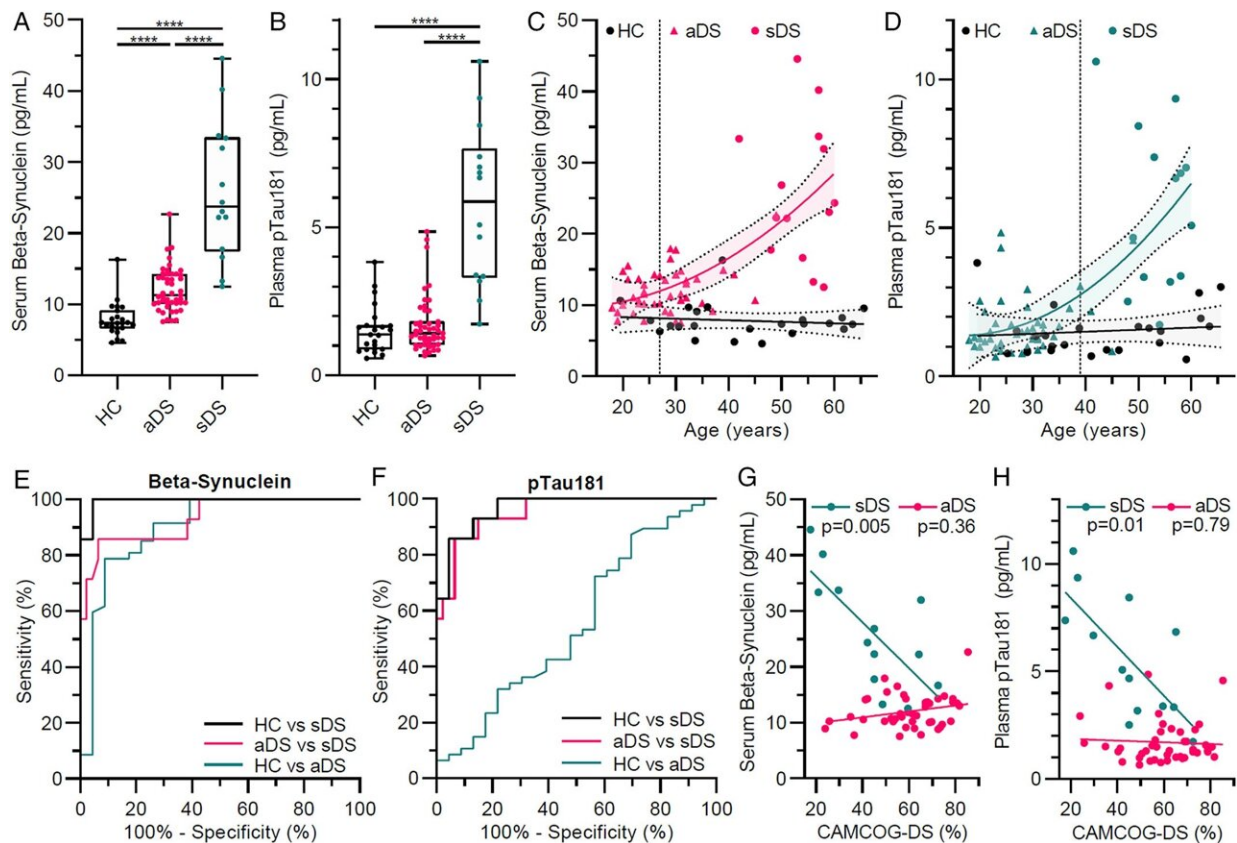


# Dementia: Blood levels could point to early loss of neuronal connections

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 log<sub>2</sub> transformation of biomarker levels and with age and sex as covariates. Boxes are median and interquartile range; whiskers are minimum and

maximum. \*\*\*\*p

Citation: Dementia: Blood levels could point to early loss of neuronal connections (2022, June 27) retrieved 3 May 2024 from <https://medicalxpress.com/news/2022-06-dementia-blood-early-loss-neuronal.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.