

Reply from the author:

Dr. Freidman suggests that the amelioration in performance in a test of working memory which we observed following hippocampal stimulation of rats with prior transection of hippocampal/septal connections may be related to critical regional changes in dopamine concentration. Explanations of this effect implicating a single neurotransmitter will likely prove simplistic. It may be that activation

of certain elements of the anatomical systems we are studying attributes appropriate internal context to external stimuli, and in this case a variety of neurotransmitter systems and trophic factors may prove important.

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