



## PRESS RELEASE

### PsychoGenics Obtains an Exclusive License to the APP/PS1 Transgenic Mouse Model of Alzheimer's Disease

TARRYTOWN, N.Y., August 21, 2013 – PsychoGenics announced today that it has obtained an exclusive license from the University of South Florida to its APP/PS1 double transgenic mice (US Patent No. 5,898,094), co-expressing the M146L presenilin 1(PS1) mutation and the double mutations at K670N/M671L (Swedish mutation) in the amyloid precursor protein (APP).

The APP/PS1 mice were developed by Drs. Karen Duff and John Hardy and extensively studied in collaboration with Drs. David Morgan and Marcia Gordon at the University of South Florida. The mice exhibit age-related cognitive impairment and an associated increase in Abeta (1-42). At eight months the mice show a selective impairment of spatial memory which gets progressively worse with age and at 22 months is accompanied by reduced glucose utilization in the hippocampus, a 35% loss of neurons in the CA1 region of the hippocampus, and substantially elevated Abeta load.

“This APP/PS1 mouse model has been extensively characterized and we are delighted to be able to offer it to our clients to help advance Alzheimer's Disease drug discovery. Using our proprietary behavioral testing platforms and other capabilities, we intend to further characterize the model and hope to be able to identify early onset and robust behavioral and physiological measures, as well as translational biomarkers, as we have done for other neurodegenerative disorders such as Huntington's Disease,” remarked Dr. Emer Leahy, President and CEO of PsychoGenics.

“The APP/PS1 mouse model together with PsychoGenics' broad preclinical capabilities offer the Alzheimer's Disease research community valuable tools in its quest for novel treatments for this devastating disease,” commented Dr. Donna Herber, Senior Licensing Manager at the University of South Florida.

#### About PsychoGenics

PsychoGenics is a leader in *in vivo* phenotypic drug discovery. The Company applies its proprietary technology platforms in partnership with pharmaceutical and biotechnology companies to discover the next generation of drugs for neuropsychiatric disorders. PsychoGenics' capabilities also include standard behavioral testing, electrophysiology, molecular biology, and state-of-the-art microdialysis and dendritic spine analysis. In addition, the company offers a variety of in-licensed transgenic mouse models that support research in areas such as Huntington's Disease, Autism spectrum disorders, psychosis/schizophrenia, Parkinson's Disease, Spinal Muscular Atrophy (SMA), Muscular Dystrophy and other muscle disorders. For more information on PsychoGenics Inc. visit [www.psychogenics.com](http://www.psychogenics.com)

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