

Diacrin Incorporated

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Diacrin is developing transplantable cells for the treatment of human diseases which are characterized by cell dysfunction or cell death and for which current therapies are either inadequate or nonexistent. Products under development for the treatment of neurological disorders include: NeuroCell(TM)-PD for Parkinson's disease and NeuroCell(TM)-HD for Huntington's disease, both of which are being developed in a joint venture with Genzyme Corporation ("Genzyme"), NeuroCell(TM)-FE for focal epilepsy, porcine neural cells for stroke and intractable pain and spinal cord cells for spinal cord injury. Also under development are hepatocytes for acute liver failure and for cirrhosis, myoblasts for cardiac disease and retinal epithelial cells for macular degeneration.

Recent Publications by Diacrin Incorporated:



- [An overview of myoblast transplantation for myocardial regeneration.](#)
Regenerative medicine represents a new frontier in treatment of disease,... 16th September, 2005
Diacrin, Inc., Charlestown, MA, USA.- Am Heart Hosp J. 2005 Summer;3(3):146-52.
- [A novel monoclonal antibody inhibits the immune response of human cells against porcine cells: identification of a porcine antigen homologous to CD58.](#)
BACKGROUND: Human CD58 is an adhesion molecule that interacts with CD2 on... 1st July, 2004
Diacrin, Inc. Charlestown, MA, USA.- Transplantation. 2004 Apr 27;77(8):1288-94.
- [Long-term survival of fetal porcine lateral ganglionic eminence cells in the hippocampus of rats.](#)
Embryonic porcine brain tissue from the lateral ganglionic eminence was... 20th June, 2000
Diacrin, Inc., Department of Cell Transplantation, Charlestown Navy Yard,- J Neurosci Res. 1999 Jun 15;56(6):581-94.



Diacrin Incorporated Patents:

- 6821779- [Methods for storing neural cells](#)
- 6204053- [Porcine cortical cells and their use in treatment of neurological deficits due to neurodegenerative diseases](#)
- 6140116- [Isolated and modified porcine cerebral cortical cells](#)
- 6096537- [Cells with multiple altered epitopes on a surface antigen for use in transplantation](#)
- 5961972- [Isolated porcine pancreatic cells for use in treatment of diseases characterized by insufficient insulin activity](#)
- 5919449- [Porcine cardiomyocytes and their use in treatment of insufficient cardiac function](#)
- 5837236- [Isolated porcine pancreatic cells for use in treatment of diseases characterized by insufficient insulin activity](#)
- 5679340- [Cells with multiple altered epitopes on a surface antigen for use in transplantation](#)
- 5677174- [Isolated porcine pancreatic cells for use in treatment of diseases characterized by insufficient insulin activity](#)
- 5629194- [Isolated porcine pancreatic cells for use in treatment of diseases characterized by insufficient insulin activity](#)
- 5593673- [Isolated porcine pancreatic cells for use in treatment of diseases characterized by insufficient insulin activity](#)
- 6258353- [Porcine neural cells and their use in treatment of neurological deficits due to neurodegenerative diseases](#)
- 6277372- [Porcine neural cells and their use in treatment of neurological deficits due to neurodegenerative diseases](#)
- 6713245- [Methods for storing neural cells such that they are suitable for transplantation](#)
- 6673604- [Muscle cells and their use in cardiac repair](#)
- 6610288- [Porcine hepatocytes for use in treatment of disorders characterized by insufficient liver function](#)
- 6521448- [Porcine MHC class I genes and uses thereof](#)
- 6517833- [Neural retinal cells and retinal pigment epithelium cells and their use in treatment of retinal disorders](#)
- 6491912- [Porcine cardiomyocytes and their use in treatment of insufficient cardiac function](#)
- 6444205- [Transplantation of neural cells for the treatment of chronic pain or spasticity](#)
- 6432711- [Embryonic stem cells capable of differentiating into desired cell lines](#)
- 6294383- [Porcine neural cells and their use in treatment of neurological deficits due to neurodegenerative diseases](#)
- 6284245- [Neural retinal cells and retinal pigment epithelium cells and their use in treatment of retinal disorders](#)
- 5543316- [Injectable culture medium for maintaining viability of myoblast cells](#)

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