

**ONWA Course** Degenerative diseases of the nervous system: from clinic to bench  
**Coordinators** Wiep Scheper (AMC) & Elly Hol (NIN)  
**Date:** 17-21 may 2010  
**Place:** Colloquiumroom Netherlands Institute for Neuroscience (NIN) and pathology room Academic Medical Center (AMC)

#### Monday May 17th Alzheimer's disease/other dementias

09.00-09.30	coffee and introduction	
09.30-10.15	Wiep Scheper	Amyloid Cascade hypothesis
10.15-11.00	Evelien Lemstra	Differential diagnosis of dementia
11.00-11.30	Coffee	
11.30-12.15	Eus van Someren	Sleep and dementia
12.15-13.15	Lunch	
13.15-14.00	Paul Lucassen	AD mouse models
14.00-14.45	Paula van Tijn	Zebrafish models of AD
14.45-15.15	Coffee	
15.15-16.00	Bart van Berckel	Neuroimaging in AD
16.00-16.45	Elly Hol	Astroglia in dementia

#### Tuesday May 18th Therapeutic approaches in neurodegenerative diseases

09.30-10.15	Eric Scherder	Neurorehabilitation in dementia
10.15-11.00	Wiep Scheper	Targeting the ER stress response
11.00-11.30	Coffee	
11.30-12.15	David Fisher	Target discovery and validation in Huntington's Disease with adenoviral shRNA technology
12.15-13.15	Lunch	
13.15-14.00	Joost Verhaagen	Gene therapy
14.00-14.45	Pim van Gool	Clinical trials in dementia: caveats and opportunities
14.45-15.00	coffee	
15.00-16.00	<b>Swammerdam lecture: Bart De Strooper</b> The secretases as targets for drug development in Alzheimer's Disease	

#### Wednesday May 19th HD/PD/ALS

09.30-10.15	Peter Heutink	Genetics of PD
10.15-11.00	Jan Booij	PET/SPECT imaging: PD
11.00-11.30	Coffee	
11.30-12.15	Eva Teuling	HD/PD? In c. Elegans
12.15-13.15	Lunch	
13.15-14.00	Eric Reits	polyQ cell biology
14.00-14.45	Aad Tibben	HD ethical aspects
14.45-15.15	Coffee	
15.15-16.00	Henk Berendse	PD clinical
16.00-16.45	Marianne de Visser	ALS clinical

**Thursday May 20th Neuropathological/Physicochemical and Clinical aspects of neurodegeneration**

09.00-09.45	Eleonora Aronica/Dirk Troost	Introduction to Neuropathology
09.45-10.00	Coffee	
10.00-12.00	Eleonora Aronica/Dirk Troost	Practical Neuropathology
12.00-13.00	Lunch	
13.00-13.45	Gijsje Koenderink	Physico chemical aspects of aggregates
13.45-14.30	Line De Kimpe	Abeta aggregation: A therapeutic target
14.30-15.00	Coffee	
15.00-15.45	Marina de Koning	Startle syndromes

**Friday May 21st White matter diseases/peripheral nerves**

09.30-10.15	Valeria Ramaglia	The complement in peripheral nerve injury and disease
10.15-11.00	Mark Verheijen	Mouse models of defective myeline membrane synthesis
11.00-11.30	Coffee	
11.30-12.15	Bob van Oosten	MS Clinical
12.15-13.15	Lunch	
13.15-14.00	Jack van Horssen	Mechanisms underlying MS pathology
14.00-14.45	Inge Huitinga	The stress axis in MS
14.45-15.15	Coffee	
15.15-16.00	Jeroen Geurts	White matter changes in MS: MRI
16.00-16.45	Gert Scheper	Vanishing white matter