

Summary of ADx Contributions

Plenary Sessions

Title	First Author	Collaborator	Poster/oral
Blood based biomarkers	Charlotte Teunissen	AUMC	Tuesday, July 28 10u30-11u00

Virtual presentations (oral)

Title	First Author	Collaborator	Poster
Exploring molecular biomarkers with potential prognostic value in longitudinal observational studies on Alzheimer's disease	Eugeen Vanmechelen	Sant Pau/UCSD	S02-03-04, Tuesday July 28, 7u00-8u00
Cerebrospinal fluid tau biomarkers in the prediction and concordance of neurofibrillary tangle and amyloid pathology	Nicholas J. Ashton	UGOT	SCR2-09-04, Tuesday July 28, 8u30-8u55
A biorepository for the in-depth validation of pre-analytical sample handling effects on results of novel blood-based biomarkers for Alzheimer's disease: the first results	Inge Verberk	AUMC	
Amyloid , pTau, NfL, and GFAP as biomarkers for Alzheimer's disease	Elisabeth H. Thijssen	AUMC	(FRS)
Cerebrospinal fluid biomarker levels are not affected by aspiration or gravity drip extraction methods in Alzheimer's disease, the AIBL study	James Doecke	AIBL	

Posters

Title	First Author	Collaborator	Poster
VAMP2 is a cerebrospinal fluid marker of selective hippocampal synapse loss and episodic memory performance in Alzheimer's disease	Olivia Belbin	Sant Pau	Tuesday July 28
Quantifying the synaptic vesicle-associated protein, VAMP2 , to verify changes in cerebrospinal fluid in preclinical stages of Alzheimer's disease	Julie Goossens	ADx/Sant Pau	Tuesday July 28
CSF levels of the BACE1 substrate neuregulin 1 correlate with cognition and synaptic biomarkers in Alzheimer's Disease	François Mouton-Liger	INSERM, Paris	Tuesday July 28
Comparison of two analytical platforms for blood-based surrogate biomarkers of amyloid pathology	Steffi De Meyer	KU Leuven	
Development of an ultrasensitive multiplex assay for simultaneous detection of A β 1-42, A β 1-40, GFAP and NF-L in blood	Dandan Shan	Quanterix	