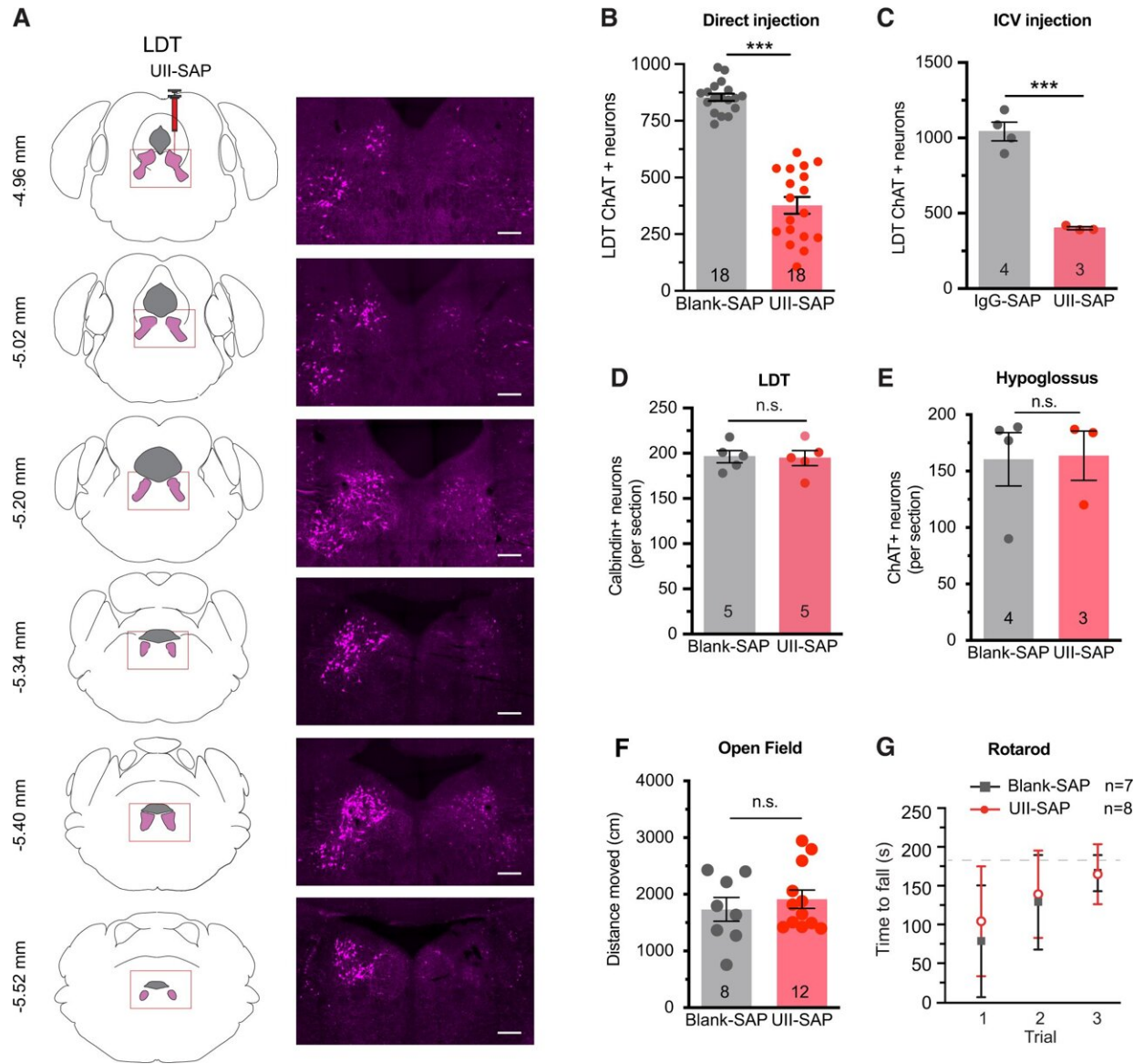


# Link between sleep apnea and dementia, according to a study in mice

November 8 2022



Urotensin II-saporin induces specific lesions of cholinergic neurons at

mesopontine tegmentum. A Diagrams and photomicrographs of coronal sections of the brainstem, the right column being immunostained for ChAT-positive neurons within the laterodorsal tegmental nucleus (LDT) following unilateral direct injection of UII-saporin (UII-SAP) into the right mesopontine tegmentum (MPT). Scale bar = 200  $\mu\text{m}$ . Images are representative of N = 3 animals. B Direct injection bilateral of UII-SAP into the MPT reduces the number of ChAT-positive neurons within the LDT compared with Blank-SAP injections (P

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