**Final Program**

**Day 1, October 10, 2013**

* 8:30 AM *Registration and coffee*
* 9:30 AM Welcome and introduction *Philip Scheltens*
* 9:35 AM Keynote lecture *Ellen Nollen (University Medical Centre Groningen)***Regulation of toxic protein aggregation in age-related neurodegenerative diseases**
* 10:30 AM *Coffeebreak @ Foyer*

***Session Genetics and Epigenetics***

* 11:00 AM Invited report *John van Swieten (Erasmus Medical Center)***Genetics of dementia: from patient to bench**
* 11:30 AM Selected talk *Henne Holstege (VU University Medical Center)*

**Introducing the “100-plus study”: preserved cognitive health at extreme old age**

* 11:45 AM Selected talk *Ellen Hubin (Vrije Universiteit Brussel)*

**Antiparallel β-sheet architecture of Italian-mutant amyloid-β fibrils and their effect on neurotoxicity**

* 12:00 PM Elevator pitches
  1. *Koen Bossers (Netherlands Institute for Neuroscience)*
  2. *Sandra Mulder (VU University Medical Center)*
  3. *Saskia van der Vies (VU University Medical Center)*
  4. *Juliette Kamp (Leiden University Medical Center)*
  5. *Nikolay Kuzmin (VU University)*
  6. *Susanne van Veluw (University Medical Center Utrecht)*
  7. *Erik Bakker (Academic Medical Center)*
  8. *Floor Duits (VU University Medical Center)*
  9. *Debby van Dam (University Medical Centre Groningen)*
  10. *Andrea Rosenberger (VU University Medical Center)*
* 12:30 PM *Lunch and postermarket @ Foyer*

***Session Vascular Pathology***

* 2:00 PM Invited report *Mat Daemen (Academic Medical Center)***The effects of cardiovascular dysfunction on cerebral structure and function**
* 2:30 PM Selected talk *Anne-Sophie Bronzwaer (Leiden University Medical Center)*

**Contribution of cardiac performance on cerebral perfusion ‘The heart-brain axis’**

* 2:45 PM Selected talk *Mieke* d*e Jager (VU University Medical Center)*

**The blood-derived transglutaminase Factor XIII forms complexes with Aβ and is both present and catalytically active in Aβ deposition in cerebral amyloid angiopathy**

* 3:00 PM Selected talk *Elisanne Biemans (Radboud University Nijmegen Medical Centre)*

**The hCMEC/d3 cell line is not suitable as a model for Aβ transport by the human blood-brain barrier**

* 3:15 PM Selected talk *Edo Richard (Academic Medical Center)*

**Vascular risk factors and the brain – can we prevent dementia?**

* 3:30 PM *Tea break @ Foyer*

***Session Disease Mechanisms I***

* 4:00 PM Invited report *Elly Hol (Netherlands Institute for Neuroscience)***Amyloid-β associated neuroinflammation and astrocyte dysfunction**
* 4:30 AM Selected talk *Divya Raj (University Medical Centre Groningen)*

**Priming of Microglia in a DNA-Repair Deficient Model of Accelerated Aging**

* 4:45 AM Selected talk *Guus Scheefhals (CrossBeta Biosciences)*

**Efficient Alzheimer's disease drug screening using stable Aβ1-42 oligomers**

* 5:00 PM Keynote lecture *Geert Jan Biessels (University Medical Center Utrecht)*

**Advanced MRI studies of the vascular burden in dementia**

* 6:00 PM *Drinks @ Foyer*

**Day 2, October 11, 2013**

* 8:30 AM *start with coffee*
* 9:30 AM Welcome and introduction *Philip Scheltens*
* 9:35 AM Keynote lecture *Dominic Walsh (Harvard Institute of Medicine, Boston MA, USA)*  
  **Coming to grips with brain-derived water-soluble Aβ and its interaction with the Prion protein**
* 10:30 AM *Coffee break @ Foyer*

***Session Disease Mechanisms II***

* 11:00 AM Invited report *Kerensa Broersen (University of Twente)*  
  **Molecular insight into amyloid beta peptide heterogeneity: a biophysics and in silico approach**
* 11:30 AM Selected talk *Céline Heldring (VU University)*

**Increased hippocampal extracellular matrix causes cognitive decline in a mouse model of Alzheimer’s disease**

* 11:45 AM Selected talk *Judith van der Harg (Academic Medical Center)*

**The metabolic syndrome and Alzheimer’s disease: The UPR as mechanistic connection**

* 12:00 PM Selected talk *Micha Wilhelmus (VU University Medical Center)*

**Tissue transglutaminase: a potential therapeutic target for Alzheimer’s disease overlooked**

* 12:15 PM Selected talk *Pieter Naudé (University Medical Centre Groningen)*

**Lipocalin 2: novel inflammatory actor in Alzheimer’s disease**

* 12:30 PM *Lunch and poster market @ Foyer*

***Session Early Diagnosis and Biomarkers***

* 2:00 PM Invited report *Marcel Verbeek (Radboud University Nijmegen Medical Centre)***CSF biomarkers for dementia disorders: more than Aβ and tau proteins?**
* 2:30 PM Selected talk *Carlo Sala Frigerio (VIB, Leuven)*

**Reduced expression of hsa-miR-27a-3p in the cerebrospinal fluid of Alzheimer disease patients**

* 2:45 PM Selected talk *Betty Tijms (VU University Medical Center)*

**Single Subject grey matter graphs in Alzheimer’s disease**

* 3:00 PM Selected talk *Özgül Uysal-Bozkir (Academic Medical Center)*
* **Diagnosis dementia in a Dutch migrant population: A new dementia screening battery for non-western migrant elders**
* 3:15 PM Selected talk *Bea Kuiperij (Radboud University Nijmegen Medical Centre)***CSF TDP-43 and tau levels improve discrimination of FTLD subtypes**
* 3:30 PM *Tea break @ Foyer*
* 4:00 PM Keynote lecture *Cees Stam (VU University Medical Center)***Fingerprints of dementia: complex brain networks and cognitive dysfunction**
* 5:00 PM *End & drinks @ Foyer*