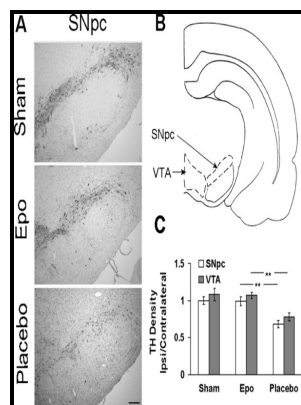


Evaluation of neonatal dopamine-depletion in the rat as a model of attention-deficit hyperactivity disorder

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Notes: Thesis (M.A.) -- University of Toronto, 1998.

This edition was published in 1998



Filesize: 26.17 MB

Tags: #Evaluation #of #animal #models #of #neurobehavioral #disorders

Perinatal 6

Further evidence that self-mutilatory behavior induced by L-dopa is related to D 1 dopamine receptors. These testables need to be defined operationally.

Evaluation of animal models of neurobehavioral disorders

Often, the original study will suffer from poor statistical power due to the small number of animals involved.

Perinatal 6

Construct validity expresses the goodness of fit between the relationship of the manipulations i. Increasing the generalizability or external validity of a model. Weighing the animal's welfare and considerations as to whether action is indicated to reduce the discomfort must accompany the scientific evaluation at any stage of the model building and evaluation process.

CiteSeerX — An evaluation of neonatal dopamine

We emphasize the role of systematic and extended replications in the course of the validation process. As a consequence of striatal dopaminergic denervation, reactive serotonergic hyperinnervation of striatum ensues.

Evaluation of animal models of neurobehavioral disorders

The quality of this reproduction is dependent upon the quality of the copy submitted. Endophenotypes may be behavioral, i. Face validity Face validity is the degree of descriptive similarity between, for example, the behavioral dysfunction seen in an animal model and in the human affected by a particular neurobehavioral disorder.

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