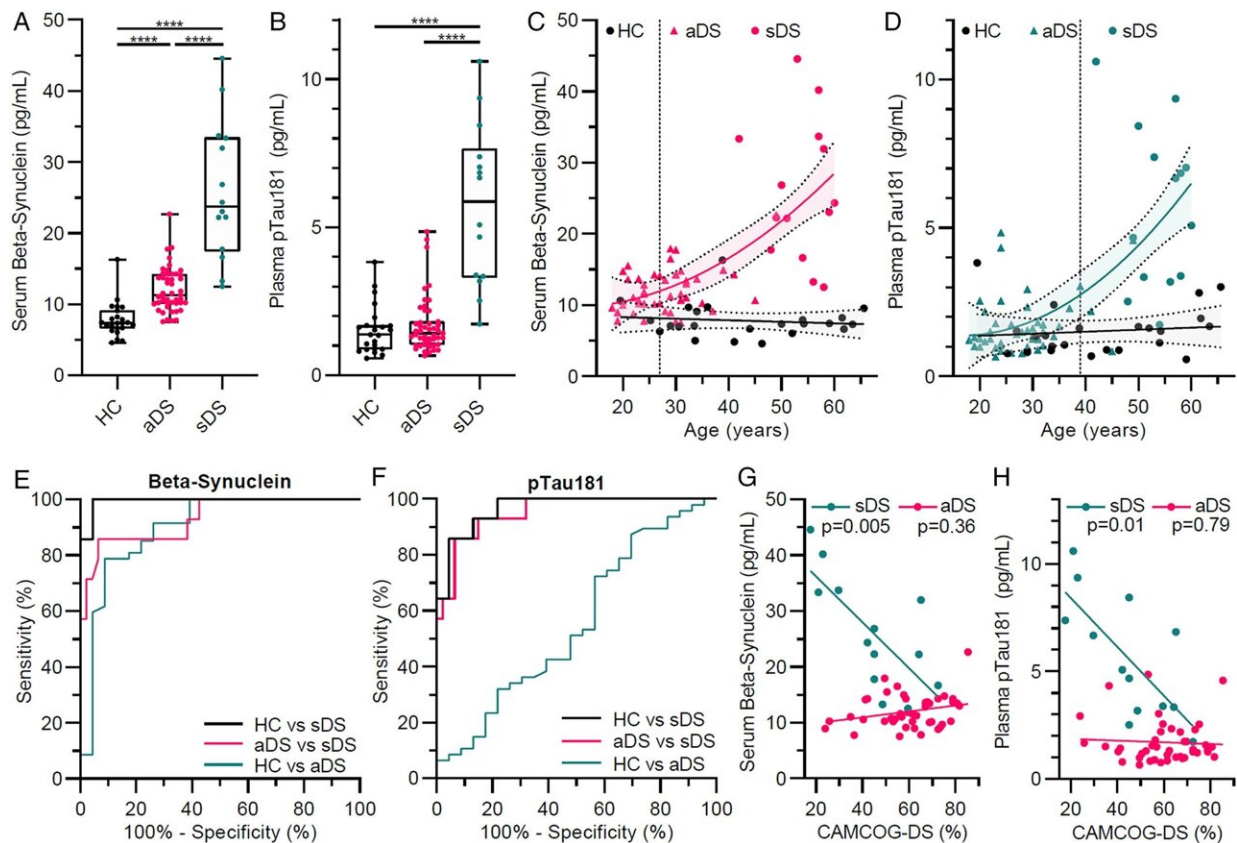


Dementia: Blood levels could point to early loss of neuronal connections

June 27 2022, by Marcus Neitzert



Group comparisons, correlation analyses, and diagnostic performance of serum beta-synuclein and plasma pTau181. (A) Serum beta-synuclein and (B) plasma pTau181 levels were compared between euploid healthy controls without neurological disease (HC, n = 23) and adults with Down syndrome (DS) diagnosed with Alzheimer disease (symptomatic, sDS, n = 14) or without AD (asymptomatic, aDS, n = 47). Groups were compared with multiple linear regression after log₂ transformation of biomarker levels and with age and sex as covariates. Boxes are median and interquartile range; whiskers are minimum and

maximum. ****p

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