

# Grant application awarded 2014

## **Delivery of recombinant AAV9 encoding an antibody against BACE1 to treat Alzheimer's disease**

€49 490

Awarded to S. Duque / In collaboration with the King Baudouin Foundation / Fund A.B  
VIB  
2015-2016

## **Perceiving bodily and cinematographic emotions in MCI due AD and early bv-FTD**

€50 000

Awarded to J. Van den Stock  
KU Leuven  
2015-2016

## **Characterization of early functional network alterations in olfactory system and its association with default mode network in the course of Alzheimer's disease**

€50 000

Awarded to K. Firat  
University of Antwerp  
2015-2016

## **How does soluble amyloid $\beta$ influence functional connectivity during progressive amyloidosis?**

€50 000

Awarded to J. Praet  
University of Antwerp  
2015-2016

## **Propagation of tau pathology by different human PHF-tau species: relationship with toxicity and phosphorylation**

€100 000

Awarded to J-P Brion / In collaboration with the King Baudouin Foundation / "Fund Aline"  
ULB  
2015-2016

## **Episodic memory and perceptual and conceptual integration in Alzheimer's disease**

€99 900

Awarded to C. Bastin  
University of Liège  
2015-2016

## **An exploratory genome-wide study of noncoding mutations in frontotemporal lobar degeneration**

€100 000

Awarded to M. Cruts  
University of Antwerp / VIB  
2015-2016

**Interactions between Abeta and apoE: Structural determination and their influence on Abeta peptide aggregation**

€92 000

Awarded to V. Raussens

ULB

2015-2016

**Bridging microscopy with nanotechnology to probe nanodomain organizations of distinct g-secretase complexes**

€100 000

Awarded to W. Annaert

VIB

2015-2016

**Analysis and therapeutic implications of choroid plexus functionality in Alzheimer's disease.**

€100 000

Awarded to R. Vandenbroucke

Ghent University / VIB

2015-2016

**Elucidation of disease mechanisms of frontotemporal dementia caused by C9orf72 repeat expansions using patient-derived induced pluripotent stem cells**

€100 000

Awarded to P. Van Damme

VIB

2015-2016

**Identification of novel genetic defects and post-genomic consequences leading to lewy body brain diseases**

€100 000

Awarded to J. Theuns

University of Antwerp / VIB

2015-2016