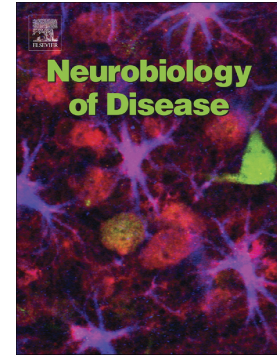


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Frontotemporal dysregulation of the SNARE protein *interactome* is associated with faster cognitive decline in old age

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Abbreviations: 1-D, one-dimension; 2-D, two-dimension; Alzheimer's disease, AD; ANCOVA, analysis of covariance; APP, amyloid precursor protein; BA, Brodmann's area; BN-PAGE, blue native-PAGE; BSA, bovine serum albumin; Ca²⁺, inorganic calcium ion; CERAD, Consortium to Establish a Registry for AD; CPLX, complexin; DC, detergent compatible; EDTA, ethylenediaminetetraacetic acid; ELISA, enzyme-linked immunoadsorbant assay; FDR, false discovery rate; GABA, gamma-aminobutyric acid; HLA-DR, human leukocyte antigen - antigen D-related; IP, immunoprecipitation; IT, inferior temporal gyrus; M18, munc18-1; MAP, Memory and Aging Project; MCI, mild cognitive impairment; MF, middle-frontal gyrus; MMSE, mini-mental score examination; NCI, no cognitive impairment; NFTs, neurofibrillary tangles; NIA, National Institute on Aging; PAGE, polyacrylamide gel electrophoresis; PBS, phosphate-buffered saline; PMI, postmortem interval; PPIs, protein-protein interactions; PVDF, polyvinylidene difluoride; SDS, sodium dodecyl sulfate; SNAP25, synaptosome-associated protein 25; SNARE, soluble N-ethylmaleimide-sensitive factor attachment protein receptor; STX1, syntaxin-1; TBS, Tris-buffered saline; VAMP, vesicle-associated membrane protein; WT, wild-type.

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