591	Transgenic mice expressing human fibroblast growth factor-19 display increased metabolic rate and decreased adiposity. <b>2002</b> , 143, 1741-7	426
590	Gene transfer in higher animals: theoretical considerations and key concepts. <b>2002</b> , 99, 1-22	19
589	The methods to generate transgenic animals and to control transgene expression. 2002, 98, 145-60	57
588	Transgenic Mouse. <b>2002</b> ,	4
587	Hepatocellular kinetics and the expression of growth hormone (GH) in the livers and liver tumours of GH-transgenic mice. <b>2002</b> , 34, 88-97	15
586	The potential impact of modern biotechnology on fish aquaculture. <b>2002</b> , 204, 255-269	50
585	Body composition, bone mass and microstructural analysis in GH-transgenic mice reveals that skeletal changes are specific to bone compartment and gender. <b>2002</b> , 12, 116-25	23
584	Transgenic tilapia and the tilapia genome. <b>2002</b> , 295, 265-77	56
583	Foreign GH gene expression in GH transgenic salmon. <b>2002</b> , 68, 1071-1074	1
582	From neural transmission to genes. <b>2002</b> , 52, 81-87	
581	Gene Targeting in Embryonic Stem Cells: II. Conditional Technologies. 2002, 143-171	
580	Sleep of transgenic mice producing excess rat growth hormone. <b>2002</b> , 282, R70-6	31
579	Introduction to Transgenic Animal Technology. <b>2002</b> , 3-12	9
578	Consequences of growth hormone (GH) overexpression and GH resistance. <b>2002</b> , 36, 201-8	105
577	Full-speed mammalian genetics: in vivo target validation in the drug discovery process. 2002, 20, 36-42	40
576	Marshall Barber and the century of microinjection: from cloning of bacteria to cloning of everything. <b>2002</b> , 70, 221-6	19

575	Transgenic systems in drug discovery: from target identification to humanized mice. <b>2002</b> , 7, 461-70	37
574	Behavioural and physiological characterization of inbred mouse strains: prospects for elucidating the molecular mechanisms of mammalian learning and memory. <b>2002</b> , 1, 72-81	28
573	Production of transgenic mice from vitrified pronuclear-stage embryos. <b>2002</b> , 61, 173-9	23
572	The transgenic rabbit as model for human diseases and as a source of biologically active recombinant proteins. <i>Transgenic Research</i> , <b>2003</b> , 12, 541-53	46
571	'Molecular farming' of antibodies in plants. <b>2003</b> , 90, 145-55	33
57°	Growth hormone gene transfer in common carp. <b>2003</b> , 16, 416-420	23
569	Manipulation of domestic animal embryos and implications for development. 2003, 38, 268-75	17
568	Alpha-neurexins couple Ca2+ channels to synaptic vesicle exocytosis. <i>Nature</i> , <b>2003</b> , 423, 939-48 50.4	521
567	Tailoring the genome: the power of genetic approaches. <b>2003</b> , 33 Suppl, 276-84	62
566	A future for transgenic livestock. <b>2003</b> , 4, 825-33	87
566 565	A future for transgenic livestock. <b>2003</b> , 4, 825-33  Development of transgenic fish for ornamental and bioreactor by strong expression of fluorescent proteins in the skeletal muscle. <b>2003</b> , 308, 58-63	8 <sub>7</sub>
	Development of transgenic fish for ornamental and bioreactor by strong expression of fluorescent	, , , , , , , , , , , , , , , , , , ,
565	Development of transgenic fish for ornamental and bioreactor by strong expression of fluorescent proteins in the skeletal muscle. <b>2003</b> , 308, 58-63	92
565 564	Development of transgenic fish for ornamental and bioreactor by strong expression of fluorescent proteins in the skeletal muscle. <b>2003</b> , 308, 58-63  Transgenic animals in biomedicine and agriculture: outlook for the future. <b>2003</b> , 79, 265-89	92
<ul><li>565</li><li>564</li><li>563</li></ul>	Development of transgenic fish for ornamental and bioreactor by strong expression of fluorescent proteins in the skeletal muscle. 2003, 308, 58-63  Transgenic animals in biomedicine and agriculture: outlook for the future. 2003, 79, 265-89  Metal ion-responsive transgenic Xenopus laevis as an environmental monitoring animal. 2003, 13, 153-9  Transgenesis and the study of expression, cellular targeting and function of oxytocin, vasopressin	92 33 3
<ul><li>565</li><li>564</li><li>563</li><li>562</li></ul>	Development of transgenic fish for ornamental and bioreactor by strong expression of fluorescent proteins in the skeletal muscle. 2003, 308, 58-63  Transgenic animals in biomedicine and agriculture: outlook for the future. 2003, 79, 265-89  Metal ion-responsive transgenic Xenopus laevis as an environmental monitoring animal. 2003, 13, 153-9  Transgenesis and the study of expression, cellular targeting and function of oxytocin, vasopressin and their receptors. 2003, 78, 185-203  In vitro oocyte culture and somatic cell nuclear transfer used to produce a live-born cloned goat.	92 33 3
<ul><li>565</li><li>564</li><li>563</li><li>562</li><li>561</li></ul>	Development of transgenic fish for ornamental and bioreactor by strong expression of fluorescent proteins in the skeletal muscle. 2003, 308, 58-63  Transgenic animals in biomedicine and agriculture: outlook for the future. 2003, 79, 265-89  Metal ion-responsive transgenic Xenopus laevis as an environmental monitoring animal. 2003, 13, 153-9  Transgenesis and the study of expression, cellular targeting and function of oxytocin, vasopressin and their receptors. 2003, 78, 185-203  In vitro oocyte culture and somatic cell nuclear transfer used to produce a live-born cloned goat. 2003, 5, 109-15	92 33 3 67 16

557	Genetics in Aquaculture. 333-369	1
556	Haploinsufficiency of Anx7 tumor suppressor gene and consequent genomic instability promotes tumorigenesis in the Anx7(+/-) mouse. <b>2003</b> , 100, 14287-92	68
555	What Can the Genetics Revolution Offer the Meat Industry?. <b>2003</b> , 32, 219-226	5
554	A dietary supplement abolishes age-related cognitive decline in transgenic mice expressing elevated free radical processes. <b>2003</b> , 228, 800-10	37
553	Use of mouse genetics for studying inner ear development. <b>2003</b> , 57, 45-83	11
552	. 2003,	286
551	Harmonizing the agricultural biotechnology debate for the benefit of African farmers. <b>2003</b> , 2, 394-416	11
550	Bone Formation. <b>2004</b> ,	9
549	Growth hormone and epidermal growth factor in salivary glands of giant and dwarf transgenic mice. <b>2004</b> , 52, 1191-7	9
548	Transgenics, chickens and therapeutic proteins. <b>2004</b> , 87 Suppl 2, 164-6	3
547	Genetic manipulation in nutrition, metabolism, and obesity research. 2004, 62, 321-30	14
546	Technologies for the control of fat and lean deposition in livestock. <b>2004</b> , 167, 242-57	93
545	Longitudinal in vivo effects of growth hormone overexpression on bone in transgenic mice. <b>2004</b> , 19, 802-10	11
544	Multidisciplinary approaches for investigating the mechanisms of hippocampus-dependent memory: a focus on inbred mouse strains. <b>2004</b> , 28, 463-83	52
543	Transgenic growth hormone mice exposed to lifetime constant illumination: gender-specific effects. <b>2004</b> , 82, 950-965	2
542	Thermoregulation of transgenic growth hormone mice. <b>2004</b> , 82, 934-949	5
541	The Mouse as an Animal Model for Human Diseases. <b>2004</b> , 97-110	1
540	Transgenic nonhuman primates for neurodegenerative diseases. <b>2004</b> , 2, 39	27

539	Protecting Infants through Human Milk. <b>2004</b> ,	4	
538	Systemic and Local Regulators of Bone Remodeling. <b>2004</b> , 44-70		
537	Public health issues related with the consumption of food obtained from genetically modified organisms. <b>2004</b> , 10, 85-122	25	
536	Efficiency of transgenic rat production is independent of transgene-construct and overnight embryo culture. <b>2004</b> , 61, 1441-53	15	
535	Gene transfer: potential to enhance the genome of Atlantic salmon for aquaculture. <b>2004</b> , 44, 1095	43	
534	Genotyping of transgenic mice: old principles and recent developments. 2005, 344, 1-7	11	
533	Igf-I and postnatal growth of weaver mutant mice. <b>2005</b> , 26, 117-25	6	
532	Revelationary biology: A review of The Second Tree: Stem Cells, Clones, Chimeras, and Quests for Immortality, by Elaine Dewar. <b>2005</b> , 7, 490-493		
531	Report on construction of gene-targeting vector for homologous recombination and transformation in silkworm, Bombyx mori L <b>2005</b> , 129, 129-133		
530	Cryopreservation of transgenic mouse embryos are eight years experience. 2005, 43, 69-85	9	
529	Genetically engineered livestock: closer than we think?. <b>2005</b> , 23, 533-5	14	
528	The effect of DNA repair defects on reproductive performance in nucleotide excision repair (NER) mouse models: an epidemiological approach. <i>Transgenic Research</i> , <b>2005</b> , 14, 845-57	3 7	
527	Development of Germline Manipulation Technologies in Livestock. <b>2005</b> , 99-109		
526	Gene therapy for pituitary tumors. <b>2005</b> , 5, 559-72	6	
525	Microinsemination and nuclear transfer using male germ cells. <b>2005</b> , 246, 189-229	29	
524	The role of insulin-like growth factor during a postischemic period - new insights into pathophysiologic pathways in cardiac tissue. <b>2005</b> , 1, 479-88		
523	Regulatory and Biosafety Issues in Relation to Transgenic Animals in Food and Agriculture, Feeds Containing Genetically Modified Organisms (GMO) and Veterinary Biologics. <b>2005</b> , 479-498	5	
522	Bovine growth hormone transgenic mice are resistant to diet-induced obesity but develop hyperphagia, dyslipidemia, and diabetes on a high-fat diet. <b>2005</b> , 146, 920-30	68	

521	Control of body size by SMA-5, a homolog of MAP kinase BMK1/ERK5, in C. elegans. 2005, 132, 3175-84	26
<b>52</b> 0	A complex dietary supplement extends longevity of mice. <b>2005</b> , 60, 275-9	23
519	Applications of Gene-Based Technologies for Improving Animal Production and Health in Developing Countries. <b>2005</b> ,	3
518	Production of transgenic cloned piglets from genetically transformed fetal fibroblasts selected by green fluorescent protein. <b>2005</b> , 63, 973-91	57
517	Cardiovascular Disease. 2006,	
516	Assisted Reproductive Technologies and Genetic Modifications in Rats. <b>2006</b> , 165-189	2
515	Production and processing of milk from transgenic goats expressing human lysozyme in the mammary gland. <b>2006</b> , 89, 518-24	105
514	[Site specific mutagenesis by homologous recombination in embryonic stem cells]. 2006, 90, 123-37	
513	An approach for producing transgenic cloned cows by nuclear transfer of cells transfected with human alpha 1-antitrypsin gene. <b>2006</b> , 65, 1800-12	29
512	Effects of an S84E mutation of bovine growth hormone in transgenic mice. <b>2006</b> , 231, 296-302	3
511	Animal Biotechnology and Modeling. 2006,	
510	Genetic engineering of pigs to provide organs for xenotransplantation. <b>2006</b> , 11, 160-165	1
509	Alcohol-related genes: contributions from studies with genetically engineered mice. 2006, 11, 195-269	180
508	Transgenic and Knockout Mouse Models Clarify Pituitary Development, Function and Disease. <b>2006</b> , 11, 370-383	6
507	Turing pattern with proportion preservation. <b>2006</b> , 238, 683-93	29
506	Transgene constructs in coho salmon (Oncorhynchus kisutch) are repeated in a head-to-tail fashion and can be integrated adjacent to horizontally-transmitted parasite DNA. <i>Transgenic Research</i> , 3.3 <b>2006</b> , 15, 711-27	28
505	Decompartmentalizing target validation-thinking outside the pipeline boxes. <b>2006</b> , 84, 802-13	5
504	PCR-based approaches for identification of multi-copy transgene integration sites in mouse genome. <b>2006</b> , 51, 2231-2235	1

## (2007-2006)

503	Generation of transgenic mice for cardiovascular research. <b>2006</b> , 129, 69-81	12
502	Stem cells in cardiovascular disease: methods and protocols. <b>2006</b> , 129, 329-51	6
501	Transgenic Mice in Biomedical Research. 2006,	
500	Production of germline transgenic chickens expressing enhanced green fluorescent protein using a MoMLV-based retrovirus vector. <b>2006</b> , 20, 2251-60	48
499	Comparative plasticity of brain synapses in inbred mouse strains. <b>2006</b> , 209, 2293-303	28
498	Transgene Tiere. <b>2006</b> ,	
497	Transgenic animal bioreactors: a new line of defense against chemical weapons?. 2007, 104, 13859-60	5
496	Hyperphagia-mediated obesity in transgenic mice misexpressing the RNA-editing enzyme ADAR2. <b>2007</b> , 282, 22448-59	49
495	Transgenic Animals. 133-145	1
494	Structure-function relation of somatotropin with reference to molecular modeling. 2007, 8, 283-92	4
494	Structure-function relation of somatotropin with reference to molecular modeling. <b>2007</b> , 8, 283-92  Mild calorie restriction does not affect testosterone levels and testicular gene expression in mutant mice. <b>2007</b> , 232, 1050-63	15
	Mild calorie restriction does not affect testosterone levels and testicular gene expression in	
493	Mild calorie restriction does not affect testosterone levels and testicular gene expression in mutant mice. <b>2007</b> , 232, 1050-63  The origins of oncomice: a history of the first transgenic mice genetically engineered to develop	15
493 492	Mild calorie restriction does not affect testosterone levels and testicular gene expression in mutant mice. 2007, 232, 1050-63  The origins of oncomice: a history of the first transgenic mice genetically engineered to develop cancer. 2007, 21, 2258-70  Protein-tyrosine phosphatase H1 controls growth hormone receptor signaling and systemic	15 122
493 492 491	Mild calorie restriction does not affect testosterone levels and testicular gene expression in mutant mice. 2007, 232, 1050-63  The origins of oncomice: a history of the first transgenic mice genetically engineered to develop cancer. 2007, 21, 2258-70  Protein-tyrosine phosphatase H1 controls growth hormone receptor signaling and systemic growth. 2007, 282, 35405-15	15 122 35
493 492 491 490	Mild calorie restriction does not affect testosterone levels and testicular gene expression in mutant mice. 2007, 232, 1050-63  The origins of oncomice: a history of the first transgenic mice genetically engineered to develop cancer. 2007, 21, 2258-70  Protein-tyrosine phosphatase H1 controls growth hormone receptor signaling and systemic growth. 2007, 282, 35405-15  Primer: molecular tools used for the understanding of endocrinology. 2007, 3, 355-68	15 122 35 6
493 492 491 490 489	Mild calorie restriction does not affect testosterone levels and testicular gene expression in mutant mice. 2007, 232, 1050-63  The origins of oncomice: a history of the first transgenic mice genetically engineered to develop cancer. 2007, 21, 2258-70  Protein-tyrosine phosphatase H1 controls growth hormone receptor signaling and systemic growth. 2007, 282, 35405-15  Primer: molecular tools used for the understanding of endocrinology. 2007, 3, 355-68  TICA DE LA INVESTIGACIN EN MODELOS ANIMALES DE ENFERMEDADES HUMANAS. 2007, 13, 25	15 122 35 6

485	Drugs and the MousePharmacology, Pharmacogenetics, and Pharmacogenomics. 2007, 289-320		1
484	Escaping the mouse trap: the selection of new Evo-Devo model species. <b>2007</b> , 308, 337-46		45
483	Genetically manipulated mice: a powerful tool with unsuspected caveats. 2007, 582, 481-8		64
482	Mutants carrying two sma mutations are super small in the nematode C. elegans. <b>2007</b> , 12, 603-9		16
481	Effects of growth hormone transgenes on the behavior and welfare of aquacultured fishes: A review identifying research needs. <b>2007</b> , 104, 265-294		40
480	Effects of mild calorie restriction on reproduction, plasma parameters and hepatic gene expression in mice with altered GH/IGF-I axis. <b>2007</b> , 128, 317-31		22
479	Animal transgenesis: state of the art and applications. <b>2007</b> , 48, 47-61		47
478	Role of the GH/IGF-I axis in the growth retardation of weaver mice. 2007, 32, 227-34		2
477	Systemic overexpression of growth hormone (GH) in transgenic FVB/N inbred mice: an optimized model for holistic studies of molecular mechanisms underlying GH-induced kidney pathology. <i>Transgenic Research</i> , <b>2008</b> , 17, 479-88	3.3	6
476	The growth hormone-encoding gene isolated and characterized from Labeo rohita Hamilton is expressed in CHO cells under the control of constitutive promoters in 'autotransgene' constructs. <b>2008</b> , 34, 413-36		6
475	Modifier Selection by Transgenes: The Case of Growth Hormone Transgenesis and Hyperactive Circling Mice. <b>2008</b> , 35, 267-286		8
474	Production of transgenic rodents by the microinjection of cloned DNA into fertilized one-celled eggs. <i>Methods in Molecular Biology</i> , <b>2008</b> , 461, 71-109	1.4	5
473	Autotransgenic and allotransgenic manipulation of growth traits in fish for aquaculture: a review. <b>2008</b> , 72, 1-26		31
472	Trends in large-scale mouse mutagenesis: from genetics to functional genomics. <b>2008</b> , 9, 803-10		84
471	Retrospective on reverse genetics in mice around the world and in Japan. <b>2008</b> , 50 Suppl 1, S29-34		3
470	The pronuclei of bovine ova fertilized in vitro. <b>1985</b> , 102, 293-6		7
469	Drug discovery paradigms: past, present, future - a centennial symposium of the American Society for Pharmacology and Experimental Therapeutics. <b>2008</b> , 3, 1145-54		
468	Biopharmaceutical Drug Design and Development. 2008,		1

467	The role of genetic engineering in livestock production. <b>2008</b> , 113, 191-201	13
466	The growth hormone-insulin-like growth factor-I axis in chronic kidney disease. <b>2008</b> , 18, 17-25	55
465	Progress in gene transfer by germ cells in mammals. <b>2008</b> , 35, 701-14	20
464	Immunoinformatics. 2008,	5
463	Elevated DNA damage in a mouse model of oxidative stress: impacts of ionizing radiation and a protective dietary supplement. <b>2008</b> , 23, 473-82	26
462	Regulating the angiogenic balance in tissues. <b>2008</b> , 7, 2056-70	51
461	Radiation-induced apoptosis in mouse lymphocytes is modified by a complex dietary supplement: the effect of genotype and gender. <b>2008</b> , 23, 465-72	21
460	Transgenic Animals. <b>2008</b> , 745-832	
459	Mouse models in liver cancer research: a review of current literature. <b>2008</b> , 14, 6915-23	63
458	Transgenic fish: benefits and risks. 2008,	
457	Carcinoembryonic antigen transgenic mouse models for immunotherapy and development of cancer vaccines. <b>2008</b> , Chapter 20, Unit 20.8	9
456	Genetically altered animals in the study of the metabolic functions of peptide hormone systems. <b>2008</b> , 17, 11-7	2
456 455		3
	<b>2008</b> , 17, 11-7	
455	2008, 17, 11-7  . 2009,  Domestication and growth hormone transgenesis cause similar changes in gene expression in coho	3
455 454	2008, 17, 11-7  . 2009,  Domestication and growth hormone transgenesis cause similar changes in gene expression in coho salmon (Oncorhynchus kisutch). 2009, 106, 3047-52  European community and US-FDA approval of recombinant human antithrombin produced in	3
455 454 453	. 2009,  Domestication and growth hormone transgenesis cause similar changes in gene expression in coho salmon (Oncorhynchus kisutch). 2009, 106, 3047-52  European community and US-FDA approval of recombinant human antithrombin produced in genetically altered goats. 2009, 15, 645-51	3 105 19

449 Recombinant DNA Technology. **2009**, 75-82

448	Main Session I: Transgenic animals Chairperson. <b>2009</b> , 20, 325-327		2
447	Use of intracytoplasmic sperm injection (ICSI) to generate transgenic animals. <b>2009</b> , 32, 47-60		23
446	Ex vivo magnetofection: a novel strategy for the study of gene function in mouse organogenesis. <b>2009</b> , 238, 956-64		16
445	Factors to consider before production and commercialization of aquatic genetically modified organisms: the case of transgenic salmon. <b>2009</b> , 12, 170-189		24
444	Transgenic and Genetic Animal Models. <b>2009</b> , 2673-2709		1
443	Efficient mouse transgenesis using Gateway-compatible ROSA26 locus targeting vectors and F1 hybrid ES cells. <b>2009</b> , 37, e55		84
442	Reproductive Endocrinology. <b>2009</b> ,		5
441	Transgenic mouse technology: principles and methods. <i>Methods in Molecular Biology</i> , <b>2009</b> , 590, 335-62	1.4	22
440	Crosstalk between growth hormone and insulin signaling. <b>2009</b> , 80, 125-53		30
439	Molecular Embryology. Methods in Molecular Biology, 2009,	1.4	
438	Molecular Endocrinology. <i>Methods in Molecular Biology</i> , <b>2009</b> ,	1.4	4
437	Rabbit Biotechnology. <b>2009</b> ,		10
436	Technical advances in rhinologic basic science research. <b>2009</b> , 42, 867-81, x		6
435	What a fish can learn from a mouse: principles and strategies for modeling human cancer in mice. <b>2009</b> , 6, 329-37		18
434	Changes in the expression of suppressor of cytokine signalling (SOCS) 2 in the colonic mucosa of acromegalic patients are associated with hyperplastic polyps. <b>2009</b> , 70, 898-906		9
433	Issues and Methodology for Development of Transgenic Fish for Aquaculture with a Focus on Growth Enhancement. 217-260		5
432	Cytoplasmic injection of circular plasmids allows targeted expression in mammalian embryos. <b>2009</b> , 47, 959-68		59

## (2011-2009)

431	Incomplete restoration of Mpl expression in the mpl-/- mouse produces partial correction of the stem cell-repopulating defect and paradoxical thrombocytosis. <b>2009</b> , 113, 1778-85	45
430	Scientific report on the effects of farming systems on dairy cow welfare and disease. <b>2009</b> , 7, 1143r	20
429	Molecular genetics in aquaculture. <b>2009</b> , 8, 299-313	15
428	Gene Expression in Recombinant Animal Cells and Transgenic Animals. <b>2010</b> , 213	
427	In brief. <b>2010</b> , 6, 476-476	
426	Tissue specific expression of hepatitis B surface antigen in mice following liposomemediated gene transfer into blastocysts. <b>1985</b> , 32, 676-82	1
425	Transgenic/Transgenic Modified Fish. <b>2010</b> , 261-274	
424	Recombinant murine growth hormone from E. coli inclusion bodies: expression, high-pressure solubilization and refolding, and characterization of activity and structure. <b>2010</b> , 26, 743-9	17
423	References. <b>2010</b> , 243-285	
422	. 2010,	55
422	. 2010,  Precision genetics for complex objectives in animal agriculture. 2010, 88, 2530-9	55
421	Precision genetics for complex objectives in animal agriculture. <b>2010</b> , 88, 2530-9	40
421 420	Precision genetics for complex objectives in animal agriculture. <b>2010</b> , 88, 2530-9  Decontaminating Heavy Metals from Water Using Photosynthetic Microbes. <b>2010</b> , 57-73  Targeted deletion of somatotroph insulin-like growth factor-I signaling in a cell-specific knockout	40
421 420 419	Precision genetics for complex objectives in animal agriculture. <b>2010</b> , 88, 2530-9  Decontaminating Heavy Metals from Water Using Photosynthetic Microbes. <b>2010</b> , 57-73  Targeted deletion of somatotroph insulin-like growth factor-I signaling in a cell-specific knockout mouse model. <b>2010</b> , 24, 1077-89	40
421 420 419 418	Precision genetics for complex objectives in animal agriculture. 2010, 88, 2530-9  Decontaminating Heavy Metals from Water Using Photosynthetic Microbes. 2010, 57-73  Targeted deletion of somatotroph insulin-like growth factor-I signaling in a cell-specific knockout mouse model. 2010, 24, 1077-89  Current developments in embryo transfer. 2010, 17, 85-88	40 2 36
421 420 419 418 417	Precision genetics for complex objectives in animal agriculture. 2010, 88, 2530-9  Decontaminating Heavy Metals from Water Using Photosynthetic Microbes. 2010, 57-73  Targeted deletion of somatotroph insulin-like growth factor-I signaling in a cell-specific knockout mouse model. 2010, 24, 1077-89  Current developments in embryo transfer. 2010, 17, 85-88  Leptin receptor modulation of adiposity and fertility. 2010, 21, 10-6	40 2 36 46

413	Introduction: Strategies for developing genetically modified mice. <i>Methods in Molecular Biology</i> , <b>2011</b> , 693, 1-10	1.4	1
412	Transgene design. <i>Methods in Molecular Biology</i> , <b>2011</b> , 693, 89-101	1.4	1
411	Challenges for Agricultural Research. <b>2011</b> ,		5
410	Mouse mutagenesis and disease models for neuropsychiatric disorders. <b>2011</b> , 7, 1-35		9
409	Effects of Gene Methylation Reprogramming in Cloned Calves Derived from In Vitro-Transfected Somatic Cells. <b>2011</b> , 16, 27-34		
408	Report from the CRP Reflection Group meeting on Vision for the Future 12011, 19-25		
407	Transgenic Animals: Improved Performance. <b>2011</b> , 1041-1043		
406	Transgenic Animals: Secreted Products. <b>2011</b> , 1047-1050		
405	Front Matter. <b>2011</b> , i-xviii		
404	Antifreeze Protein Gene Transfer <b>B</b> romises, Challenges, and Lessons from Nature. <b>2011</b> , 253-266		1
403	Microtubules are involved in regulating body length in hydra. 2011, 350, 228-37		4
402	Defining Environmental Risk Assessment Criteria for Genetically Modified (GM) Mammals and Birds to be placed on the EU market. <b>2011</b> , 8, 107E		
401	Use of Genetic Mouse Models to Study Kidney Regeneration. <b>2011</b> , 37-66		
400	CELLULAR, MOLECULAR, GENOMICS, AND BIOMEDICAL APPROACHES   Transgenesis and Chromosome Manipulation in Fish. <b>2011</b> , 1998-2008		2
399	Production of recombinant proteins in milk of transgenic and non-transgenic goats. <b>2011</b> , 54, 927-938		11
398	Biotechnology applications for the sustainable management of goat genetic resources. <b>2011</b> , 98, 133-	146	17
397	Advances in farm animal transgenesis. <b>2011</b> , 102, 146-56		71
396	Hormonal regulation of spermatogenesis: insights from constructing genetic models. <b>2011</b> , 23, 507-19		8

395	Transgenesis in Animal Agriculture: Addressing Animal Health and Welfare Concerns. <b>2011</b> , 24, 451-472		8
394	Elevated GH/IGF-I, due to somatotrope-specific loss of both IGF-I and insulin receptors, alters glucose homeostasis and insulin sensitivity in a diet-dependent manner. <b>2011</b> , 152, 4825-37		26
393	Wnt11 promotes cardiomyocyte development by caspase-mediated suppression of canonical Wnt signals. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 163-78	4.8	61
392	Rodent laparoscopy: refinement for rodent drug studies and model development, and monitoring of neoplastic, inflammatory and metabolic diseases. <b>2011</b> , 45, 231-9		3
391	Capricious Cre: the devil is in the details. <b>2012</b> , 153, 1005-7		14
390	Handmade cloned transgenic piglets expressing the nematode fat-1 gene. <b>2012</b> , 14, 258-66		36
389	In vivo gene transfer in mouse preimplantation embryos after intraoviductal injection of plasmid DNA and subsequent in vivo electroporation. <b>2012</b> , 58, 278-87		9
388	Patterning the artery wall by lateral induction of Notch signaling. <b>2012</b> , 125, 212-5		24
387	Regulation of Agricultural Biotechnology: The United States and Canada. 2012,		7
386	Doxycycline-regulated growth hormone gene expression system for swine. <b>2012</b> , 11, 2946-57		4
385	Genetically Modified Organisms: Concepts and Methods. <b>2012</b> , 1-32		
384	PITT: pronuclear injection-based targeted transgenesis, a reliable transgene expression method in mice. <b>2012</b> , 61, 489-502		19
383	References. <b>2012</b> , 159-188		
382	Isolation of yellow catfish Eactin promoter and generation of transgenic yellow catfish expressing enhanced yellow fluorescent protein. <i>Transgenic Research</i> , <b>2012</b> , 21, 995-1004	3.3	3
381	Gastrocnemius transcriptome analysis reveals domestication induced gene expression changes between wild and domestic chickens. <b>2012</b> , 100, 314-9		11
380	Genetically modified growth affects allometry of eye and brain in salmonids. <b>2012</b> , 90, 193-202		27
379	Precision editing of large animal genomes. <b>2012</b> , 80, 37-97		83

Functional Genomics of Stress: Molecular Biomarkers for Evaluating Fish CNS Activity. **2012**, 205-218

376	Assessment of fecundity and germ line transmission in two transgenic pig lines produced by sleeping beauty transposition. <b>2012</b> , 3, 615-33		12
375	Genetics of mammalian reproduction: modeling the end of the germline. <b>2012</b> , 74, 503-28		39
374	Frequency dependency of NMDA receptor-dependent synaptic plasticity in the hippocampal CA1 region of freely behaving mice. <b>2012</b> , 22, 2238-48		35
373	The construction of transgenic and gene knockout/knockin mouse models of human disease. <i>Transgenic Research</i> , <b>2012</b> , 21, 327-49	3.3	120
372	Growth hormone reduces growth in free-living Atlantic salmon fry. <b>2012</b> , 26, 904-911		11
371	Gamete quality and broodstock management in temperate fish. 2013, 5, S194-S223		136
370	Effects of long-term in vitro culturing of transgenic bovine donor fibroblasts on cell viability and in vitro developmental potential after nuclear transfer. <b>2013</b> , 49, 250-9		8
369	Sustainable Food Production. <b>2013</b> , 1633-1665		
368	Novel GM animal technologies and their governance. <i>Transgenic Research</i> , <b>2013</b> , 22, 681-95	3.3	16
367	Mouse Models for Human Diseases by Forward and Reverse Genetics. 2013, 833-859		1
366	The GH/IGF-1 axis in ageing and longevity. <b>2013</b> , 9, 366-376		290
365	Episomal Expression of Minicircles and Conventional Plasmids in Mammalian Embryos. <b>2013</b> , 189-202		1
364	Animal models of skin disease for drug discovery. <b>2013</b> , 8, 331-55		67
363	Natural genotypes via genetic engineering. <b>2013</b> , 110, 16295-6		7
362	Transgenic mouse modelsa seminal breakthrough in oncogene research. <b>2013</b> , 2013, 1099-108		12
361	A non-surgical approach for male germ cell mediated gene transmission through transgenesis. <b>2013</b> , 3, 3430		19
360	Consuming transgenic goats' milk containing the antimicrobial protein lysozyme helps resolve diarrhea in young pigs. <b>2013</b> , 8, e58409		36

359	Cleavage and Implantation. 2014, 37-57	3
358	Germ Cell, Stem Cell, and Genomic Modification in Birds. <b>2014</b> , 04,	3
357	My career path for developing gene therapy for blinding diseases: the importance of mentors, collaborators, and opportunities. <b>2014</b> , 25, 663-70	4
356	Transgenic Animals and their Applications. <b>2014</b> , 407-423	O
355	Alternative Methods for Transgenesis in Domestic Animal Species. <b>2014</b> , 399-428	
354	Introduction to Transgenic Animal Technology. <b>2014</b> , 3-13	4
353	Functional expression of bovine growth hormone gene in Pleurotus eryngii. 2014, 19, 33-42	2
352	Trojan Genes and Transparent Genomes: Sexual Selection, Regulatory Evolution and the Real Hopeful Monsters. <b>2014</b> , 41, 367-387	2
351	Gene targeting technologies in rats: zinc finger nucleases, transcription activator-like effector nucleases, and clustered regularly interspaced short palindromic repeats. <b>2014</b> , 56, 46-52	48
350	Evaluation of growth hormone (GH) action in mice: discovery of GH receptor antagonists and clinical indications. <b>2014</b> , 386, 34-45	56
349	Trojan Genes or Transparent Genomes? Sexual Selection and Potential Impacts of Genetically Modified Animals in Natural Ecosystems. <b>2014</b> , 41, 276-298	3
348	Growth hormone, insulin-like growth factor-1, and the kidney: pathophysiological and clinical implications. <b>2014</b> , 35, 234-81	131
347	Construction and in vivo evaluation of a mammary gland-specific expression vector for human lysozyme. <b>2014</b> , 76, 47-53	3
346	Construction of a recombinant human insulin expression vector for mammary gland-specific expression in buffalo (Bubalus bubalis) mammary epithelial cell line. <b>2014</b> , 41, 5891-902	6
345	Growth and endocrine effect of growth hormone transgene dosage in diploid and triploid coho salmon. <b>2014</b> , 196, 112-22	14
344	Promising future for the transgenic rat in transplantation research. <b>2014</b> , 28, 155-62	10
343	15: TRANSGENIC MICE. <b>2014</b> , 167-183	
342	Investigation of ion channel structure using uorescence spectroscopy. <b>2015</b> , 133-154	3

341 Beef Quality. **2015**, 350-381

340	Genetics in aquaculture. <b>2015</b> , 383-428	
339	Genome Engineering in Aquaculture. <b>2015</b> , 53, 449-454	
338	From Gene Targeting to Genome Editing: Transgenic animals applications and beyond. <b>2015</b> , 87, 1323-48	32
337	Addiction. <b>2015</b> , 1321-1329	0
336	Conditional Cripto overexpression in satellite cells promotes myogenic commitment and enhances early regeneration. <b>2015</b> , 3, 31	4
335	The Effect of Cage Space on Behavior and Reproduction in Crl:CD1(Icr) and C57BL/6NCrl Laboratory Mice. <b>2015</b> , 10, e0127875	12
334	Production of human lactoferrin and lysozyme in the milk of transgenic dairy animals: past, present, and future. <i>Transgenic Research</i> , <b>2015</b> , 24, 605-14	34
333	Living Large: What Mouse Models Reveal about Growth Hormone and Obesity. <b>2015</b> , 65-95	4
332	Organ-Size Regulation in Mammals. <b>2015</b> , 7, a019240	29
331	Molecular Genetic Strategies in the Study of Corticohippocampal Circuits. <b>2015</b> , 7, a021725	4
330	Brains, genes, and primates. <b>2015</b> , 86, 617-31	183
329	Transgenesis and Genome Manipulations. <b>2015</b> , 267-317	
328	Efficient CRISPR/Cas9-Mediated Genome Editing in Mice by Zygote Electroporation of Nuclease. <b>2015</b> , 200, 423-30	166
327	Rapid growth accelerates telomere attrition in a transgenic fish. <b>2015</b> , 15, 159	37
326	Genetics of the Mouse. <b>2015</b> ,	4
325	Lessons from reproductive technology research. <b>2015</b> , 3, 467-87	9
324	Transgenic fish systems and their application in ecotoxicology. <b>2015</b> , 45, 124-41	32

323	Genetically engineered livestock: ethical use for food and medical models. 2015, 3, 559-75		12
322	The Use of Reproductive Technologies to Produce Transgenic Goats. <b>2016</b> ,		2
321	Body-enlarging effect of royal jelly in a non-holometabolous insect species, Gryllus bimaculatus. <b>2016</b> , 5, 770-6		7
320	Towards automatic robot-assisted microscopy: An uncalibrated approach for robotic vision-guided micromanipulation. <b>2016</b> ,		6
319	Mitogenic signaling pathways in the liver of growth hormone (GH)-overexpressing mice during the growth period. <b>2016</b> , 15, 748-59		7
318	Of sex and determination: marking 25 years of Randy, the sex-reversed mouse. <b>2016</b> , 143, 1633-7		16
317	Genetic Engineering of Farm Mammals. <b>2016</b> , 318-330		
316	A multi-ingredient dietary supplement abolishes large-scale brain cell loss, improves sensory function, and prevents neuronal atrophy in aging mice. <b>2016</b> , 57, 382-404		6
315	Transgenic farm animals: the status of research and prospects. <b>2016</b> , 6, 657-668		
314	Lentiviral transgenesis in mice via a simple method of viral concentration. <b>2016</b> , 86, 1427-1435		5
313	Glucose and Fat Metabolism in Acromegaly: From Mice Models to Patient Care. 2016, 103, 96-105		22
312	Transgenic medaka that overexpress growth hormone have a skin color that does not indicate the activation or inhibition of somatolactin-Bignal. <b>2016</b> , 584, 38-46		5
311	Genetically engineered livestock for agriculture: a generation after the first transgenic animal research conference. <i>Transgenic Research</i> , <b>2016</b> , 25, 321-7	<b>;</b>	14
310	Effect of crotamine, a cell-penetrating peptide, on blastocyst production and gene expression of in vitro fertilized bovine embryos. <b>2016</b> , 24, 48-57		8
309	GH and ageing: Pitfalls and new insights. <b>2017</b> , 31, 113-125		41
308	Prion disease: experimental models and reality. <b>2017</b> , 133, 197-222		34
307	Culture time of vitrified/warmed zygotes before microinjection affects the production efficiency of CRISPR-Cas9-mediated knock-in mice. <b>2017</b> , 6, 706-713		8
306	Progress and biotechnological prospects in fish transgenesis. <b>2017</b> , 35, 832-844		15

305	Gene delivery to Nile tilapia cells for transgenesis and the role of PI3K-c2⊞n angiogenesis. <b>2017</b> , 7, 44317	5
304	Non-conventional expression systems for the production of vaccine proteins and immunotherapeutic molecules. <b>2017</b> , 13, 947-961	33
303	Somatic growth, aging, and longevity. <b>2017</b> , 3, 14	22
302	Avian Biotechnology. <b>2017</b> , 1001, 187-214	9
301	RNAe in a transgenic growth hormone mouse model shows potential for use in gene therapy. <b>2017</b> , 39, 179-188	2
300	Brief Historical Overview on the Use of Animals in Research. <b>2017</b> , 1-10	
299	Forward and Reverse Genetics to Model Human Diseases in the Mouse. <b>2017</b> , 727-752	O
298	Genome editing for disease resistance in livestock. <b>2017</b> , 1, 209-219	6
297	Growth Factor Regulation of Fetal Growth. 2017, 1461-1470.e4	
296	The Importance of a Novel Product Risk-Based Trigger for Gene-Editing Regulation in Food Animal Species. <b>2018</b> , 1, 101-106	13
295	Reproduction in domestic ruminants during the past 50 yr: discovery to application. <b>2018</b> , 96, 2952-2970	13
294	Streamlined ex vivo and in vivo genome editing in mouse embryos using recombinant adeno-associated viruses. <b>2018</b> , 9, 412	41
293	Incorporation of a skeletal muscle-specific enhancer in the regulatory region of Igf1 upregulates IGF1 expression and induces skeletal muscle hypertrophy. <b>2018</b> , 8, 2781	11
292	Evaluation of the safety of daily administration of capromorelin in cats. <b>2018</b> , 41, 324-333	8
291	Special Considerations When Using Mice for In Vivo Electrophysiology and Long-Term Studies of Hippocampal Synaptic Plasticity During Behavior. <b>2018</b> , 28, 63-84	3
290	Animal Biotechnology 2. <b>2018</b> ,	2
289	Efficient Generation of Transgenic Buffalos (Bubalus bubalis) by Nuclear Transfer of Fetal Fibroblasts Expressing Enhanced Green Fluorescent Protein. <b>2018</b> , 8, 6967	13
288	Transgenesis and Genetically Engineered Livestock as Live Bioreactors. <b>2019</b> , 249-264	1

287 Animal Biotechnology in Human Health. 2019, 415-419

286	Transgenic Fish. <b>2019</b> , 291-300		
285	Generating mouse models for biomedical research: technological advances. <b>2019</b> , 12,		55
284	Looking Forward: Cutting-Edge Technologies and Skills for Pathologists in the Future. <b>2019</b> , 47, 1082-10	)87	2
283	The Application of Pre-clinical Animal Models to Optimise Nanoparticulate Drug Delivery for Hepatocellular Carcinoma. <b>2018</b> , 6, 221-231		2
282	Mouse Models of Innate Immunity. Methods in Molecular Biology, 2019,	1.4	1
281	Genome Editing in Mouse Embryos with CRISPR/Cas9. Methods in Molecular Biology, 2019, 1960, 23-40	1.4	7
280	Microinjection and Micromanipulation: A Historical Perspective. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1874, 1-16	1.4	16
279	Delivery of CRISPR-Cas9 into Mouse Zygotes by Electroporation. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1874, 179-190	1.4	8
278	Harnessing genomic information for livestock improvement. <b>2019</b> , 20, 135-156		128
277	Transgenic chicken/poultry birds: serving us for survival. <b>2020</b> , 211-221		
276	Transgenesis and genome editing in chickens. <b>2020</b> , 223-247		1
275	Assisted Reproductive Technologies and Genetic Modifications in Rats. <b>2020</b> , 181-213		2
274	Synthetic Biology 2020: Frontiers in Risk Analysis and Governance. <i>Risk, Systems and Decisions</i> , <b>2020</b>	0.7	10
273	Improvement of Disease Resistance in Livestock: Application of Immunogenomics and CRISPR/Cas9 Technology. <b>2020</b> , 10,		6
272	Research on early mammalian development in India. <b>2020</b> , 64, 109-121		
271	A novel 17 bp InDel polymorphism within the gene is significantly associated with growth traits in sheep. <b>2020</b> , 1-9		3
270	A Noninvasive Delivery of DNA into Zygotes by AuNPsPEI for Transgenic Mice. <b>2020</b> , 6, 765-772		2

269	Application of Genetically Engineered Pigs in Biomedical Research. 2020, 11,	16
268	Reproductive technologies in laboratory animals. <b>2020</b> , 145-159	
267	Transgenic animals in research and industry. <b>2020</b> , 463-480	
266	Genetics and breeding of sheep and goats. <b>2020</b> , 183-198	14
265	Various biological functions of carbohydrate chains learned from glycosyltransferase-deficient mice. <b>2020</b> , 69, 261-268	1
264	RNAi for livestock improvement. <b>2021</b> , 91-107	1
263	GH/IGF-1 Abnormalities and Muscle Impairment: From Basic Research to Clinical Practice. <b>2021</b> , 22,	1
262	Mice with an RGS-insensitive G⊕rotein show growth hormone axis dysfunction. <b>2021</b> , 521, 111098	1
261	Prion Diseases: A Unique Transmissible Agent or a Model for Neurodegenerative Diseases?. <b>2021</b> , 11,	7
260	A comprehensive review on genetically modified fish: key techniques, applications and future prospects. <b>2021</b> , 13, 1635	3
259	Cloning, characterization, and transcriptional activity of Eactin promoter of African catfish (Clarias gariepinus). <b>2021</b> , 48, 2561-2571	1
258	Advances in Genome Editing and Application to the Generation of Genetically Modified Rat Models. <b>2021</b> , 12, 615491	10
257	Influence of Age on Skeletal Muscle Hypertrophy and Atrophy Signaling: Established Paradigms and Unexpected Links. <b>2021</b> , 12,	2
256	[Transcription Factor MTF-1 Involved in the Cellular Response to Zinc]. <b>2021</b> , 141, 857-867	O
255	Chromosome Set Manipulation and Genome Manipulation in Aquaculture. <b>2021</b> , 68, 277-289	0
254	Transcriptional Regulation by (Super)Enhancers: From Discovery to Mechanisms. <b>2021</b> , 22, 127-146	14
253	The Physiological Control of Eating: Signals, Neurons, and Networks. 2021,	8
252	The cloning era and the cloning of Brachury and other T/t complex genes. 2022, 229-246	

251	Transgenic Animals. <b>2001</b> , 745-832		1
250	IGF-I and Brain Growth: Multifarious Effects on Developing Neural Cells and Mechanisms of Action. <b>2005</b> , 77-93		2
249	Encyclopedia of Sustainability Science and Technology. <b>2012</b> , 389-405		1
248	Effect of animal production on meat quality. <b>2004</b> , 542, 1-23		2
247	Genetics of growth hormone and its disorders. <b>1989</b> , 18, 305-63		8
246	The effect of insulin-like growth factor-1 on adult rat cardiac contractility. <b>1996</b> , 223-229		1
245	Gene transfer into mouse embryos. <b>1986</b> , 4, 1-36		5
244	Sustainable Food Production. <b>2013</b> , 41-57		1
243	Potential Impacts of Transgenic and Genetically Manipulated Fish on Natural Populations: Addressing the Uncertainties through Field Testing. <b>1993</b> , 93-112		1
242	Metallothionein Gene Regulation in Cyanobacteria. <b>1998</b> , 372-397		3
241	Introduction and regulation of cloned genes for agricultural livestock improvement. <b>1986</b> , 37, 151-61		2
240	Bovine Embryo: Development, Cloning, Sexing and Transfer of Genes. <b>1986</b> , 375-392		1
239	Transgenic Mice: Gene Transfer into the Germ Line. <b>1986</b> , 189-221		4
238	Gene Transfer for Enhanced Growth of Livestock. <b>1989</b> , 359-375		3
237	Genetic manipulation of mammary gland development and lactation. 2004, 554, 229-51		5
236	Murine Models for Reproduction. <b>2008</b> , 411-423		2
235	Approaches and species in the history of vertebrate embryology. <i>Methods in Molecular Biology</i> , <b>2011</b> , 770, 1-20	1.4	9
234	Genetically Engineered Fish: Potential Impacts on Aquaculture, Biodiversity, and the Environment. <b>2020</b> , 241-275		1

233	Molecular biology of metallothionein gene expression. <b>1987</b> , 52, 63-80	151
232	Transgenic mouse models and peptide producing endocrine tumours: morpho-functional aspects. <b>1989</b> , 56, 210-9	3
231	Growth Hormone Overproduction in Transgenic Mice: Phenotypic Alterations and Deduced Animal Models. <b>1997</b> , 26-47	6
230	Gene Transfer into Mouse Stem Cells. <b>1986</b> , 185-198	1
229	Roles of cyclin-dependent kinase inhibitors: lessons from knockout mice. <b>1998</b> , 227, 105-20	17
228	Identification of Genes with Large Effects. <b>1990</b> , 477-494	8
227	The Introduction of Genes into Mouse Embryos and Stem Cells. <b>1992</b> , 440-458	3
226	Use of Transgenic Animals in the Study of Neuropeptide Genes. <b>1993</b> , 145-167	4
225	Generation and Application of Transgenic Rabbits. 1998, 561-586	4
224	Transgenesis in Rabbits. <b>1998</b> , 107-142	1
223	Transgenic Livestock as Bioreactors. <b>1998</b> , 161-175	1
222	Transgenic Rabbits to Prepare Pharmaceutical Proteins. <b>2009</b> , 65-75	1
221	Gene insertion: Role and limitations of technique in farm animals as a key to growth. 1988, 87-97	1
220	Transgenic animals for human diseases and gene therapy. <b>1990</b> , 213-221	1
219	Phenotypic and Patho-Morphological Characteristics in a Half-Sib-Family of Transgenic Mice Carrying Foreign MT-HGH Genes. <b>1988</b> , 93-98	8
218	Integration of HGH Gene in Transgenic Mice and Transmission to Next Generation. 1988, 331-336	4
217	Genetic Engineering for Improved Crop Disease Resistance. <b>1984</b> , 491-524	4
216	The Creation of Transgenic Sheep for Increased Wool Productivity. <b>1988</b> , 465-477	4

### (2004-1991)

215	Fertilization, Early Development, and Embryo Transfer. <b>1991</b> , 279-313	1
214	Production of Transgenic Swine by DNA Microinjection. <b>2002</b> , 307-336	5
213	Production of Transgenic Nonhuman Primates. <b>2002</b> , 359-394	3
212	Vector Design for Transgene Expression. <b>2002</b> , 419-458	4
211	Gene Expression during Spermatogenesis. <b>1993</b> , 181-232	23
210	Trends in Teratocarcinoma Research. <b>1987</b> , 37-72	1
209	Position Effects and Gene Expression in the Transgenic Mouse. <b>1984</b> , 123-134	2
208	Production of Transgenic Swine. <b>1994</b> , 315-338	2
207	Conventional and nonconventional uses of growth hormone. <b>1993</b> , 48, 179-235	18
206	Growth Hormone and Metabolism. <b>1993</b> , 93-115	14
206	Growth Hormone and Metabolism. <b>1993</b> , 93-115  Hormones Involved in Regulation of Muscle Differentiation and Growth. <b>1993</b> , 445-467	14
205	Hormones Involved in Regulation of Muscle Differentiation and Growth. <b>1993</b> , 445-467	1
205	Hormones Involved in Regulation of Muscle Differentiation and Growth. 1993, 445-467  Manipulation of Animal Growth. 1993, 541-557  RECOMBINANT GENE TRANSFER IN ANIMALS: THE POTENTIAL FOR IMPROVING GROWTH IN	1
205	Hormones Involved in Regulation of Muscle Differentiation and Growth. 1993, 445-467  Manipulation of Animal Growth. 1993, 541-557  RECOMBINANT GENE TRANSFER IN ANIMALS: THE POTENTIAL FOR IMPROVING GROWTH IN LIVESTOCK. 1986, 293-313	1 1 1
205 204 203 202	Hormones Involved in Regulation of Muscle Differentiation and Growth. 1993, 445-467  Manipulation of Animal Growth. 1993, 541-557  RECOMBINANT GENE TRANSFER IN ANIMALS: THE POTENTIAL FOR IMPROVING GROWTH IN LIVESTOCK. 1986, 293-313  INSERTION OF GROWTH HORMONE GENES INTO PIG EMBRYOS. 1989, 181-188	1 1 1 9
205 204 203 202 201	Hormones Involved in Regulation of Muscle Differentiation and Growth. 1993, 445-467  Manipulation of Animal Growth. 1993, 541-557  RECOMBINANT GENE TRANSFER IN ANIMALS: THE POTENTIAL FOR IMPROVING GROWTH IN LIVESTOCK. 1986, 293-313  INSERTION OF GROWTH HORMONE GENES INTO PIG EMBRYOS. 1989, 181-188  Protein turnover and energy metabolism in animals: interactions in leanness and obesity. 1988, 331-361	1 1 1 9

197	Quantitation of Metallothionein. <b>1996</b> , 371-391	2
196	Genetic modification of growth in fish species used in aquaculture: Phenotypic and physiological responses. <b>2020</b> , 38, 237-272	4
195	Analysis of upstream glucokinase promoter activity in transgenic mice and identification of glucokinase in rare neuroendocrine cells in the brain and gut <b>1994</b> , 269, 3641-3654	194
194	Chemically induced murine erythroleukemia cell differentiation is severely impaired when cAMP-dependent protein kinase activity is repressed by transfected genes <b>1992</b> , 267, 16161-16167	12
193	Metallothionein-vasopressin fusion gene expression in transgenic mice. <b>1989</b> , 264, 18844-18852	29
192	Mutations in the third alpha-helix of bovine growth hormone dramatically affect its intracellular distribution in vitro and growth enhancement in transgenic mice. <b>1991</b> , 266, 2252-2258	44
191	Cell-specific post-translational processing of preproglucagon expressed from a metallothionein-glucagon fusion gene <b>1986</b> , 261, 9637-9643	64
190	Receptor-mediated gene delivery and expression in vivo <b>1988</b> , 263, 14621-14624	420
189	Stimulation of growth hormone synthesis by glucose in islets of Langerhans isolated from transgenic mice <b>1986</b> , 261, 12915-12917	8
188	A transgenic mouse model that is useful for analyzing cellular and geographic differentiation of the intestine during fetal development. <b>1989</b> , 264, 8419-8429	34
187	Hormonal control of interacting promoters introduced into cells by retroviruses. <b>1991</b> , 266, 8416-8425	13
186	Evidence for more than two metallothionein isoforms in primates <b>1985</b> , 260, 3672-3675	22
185	Understanding adipose tissue development from transgenic animal models. <b>2002</b> , 43, 835-860	46
184	Pituitary Gigantism. <b>1992</b> , 21, 633-647	21
183	Pronuclear microinjection. <b>2001</b> , 3, 209-20	70
182	Quantitative genetics of transgenic mice: components of phenotypic variation in body weights and weight gains. <b>1996</b> , 143, 1753-60	6
181	One hundred years of mouse genetics: an intellectual history. II. The molecular revolution (1981-2002). <b>2003</b> , 163, 1227-35	65
180	Introduction and expression of the bacterial genes cysE and cysK in eukaryotic cells. <b>1993</b> , 59, 892-8	6

#### (2020-1992)

179	Tissue-specific, developmental, hormonal, and dietary regulation of rat phosphoenolpyruvate carboxykinase-human growth hormone fusion genes in transgenic mice. <i>Molecular and Cellular Biology</i> , <b>1992</b> , 12, 1007-1020	4.8	34
178	Developmental regulation of alpha-fetoprotein genes in transgenic mice. <i>Molecular and Cellular Biology</i> , <b>1985</b> , 5, 1639-1648	4.8	71
177	Promoter and enhancer elements from the rat elastase I gene function independently of each other and of heterologous enhancers. <i>Molecular and Cellular Biology</i> , <b>1987</b> , 7, 3466-3472	4.8	14
176	Itell expression of IGF-I leads to recovery from type 1 diabetes. 2002, 109, 1153-1163		101
175	Somatic gene therapy. Current status and future prospects. <b>1986</b> , 77, 1053-6		36
174	Effects of chronic growth hormone hypersecretion on intrinsic contractility, energetics, isomyosin pattern, and myosin adenosine triphosphatase activity of rat left ventricle. <b>1990</b> , 86, 507-15		109
173	Targeted overexpression of IGF-I evokes distinct patterns of organ remodeling in smooth muscle cell tissue beds of transgenic mice. <b>1997</b> , 100, 1425-39		158
172	Beta cell expression of IGF-I leads to recovery from type 1 diabetes. <b>2002</b> , 109, 1153-63		54
171	SOCS2 negatively regulates growth hormone action in vitro and in vivo. <b>2005</b> , 115, 397-406		170
170	SOCS2 negatively regulates growth hormone action in vitro and in vivo. <b>2005</b> , 115, 397-406		92
169	Knock your SOCS off!. <b>2005</b> , 115, 233-6		36
168	Production of somatic and germline chimeras in the chicken by transfer of early blastodermal cells. <b>1990</b> , 108, 185-189		173
167	Gene transfer and genome-wide insertional mutagenesis by retroviral transduction in fish stem cells. <b>2015</b> , 10, e0127961		5
166	Generation of genetically modified mice using CRISPR/Cas9 and haploid embryonic stem cell systems. <b>2016</b> , 37, 205-13		7
165	Advances in genetic engineering of domestic animals. <b>2016</b> , 3, 1		4
164	Regulatory issues for genetically modified animals. <b>2020</b> , 7, 188		2
163	genome editing thrives with diversified CRISPR technologies. <b>2018</b> , 39, 58-71		8
162	Simple Recommendations for Improving Efficiency in Generating Genome-Edited Mice. <b>2020</b> , 12, 42-50		2

161	[The growth promoting activity of two different kinds of reconstructed terminators in transgenic common carp]. <b>2009</b> , 31, 831-6	1
160	[An update on the development of transgenic animal technology]. 2011, 33, 449-58	1
159	Quantitative analysis of nucleic acidsthe last few years of progress. <b>2004</b> , 37, 1-10	73
158	Functional genomics approach using mice. <b>2004</b> , 37, 122-32	8
157	The impact of molecular biology on the practice of medicine. <b>1987</b> , 147, 17-28	4
156	Mutagenesis induced by integration processes and evolution of nuclear genome. <b>2007</b> , 23, 172-187	6
155	Against Transgenic Animals (1992). <b>2000</b> , 95-138	1
154	Transgenic Rats and the Functional Genomics of Endocrine Systems. <b>2001</b> , 1-24	
153	DNA-Rekombinationstechnik. <b>2001</b> , 1219-1258	
152	Overexpression and Targeted Disruption of Genes Involved in the Control of Growth, Food Intake, and Obesity. <b>2001</b> , 339-370	
151	Neuroendocrine and Reproductive Functions in Transgenic Mice with Altered Growth Hormone Secretion and in Growth Hormone Receptor Gene Disrupted Mice. <b>2001</b> , 105-121	
150	Transgenic Technology.	
149	History of modern genetics in Germany. <b>2002</b> , 75, 1-29	
148	Tiermodelle in der biomedizinischen Forschung. <b>2003</b> , 299-339	
147	Genetic Engineering: Animal Cell Technology.	
146	Genetic Engineering of Animals. 2003,	1
145	Bibliography. <b>2006</b> , 371-415	
144	Risk-Based Approach to Foods Derived from Genetically Engineered Animals. <b>2006</b> , 205-216	

# (2012-2006)

143	Bioengineering of Farm Animals. <b>2006</b> , 1-20
142	Creating Animals for Cell Xenotransplantation. <b>2007</b> , 43-56
141	Medical and Agricultural Aspects of Lipids. <b>2007</b> , 703-781
140	Development and Applications of Transgenics in Biotechnology and Medicine. <b>2008</b> , 121-139
139	Cleavage and Implantation. 2009, 43-64
138	Current Developments in Genetically Manipulated Mice. 2009, 123-136
137	The Application of Transgenic Animals in MicroRNA Research. <b>2010</b> , 36, 1095-1100
136	Congenital Disorders of the Hypothalamo-Pituitary-Somatotrope Axis. 60-105
135	Laboratory Animal Genetics and Genetic Quality Control. 2010, 209-249
134	Designing Transgenes for Optimal Expression. <b>2011</b> , 43-56
133	Growth Factor Regulation of Fetal Growth. <b>2011</b> , 1958-1969
132	Growth Hormone and Translational Research: From the 'Bench' to the 'Bedside'. <b>2011</b> , 26, 285
131	[Advances of transgenic breeding in livestock]. 2011, 33, 459-68
130	Encyclopedia of Sustainability Science and Technology. <b>2012</b> , 10895-10923
129	Encyclopedia of Sustainability Science and Technology. 2012, 10814-10839
128	Regulation of Genetically Engineered Animals. <b>2012</b> , 301-315
127	Encyclopedia of Sustainability Science and Technology. <b>2012</b> , 10852-10863
126	Les modes de pr\(\mathbb{E}\)ence du saumon transg\(\mathbb{E}\)ique AquAdvantage Salmon\(\mathbb{I}\) dans la tentative de construction de son march\(\mathbb{I}\)2012, 98-113

125	Sustainable Food Production. <b>2013</b> , 1799-1827	
124	Sustainable Food Production. <b>2013</b> , 1755-1766	
123	Sustainable Food Production. <b>2013</b> , 1717-1741	
122	The Transfer of New Genes into Mice. <b>1984</b> , 135-140	
121	Expression of cloned genes in animal cells. <b>1984</b> , 179-218	
120	Tools of genetic manipulation. <b>1984</b> , 28, 301-17	
119	Gene Transfer in Living Organisms. <b>1984</b> , 134-152	
118	Introducing Genes into Mice and into Embryonal Carcinoma Stem Cells. <b>1984</b> , 127-133	
117	Creation of transgenic animals to study development and as models for human disease. <b>1985</b> , 41, 317-37	5
116	BIBLIOGRAPHY. <b>1985</b> , 224-246	
115	Use of transgenic mice with human MHC class 1 gene (HLA-A2). <b>1985</b> , 186, 341-7	4
114	Practical Applications of Human Genetics and the Biological Future of Mankind. <b>1986</b> , 614-641	
113	History of genetic engineering of laboratory and farm animals. <b>1986</b> , 37, 127-38	1
112	Modification of the germ line in animals. <b>1986</b> , 135-146	
111	Molecular biology of zinc. <b>1986</b> , 207-219	
110	Improved production, by means of biomolecular engineering methods, of substances for: - animal husbandry (particularly vaccines and hormones),- agro-food industries. <b>1986</b> , 297-558	
109	Embryo transfer in animals. <b>1986</b> , 4, 249-78	1
108	Direct Alteration of a Gene in the Human Genome. <b>1986</b> , 92-97	

Expression of the bovine growth hormone gene in cultured rodent cells. 1986, 37, 19-37 107 Mammalian gene transfer and gene expression. 1986, 205, 319-49 106 Der Fetus als Patient. 1987, 167-181 105 Expression of Foreign Genes in Transgenic Mice. 1987, 180-186 104 Developmental and hormonal regulation of neuroendocrine gene transcription. 1987, 43, 499-534 103 3 Experimental Approaches to the Preimplantation Ova with Emphasis on Cytoplasmic Factors, Cell 102 Cycle and Intercellular Connections. 1987, 196-212 Genetic engineering, chromosome analysis and sex determination. 1987, 105-111 101 Molecular genetics and neurological disease: basic principles and methods. 1988, 1-21 100 In Vitro Fertilization, Manipulation of Eggs and Embryos, and Subsequent Transplantation. 1988, 160-182 99 98 Genthempie am Menschen. 1988, 252-280 Gene transfer for increased animal growth. 1988, 77-85 97 Structure and expression of growth hormone-releasing hormone (GHRH) genes. 1989, 217-230 96 Alteration of the genome as a method to increase diversity in animal germplasm resources. 1989, 293-309 95 Prospective Developments in Laboratory Animals. 1989, 61-69 94 Expression of the Bovine 1 ICasein cDNA in CHO Cells. 1989, 168-170 93 Transgenic Mice Gold Mine for Furthering Knowledge in Pathobiology. 1989, 277-295 92 Gentherapie und Genmanipulation 1989, 115-127 91 Ethische Diskussion der Gentherapie am Menschen. 1991, 240-290 90

89	GENETIC MANIPULATION OF ANIMALS WITH SPECIAL REFERENCE TO EXPRESSION OF GROWTH HORMONE AND GROWTH RELEASING HORMONE GENE CONSTRUCTS. <b>1992</b> , 315-330
88	Hormone Production in Neuroendocrine Tumours of Transgenic Mice. <b>1992</b> , 146-152
87	Osteoblast-specific expression of growth hormone stimulates bone growth in transgenic mice.  Molecular and Cellular Biology, <b>1992</b> , 12, 5541-5547
86	An Ovine Metallothinein <b>P</b> ig Somatotropin Fusion Gene Promotes Growth in Transgenic Rabbits and Pigs. <b>1993</b> , 479-482
85	?????????. <b>1993</b> , 19, 8-10
84	Transgenic Animals as Bioreactors for Therapeutic and Nutritional Proteins. <b>1993</b> , 129-141
83	Transgenic fish Ligene transfer to increase disease and cold resistance. <b>1993</b> , 31-40
82	Potential to Alter Carcass Composition through Genetically Modified Animals. <b>1994</b> , 285-301
81	Transgenic Animals and the Study of Gonadal Function. <b>1994</b> , 253-271
80	Endocrine-Immune Interactions in Pituitary Pathology. <b>1994</b> , 243-252
79	Fish IGF-I and IGF-II: Age-Related and Tissue- Specific Expression and Transgenesis. <b>1994</b> , 127-135
78	Biotechnology for Muscle Food Enhancement. <b>1994</b> , 527-543
77	Growth Hormone and Immune Function in the Elderly. <b>1995</b> , 277-290
76	Biotechnologie als Grundlage neuer Verfahren in der Tierzucht. <b>1995</b> , 244-287
75	Role of Growth Hormone in the Promotion of Linear Skeletal Growth. <b>1995</b> , 94-106
74	Tiermodelle in der biomedizinischen Forschung. <b>1997</b> , 338-358
73	Reducing the fat content by removal of excess fat and by selection. <b>1997</b> , 118-149
72	The application of gene transfer techniques to marine resource management: recent advances, problems and future directions. <b>1997</b> , 263-278

71	Transgenic Livestock. <b>1997</b> , 453-471		
70	Engineering the Genome. <b>1998</b> , 351-375		
69	Site-Directed Mutagenesis. 1998, 361-381		
68	A Historical Perspective on Chromosome Structure, Function, and Behavior. <b>1998</b> , 7-21		
67	RECOMBINANT PROTEIN EXPRESSION IN TRANSGENIC MICE. <b>1999</b> , 367-397		
66	???????????????????????????? Journal of the Society of Biomechanisms, <b>1999</b> , 23, 203-209	O	
65	Microinsemination Using Spermatogenic Cells in Mammals. <b>1999</b> , 189-202		
64	Knock-in of Enhanced Green Fluorescent Protein or/and Human Fibroblast Growth Factor 2 Gene into Ecasein Gene Locus in the Porcine Fibroblasts to Produce Therapeutic Protein.  **Asian-Australasian Journal of Animal Sciences, 2014, 27, 1644-51	2.4	1
63	VerEderungen im Genom: Mutationen. <b>2015</b> , 399-458		
62	Modification of Animal Products for Fat and Other Characteristics. <b>2015</b> , 55-89		1
61	References. <b>2015</b> , 225-236		
60	Transgenic farm animals: status of the current researches and the future. <i>Ecological Genetics</i> , <b>2015</b> , 13, 58	0.5	1
59	Transgenesis and Future Applications for Cavefish Research. 2016, 379-392		
58	Animal models and biomedical research. <b>2016</b> , 267-288		
57	Regulatory Dysfunction inhibits the Development and Application of Transgenic Livestock for Use in Agriculture. <b>2018</b> , 149-167		1
56	Chapter '5. Decisions without scientists?. <i>Controversies</i> , 87-108	0.1	
55	DNA barcoding reveals that injected transgenes are predominantly processed by homologous recombination in mouse zygote.		
54	Transfish: The Multiple Origins of Transgenic Salmon. <i>Risk, Systems and Decisions</i> , <b>2020</b> , 51-63	0.7	

53	Verliderungen im Genom: Mutationen. <b>2020</b> , 493-568		
52	Cryopreservation of Mouse Sperm for Genome Banking. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2180, 401	-411.2	O
51	CHANGING THE GENES OF MICE. 1983, 415-427		
50	Therapeutic Strategies for Protein Wasting States. <b>1983</b> , 343-354		
49	REGULATION OF GROWTH HORMONE GENE EXPRESSION. <b>1983</b> , 267-275		
48	Transgenic Salmon for Aquaculture. <b>1999</b> , 101-105		
47	MUTANT MOUSE: bona fide Biosimulator for the Functional Annotation of Gene and Genome Networks. <b>2008</b> , 179-194		
46	Transgenic Farm Animals. <b>2008</b> , 3-20		
45	In Vivo Murine Cytokine Models and the Genesis of Cancer. <b>2007</b> , 199-209		
44	Tiermodelle in der biomedizinischen Forschung. <b>2008</b> , 207-241		
43	Designing Transgenes for Optimal Expression. <b>2011</b> , 43-56		О
42	Inducibility of metallothionein throughout the cell cycle. <i>Molecular and Cellular Biology</i> , <b>1984</b> , 4, 2243-2	224.5	2
41	Analysis of a transgenic mouse containing simian virus 40 and v-myc sequences. <i>Molecular and Cellular Biology</i> , <b>1985</b> , 5, 642-648	4.8	19
40	Differentiation, not determination, regulates muscle gene activation: transfection of troponin I genes into multipotential and muscle lineages of 10T1/2 cells. <i>Molecular and Cellular Biology</i> , <b>1985</b> , 5, 2423-2432	4.8	47
39	Meiotic expression of human ornithine transcarbamylase in the testes of transgenic mice. <i>Molecular and Cellular Biology</i> , <b>1988</b> , 8, 1821-1825	4.8	4
38	Recurrent Aneuploidic and Euploidic Abortion. <i>Obstetrics and Gynecology Clinics of North America</i> , <b>1987</b> , 14, 1099-1113	3.3	1
37	Regulation of expression of a sheep metallothionein 1a-sheep growth hormone fusion gene in transgenic mice. <i>Molecular and Cellular Biology</i> , <b>1989</b> , 9, 5473-5479	4.8	17
36	Dominant dwarfism in transgenic rats by targeting human growth hormone (GH) expression to	13	14

35	Expression of foreign genes from retroviral vectors in mouse teratocarcinoma chimaeras. <i>EMBO Journal</i> , <b>1985</b> , 4, 3701-9	13	17
34	DNA binding properties of glucocorticosteroid receptors bound to the steroid antagonist RU-486. <i>EMBO Journal</i> , <b>1984</b> , 3, 751-5	13	28
33	Recombinant DNA in medicine. Western Journal of Medicine, 1984, 141, 210-22		5
32	Studies on the expression of an H-2K/human growth hormone fusion gene in giant transgenic mice. <i>EMBO Journal</i> , <b>1986</b> , 5, 1877-83	13	25
31	Transfer of human and murine globin-gene sequences into transgenic mice. <i>American Journal of Human Genetics</i> , <b>1985</b> , 37, 295-310	11	7
30	Animal models of human disease. Pathology and molecular biology of spontaneous neoplasms occurring in transgenic mice carrying and expressing activated cellular oncogenes. <i>American Journal of Pathology</i> , <b>1989</b> , 135, 39-61	5.8	73
29	Mice transgenic for a vasopressin-SV40 hybrid oncogene develop tumors of the endocrine pancreas and the anterior pituitary. A possible model for human multiple endocrine neoplasia type 1. <i>American Journal of Pathology</i> , <b>1987</b> , 129, 552-66	5.8	54
28	Genetic engineering of a mouse: Dr. Frank Ruddle and somatic cell genetics. <i>Yale Journal of Biology and Medicine</i> , <b>2011</b> , 84, 117-24	2.4	7
27	Optimization of The Electroporation Conditions for Transfection of Human Factor IX into The Goat Fetal Fibroblasts. <i>Cell Journal</i> , <b>2013</b> , 14, 270-5	2.4	4
26	Introduction of genes into the germ line of animals. <i>Harvey Lectures</i> , <b>1984</b> , 80, 1-38		22
26 25	Introduction of genes into the germ line of animals. <i>Harvey Lectures</i> , <b>1984</b> , 80, 1-38  Expression of Growth Hormone Genes in Transgenic Mice. <b>1985</b> , 20, 123-132		22
		·91	
25	Expression of Growth Hormone Genes in Transgenic Mice. <b>1985</b> , 20, 123-132	-91	1
25 24	Expression of Growth Hormone Genes in Transgenic Mice. <b>1985</b> , 20, 123-132  Growth hormone and its modulation. <i>Journal of the Royal College of Physicians of London</i> , <b>1988</b> , 22, 84-	.91 4.3	3
25 24 23	Expression of Growth Hormone Genes in Transgenic Mice. 1985, 20, 123-132  Growth hormone and its modulation. <i>Journal of the Royal College of Physicians of London</i> , 1988, 22, 84-  Transgenic animals. 2022, 171-208		1 3 1
25 24 23 22	Expression of Growth Hormone Genes in Transgenic Mice. 1985, 20, 123-132  Growth hormone and its modulation. <i>Journal of the Royal College of Physicians of London</i> , 1988, 22, 84-  Transgenic animals. 2022, 171-208  Mice with gene alterations in the GH and IGF family. <i>Pituitary</i> , 2021, 1  Towards progressive regulatory approaches for agricultural applications of animal biotechnology	4.3	1 3 1
25 24 23 22 21	Expression of Growth Hormone Genes in Transgenic Mice. 1985, 20, 123-132  Growth hormone and its modulation. <i>Journal of the Royal College of Physicians of London</i> , 1988, 22, 84-  Transgenic animals. 2022, 171-208  Mice with gene alterations in the GH and IGF family. <i>Pituitary</i> , 2021, 1  Towards progressive regulatory approaches for agricultural applications of animal biotechnology <i>Transgenic Research</i> , 2022, 1	4.3	1 3 1

Animal Breeding Methods and Sustainability. **2022**, 1-20

16	La modificacili del cligo genlico. <i>Tarbiya Revista De Investigaci</i> li E Innovacili Educativa, <b>2021</b> ,	O
15	Analysis of transcriptional regulation of the s38 chorion gene of Drosophila by P element-mediated transformation. <b>1984</b> , 83, 137-146	O
14	Programmed development in the mouse embryo. <b>1984</b> , 83, 197-231	1
13	Historical DNA Manipulation Overview. Methods in Molecular Biology, 2022, 3-28	1.4
12	AAV infection of bovine embryos: Novel, simple and effective tool for genome editing. <b>2022</b> , 193, 77-86	1
11	Biotechnology in public and rural health. <b>2022</b> , 21-30	0
10	Generation of Gene Edited Pigs. <b>2022</b> , 71-130	O
9	Gentechnik in hBeren Organismen Transgene Tiere und Gentherapie. <b>2022</b> , 887-895	0
8	Animal Breeding Methods and Sustainability. <b>2023</b> , 5-24	O
7	Welfare Considerations with Regard to Transgenic Animals. <b>1995</b> , 4, 81-85	1
6	Genetically Modified Animals, Welfare and UK Legislation. <b>1995</b> , 4, 163-170	o
5	Phenotypical and Functional Characterization of the CD8+ T Cell Repertoire of HLA-A2.1 Transgenic, H-2K b °D b ° Double Knockout Mice. <b>1999</b> , 163, 2555-2560	5
4	Past, present and future prospect on microinjection gene transfer in aquaculture. <b>2023</b> , 1137, 012040	0
3	Opportunities and challenges in aquaculture biotechnology. <b>2023</b> , 15-23	0
2	Genome editing: A potential tool for enhancing livestock production. <b>2023</b> , 277-300	O
1	Transgenesis and Genome Engineering: A Historical Review. <b>2023</b> , 1-32	0