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Alzheimer's Disease Paper Published in *Science* by New Brain Institute Investigator

Henriette van Praag, Ph.D., associate professor, Biomedical Science, College of Medicine, and a newly recruited member of the Brain Institute, co-authored a paper in *Science*. The paper titled, "Combined adult neurogenesis and BDNF mimic exercise effects on cognition in an Alzheimer's mouse model," focused on the cellular mechanisms underlying the beneficial effects of exercise on memory function in the 5xTG mouse model of Alzheimer's disease. Male and female mice given pharmacological and genetic treatments that imitated the neurogenic and neurotrophic effects of exercise in the hippocampus, a brain area important for learning and memory, showed similar cognitive performance as mice running three hours per day. [Learn More.](#)