Stichting Alzheimer Onderzoek financiert 20 onderzoeksprojecten voor een totaal bedrag van 2.450.000 EUR

### Standard projecten

**Wim Vanden Berghe**
(UAntwerpen)

**Project:** Phosphopeptidome specific kinase inhibitor profiling of 2 Alzheimer’s disease modifying compounds Withaferin A and Saracatinib AZD0530

**Bedrag:** 75.000 EUR

**Koen Van Laere**
(KU Leuven)

**Project:** Synaptic density, tau and multiparametric PET-MR for quantitative functional assessment and prognosis in mild cognitive and mild behavioural impairment

**Bedrag:** 100.000 EUR

**Marleen Verhoye**
(UAntwerpen)

**Project:** Improved classification of Alzheimer’s disease: differentiation of slow propagating waves of BOLD intensity of dynamic rsfMRI in AD mice models in pre-plaque and post-plaque stages.

**Bedrag:** 150.000 EUR

**Vanessa Franssens**
(KU Leuven)

**Project:** Development of humanized yeast models to validate vesicular trafficking associated processes and vacuolar/lysosomal function in Alzheimer’s disease

**Bedrag:** 100.000 EUR

**Peter P. De Deyn**
(UAntw./Born-Bunge instituut)

**Project:** Monoaminergic and neuroinflammatory markers in Lewy body disease to improve differential dementia diagnosis

**Bedrag:** 100.000 EUR (*)

(*) met de steun van Fonds ‘Bonmariage de Bouyalski’ beheerd door de Koning Boudewijnstichting

**Karelle Leroy**
(ULB - Bruxelles)

**Project:** Implication of endogenous tau phosphorylation by GSK-3beta and CDK5 on the recruitment and propagation of tau pathology induced by PHF-tau proteins isolated from AD brains

**Bedrag:** 150.000 EUR

**Wim Annaert**
(VIB-KU Leuven)

**Project:** An integrated in vitro and in vivo study to unravel the function of VPS13C, the first genetic risk factor in Lewy Body disease

**Bedrag:** 150.000 EUR (*)

(*) cofinanciering door Fonds ‘Bonmariage de Bouyalski’ beheerd door de Koning Boudewijnstichting

**Eric Salmon**
(ULiège)

**Project:** Basal forebrain disconnection as an early stage of Alzheimer’s disease

**Bedrag:** 150.000 EUR (*)

(*) cofinanciering door Fonds ‘Aline’ beheerd door de Koning Boudewijnstichting
Project: Can we detect preclinical Alzheimer’s disease using blood tests and smartphone data?
Bedrag: 100.000 EUR

Project: Predicting cognitive decline through gene expression signatures of functional connectivity
Bedrag: 150.000 EUR

Project: Systematic preclinical evaluation of microRNA-132 as a therapeutic target in Alzheimer’s disease
Bedrag: 150.000 EUR

Project: Onset age modifier of GRN-related frontotemporal lobar degeneration
Bedrag: 75.000 EUR

Project: Molecular chaperones to decipher GSEC-APP interactions and provide mechanistic underpinnings for Alzheimer’s disease therapy
Bedrag: 150.000 EUR

Project: Targeting ABeta-induced tau pathology and its secondary effects, as key pathogenetic process in AD
Bedrag: 150.000 EUR

Application of multifunctional and high affinity nanobodies targeting Serum Amyloid P component, a generic constituent of amyloid fibres.
Bedrag: 150.000 EUR

Project: Investigation of the therapeutic applicability of IL1R and TNFR1 blockage in Alzheimer’s disease
Bedrag: 75.000 EUR

Project: Molecular mechanisms of Tau-associated presynaptic defects in Alzheimer’s
Bedrag: 150.000 EUR

Bedrag: 100.000 EUR

Project: Astrocyte driven recovery of neuronal loss in AD brain
Bedrag: 75.000 EUR (*)

(*) cofinanciering door Fonds ‘A.B.’ beheerd door de Koning Boudewijnstichting