

PATENTS

Recent patent applications in transgenics

Patent #	Subject	Assignee	Author	Date	Status
US 9719390	New KUZ polypeptides, members of the ADAM family of metalloprotease; useful in neural partitioning and development.	Univ. California (Oakland, CA); Yale Univ. (New Haven, CT)	Pan D, Rooke J, Rubin GM, Xu T, Yavari R	7/23/97	A1
AU 977801	Iron-regulated promoter useful in site-specific chromosomal integration, especially of foreign antigen genes into chromosomes of attenuated <i>Salmonella typhimurium</i> strains for live vaccine production.	Australian Wool Res. & Promotion Board; CSIRO	Brahmbaht THN, Burn A, Emery D	7/9/97	A1
WO 97JP2349 JP 96262252	Hematopoietic stem cell growth factor; useful for, e.g., treatment and diagnosis of hematopoietic cell abnormalities and bone marrow inhibition.	Kyowa Hakko Kogyo (Tokyo)	Hiraoka A, Mio H, Sugimura A	7/7/97	A1
US 9748933	Vectors containing transgene(s) encoding β -adrenergic signaling proteins; useful for gene therapy of congestive heart failure.	Collateral Therapeutics (San Diego, CA); Univ. California (Oakland, CA)	Hammond HK, Gao M, Insel PA, Ping P, Post SR	6/16/97	A2
US 97866942	Transgenic cells for screening for regulators of gene expression—comprise mutant of native allele encoding a reporter under control of native gene expression regulatory sequences; useful in drug screening.	Tularik (S. San Francisco, CA)	Amaral MC, Chen J, de la Brousse FC, Learned RM, McKnight SL	5/31/97	A1
US 9738685	New isolated mammalian β -defensin-1 gene(s)—used to develop products for treating microbial infections, e.g., respiratory conditions susceptible to microbial infection such as cystic fibrosis.	Magainin Pharmaceuticals (Plymouth Meeting, PA); Univ. Pennsylvania (Philadelphia, PA)	Anderson M, Bals R, Goldman M, Stolzenberg ED, Wilson JM, Zasloff M	2/18/97	A1
JP 96347090	Targeting DNA by reaction with homologous probe and recombinase—with addition of heterologous probe to increase efficiency and sensitivity; useful for in situ hybridization, gene therapy, cloning of genes, gene mapping, etc.	Daikin Ind. Ltd. (Osaka, Japan)	Kigawa K, Kusumi K, Mukai E, Obata K, Yamanaka M	12/26/96	A1
WO 96US18003 US 96705484	Isolated toxins from <i>Photobacterium luminescens</i> strains; useful for control of insect pests.	Wisconsin Alumni Res. Found. (Madison, WI)	Blackburn MB, Bowen DJ, Ciche TA, Ensign JC, Fatig R, French-Constant RH, Guo L, Hey TD, Merlo DJ	11/6/96	A1
US 96729061	Recombinant adeno-associated virus (AAV); suitable for expression in skeletal muscle, used to produce secreted proteins, e.g., dystrophin for treating muscular dystrophy.	Univ. Pennsylvania (Philadelphia, PA)	Fisher KJ, Wilson JM	10/10/96	A2
US 9625853	New plant retrovirus SIRE-1; useful for, e.g., genetic engineering in plants.	Loyola Univ. (Chicago, IL)	Laten HM	9/9/96	A1
US 9625323	Recombinant adeno-associated virus (AAV) production using <i>cre</i> recombinase and <i>loxP</i> sites; useful in genetic engineering and gene therapy.	Univ. Pennsylvania (Philadelphia, PA)	Phaneuf D, Wilson JM	9/6/96	A1
US 9624702	Identifying antioxidant compounds for therapy using homozygous transgenic mice in which the genes encoding manganese superoxide dismutase have been inactivated.	Duke Univ. (Durham, NC); Emory Univ. (Atlanta, GA)	Crapo JD, Day BJ, Melov SL, Wallace DC	9/6/96	A1
US 9625505	New anti-atherosclerotic peptide(s)—have an amphipathic helical motif as the structural and functional domain and mimic human apoA-I.	UAB Res. Found. (Birmingham, AL)	Anantharamaiah GM, Garber DW	9/5/96	A2
DE 1035917	Expression cassette protecting plants against inhibitors of adenylysuccinate synthase, which encodes microbial form of this enzyme, together with related vectors, microorganisms, and transgenic plants resistant to these inhibitors when used as herbicides.	BASF AG (Ludwigshafen, Germany)	Badur R, Lerchl J, Schiffer H, Schmidt R, Sonnewald U	9/4/96	A2
US 96707399	DNA encoding lipid metabolic pathway polypeptide(s); useful for treatment of cardiovascular disease or modulation of lipid uptake or metabolism.	Millennium Pharmaceuticals (Cambridge, MA)	Acton S, Gimeno CJ	9/4/96	A1
WO 96US14041	Transgenic mouse susceptible to collagen induced arthritis—comprises human HLA-DQ transgene representing HLA-DQ allele associated with susceptibility to rheumatoid arthritis in humans.	Mayo Found. (Rochester, MN)	David S, Luthra S, Zanelli E	8/30/96	A1
US 9624877	Inhibiting immune response to adenoviral vectors—using antibody to CD40 ligand present on CD4-positive T cells, particularly for treatment of cystic fibrosis; allows repeated administration of vector.	Genzyme (Cambridge, MA)	Kaplan JM, Scaria A	8/30/96	A1

Source: Derwent Information, Alexandria, VA. *The patents in the table are pending. The status of each application is slightly different from country to country. For further details, contact Derwent Information, 1725 Duke St., Suite 250, Alexandria, VA 22314. Tel: 1 (800) DERWENT (info@derwent.com).