

Recent patent applications in animal models

Patent number	Description	Assignee	Inventor	Priority application date	Publication date
WO 2013039271	An animal model, e.g., Primates, Rodentia other than mice, Lagomorpha, Insectivore, Carnivora, Perissodactyla or Artiodactyla, of frontal lobe dysfunction with a cobalt wire implanted to its frontal lobe; useful for screening a substance for alleviating frontal lobe dysfunction.	Korea Advanced Institute of Science and Technology (Daejeon, South Korea)	Kim DS, Kim JJ	9/16/2011	3/21/2013
JP 2013048606	A method of preparing a hepatitis B onset human hepatocytes chimeric animal model, by administering anti-asialo GM1 antibody, clodronate and human blood mononuclear cells to the human hepatocytes chimeric animal model infected with the hepatitis B virus.	Hiroshima University (Hiroshima, Japan)	Chayama K	8/31/2011	3/14/2013
US 20130061339	A method for diagnosing impulse control disorders, autism and Parkinson's disease, comprising measuring a reductive capacity in a sample of bodily fluid from a patient. The method also claims an animal model for trichotillomania.	Purdue Research Foundation (W. Lafayette, IN, USA)	Garner J, Lossie AC, Vieira GDLT	8/3/2011	3/7/2013
WO 2013029472	A composition useful for extracting circulating unrelated nucleated rare cells from the blood of a disease animal model, where the unrelated nucleated rare cells are circulating solid tumor cells of epithelial origin, circulating vascular endothelial cells or tumor stem cells.	Lu H	Lu H	8/30/2011	3/7/2013
JP 2013042693	A method for preparing nephrotic syndrome animal model, involving causing nephrin abnormality between epithelial cells of kidney glomerulus by administering antibody against full-length nephrin cDNA to a non-human animal and developing symptoms of nephrotic syndrome in the animal model.	Kitasato Gakuen (Tokyo)	Kamata K, Okamoto T	8/24/2011	3/4/2013
WO 2013028871	A cell of an inducible transgenic mouse that is a model of lung cancer; useful for screening a therapeutic agent for treating lung cancer and lung remodeling disease, e.g., emphysema or chronic obstructive pulmonary disease.	University of South Florida (Tampa, FL, USA)	Dave VG	8/23/2011	2/28/2013
WO 2013026059	Inhibiting tumor growth in a subject, involving producing an orthotopic nonhuman mammal model of pancreatic cancer and administering to a subject an agent that inhibits granulocyte macrophage colony stimulating factor and/or an agent that inhibits myeloid-derived suppressor cell activity under conditions effective to inhibit tumor growth in the subject.	New York University (New York)	Bar-Sagi D, Lee KE, Pylayeva-Gupta Y	8/18/2011	2/21/2013
JP 2013034401	A glial cell-specific expression vector, and a nonhuman mammal obtained by introducing the vector into its cerebellum and expressing the target gene; useful as animal model for cerebellum disruptive disease.	Gunma University (Maebashi, Japan)	Hirai H	8/4/2011	2/21/2013
WO 2013017551	A method of inducing an increase in intraocular pressure in an animal used as model of glaucoma, by performing ocular administration of a solution comprising benzalkonium chloride.	Institut National de la Santé et de la Recherche Médicale (Paris)	Baudouin C, Denoyer A, Godefroy D, Rostene W	7/29/2011	2/7/2013
WO 2013017545	Transgenic mouse or mouse cell comprising functional human leukocyte antigen (HLA)-A2 and HLA-DP4 transgenes; useful for developing monitoring biomarkers, evaluating innovative vaccines and immunotherapies and decrypting the correlation between some DP4-restricted response and disease prevention or pathogenesis.	Institut National de la Santé et de la Recherche Médicale (Paris)	Lone YC	7/29/2011	2/7/2013

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