

MHeNs certificate

## 2014

**Stephanie Vos;** February 20, 2014; *The Role of biomarkers in preclinical and prodromal Alzheimer's disease*; Supervisor: Prof.dr. F.R. Verhey; Co-supervisor: Dr. P.J. Visser.

**Eva Bollen;** December 23, 2014; *Cyclic nucleotide signaling and plasticity*; Supervisors: Prof.dr. H.W.M. Steinbusch / Prof.dr. R. D'Hooge, KU Leuven; Co-supervisor: Dr. J. Prickaerts.

## 2015

**Nick van Goethem;** Juni 25, 2015;  *$\alpha 7$  nicotinic acetylcholine receptors and memory processes: mechanistic and behavioral studies*; Supervisor: Prof.dr. H.W.M. Steinbusch; Co-supervisor: Dr. J. Prickaerts.

**Nicole Leibold;** Juni 25, 2015; *A Breath of fear; a translational approach into the mechanisms of panic* ; Supervisor: Prof.dr. H.W.M. Steinbusch; Co-supervisors: Dr. K.R.J. Schruers / Dr. D.L.A. van den Hove.

**Peggy Spauwen;** September 23, 2015; *Cognition and Type 2 diabetes; the interplay of risk factors*; Supervisors: Prof.dr. F. Verhey / Prof.dr. C. Stehouwer; Co-supervisor: Dr. M. van Boxtel.

**Martin Gevonden;** September 25, 2015; *The odd one out: exploring the nature of the association between minority status and psychosis*; Supervisors: Prof.dr. J-P. Selten / Prof.dr. J. Booij, Uva / Prof.dr. I. Myin-Germeys.

**Sanne Smeets;** November 12, 2015; *Insights into insight: studies on awareness of deficits after acquired brain injury*; Supervisors: Prof. C. van Heugten / Prof. R. Ponds; Co-supervisor: Dr. I. Winkens.

## 2016

**Anja Moonen;** Maart 24, 2016; *Emotion and Cognition in Parkinson's disease; etiology and neurobiological mechanisms*; Supervisor: Prof.dr. F.R.J. Verhey; Co-supervisor: Dr. A.F.G. Leentjens.

**Lizzy Boots;** July 1, 2016; *Balanced and Prepared; development and evaluation of a supportive e-health intervention for caregivers of people with early-stage dementia*. Supervisors: Prof.dr. F.R.J. Verhey; Prof.dr. G.I.J.M. Kempen; Co-Supervisor: Dr. M.E. de Vugt.

**Willemijn Jansen;** November 25, 2016; *The Path of Alzheimer's disease: from neuropathology to clinic*; Supervisor: Prof. dr. F.R.J. Verhey; Co-Supervisors: Dr. P-J Visser; Dr. I. Ramakers.

**Joao Casaca Carreira;** December 8, 2016; *Making sense of Antisense Oligonucleotides Therapy in Experimental Huntington's Disease* Supervisor: Prof.dr. Y. Temel; Co-Supervisors: Dr. A. Jahanshahi ; Dr. W. van Roon-Mom.

**Mark van den Hurk;** December 13, 2016; *Neuronal Identity and Maturation: Insights from the Single-Cell Transcriptome*; Supervisors: Prof.dr. H.W.M. Steinbusch; Prof.dr. B.P.F. Rutten; Co-Supervisors; Dr. G. Kenis; Dr. C. Bardy, Adelaide.

**Joany Millenaar;** December 22, 2016; *Young onset dementia; towards a better understanding of care needs and experiences*; Supervisors: Prof.dr. F. Verhey; Prof.dr. R. Koopmans, RUN; Co-Supervisors: Dr. M. de Vugt; Dr. C. Bakker, RUN.

## 2017

**Rosalie van Knippenberg;** March 17, 2017; *Experience sampling in dementia care; an innovative intervention to support caregivers in daily life*; Supervisors: Prof.dr. F. Verhey; Prof.dr. R. Ponds; Prof.dr. I. Myin-Germeys, KU Leuven; Co-Supervisor: Dr. M. de Vugt.

**Kay Deckers;** May 11, 2017; *The role of lifestyle factors in primary prevention of dementia; an epidemiological perspective*; Supervisor: Prof.dr. F. Verhey; Co-Supervisors: Dr. M. van Boxtel; Dr. S. Köhler.

**Pim Heckman;** July 4, 2017; *Targeting phosphodiesterase type 4 for improving cognitive fronto-striatal functioning: a translational approach*; Supervisor: Prof.dr. J.G. Ramaekers; Co-supervisor: Dr. J.H.H.J. Prickaerts, Dr. A. Blokland.

**Roy Lardenoije;** September 7, 2017; *A venture into the epigenetics of aging and Alzheimer's Disease*; Supervisors: Prof.dr. B.P.F. Rutten, Prof.dr. H.W.M. Steinbusch; Co-supervisors: Dr. D. van den Hove, Dr. C.A. Lemere.

**Iris Lange;** November 9, 2017; *Should I stay or should I go ? Brain mechanisms underlying fear and safety learning, and exposure therapy outcome*; Supervisors: Prof.dr. K.R.J. Schruers, Prof.dr. T.A.M.J. van Amelsfoort; Co-Supervisor: Dr. L. Goossens.

**Renske Uiterwijk;** December 7, 2017; *Cognitive function and cerebral small vessel disease in hypertension*; Supervisor: Prof.dr. R.J. van Oostenbrugge; Co-Supervisor: Dr. J.E.A. Staals.

**Elles Douven;** December 8, 2017; *Depression And Apathy After Stroke: The Influence Of Risk Factors On Their Development And Course*; Supervisor: Prof.dr. F. Verhey; Co-supervisors: Dr. P. Aalten ; Dr. J. Staals.

## 2018

**Babette Reijs;** February 21, 2018; *Cognitive correlates of cerebrospinal fluid biomarkers for Alzheimer's disease*; Supervisor: Prof.dr. F.R.J. Verhey; Co-Supervisors: Dr. P.J. Visser, Dr. I.H.G.B. Ramakers.

**Isabelle Bos;** October 12, 2018; *Biomarkers of Alzheimer's disease; relations with vascular factors and cognition in the pre-dementia stages*; Supervisors: Dr. P.J. Visser; Prof.dr. F. Verhey; Co-Supervisor: Dr. S. Bos.

**Stijn Michielse;** October 19, 2018; *Road work ahead; cerebral pathways mediating Psychological mechanisms underlying the psychosis spectrum*; Supervisor: Prof.dr. J. van Os; Co-Supervisor: Dr. M. Marcelis.

**Liselotte Kerpershoek**; December 5, 2018; *Access to formal dementia care; A European perspective*; Supervisors: Prof.dr. F. Verhey; Prof.dr. M. de Vugt; Prof. B. Woods, Bangor University, UK; Co-Supervisor: Dr. C. Wolfs.

## 2019

**Bianca de Greef**; March 15, 2019; *Small fiber neuropathy: from underlying conditions to treatment*; Supervisor: Prof.dr. C.A. Faber; Co-Supervisors: Dr. I.S.J. Merkies; dr. J.G.J. Hoeijmakers.

**Marielle Pruppers**; October 17, 2019; *Peripheral Neuropathies: Standardizing Functional Assessment*; Supervisor: Prof.dr. C.A. Faber; Prof.dr. N.C. Notermans, UU; Dr. I.S.J. Merkies.

**Niels Janssen**; November 15, 2019; *Patterns and pathways. Indicators for potential improvements of dementia care*; Supervisors: Prof.dr. F. Verhey; Prof.dr.mr. S. Evers; Co-Supervisor: Dr. R. Handels.

## 2020

**Simone Verhagen**; January 10, 2020; *The power of individual landscapes; A clinical exploration of personal experience sampling and new horizons*; Supervisors: Prof.dr. P.A.E.G Delespaul; Prof.dr J. van Os UM/UU; Co-Supervisor: Dr. C. Simons.

**Roel van Reij**; September 17, 2020; *Genetic Risk Factors in prediction and treatment of Chronic Post-Surgical Pain*; Supervisor: Prof. dr. E.A.J. Joosten; Co-Supervisor: Dr. N.J. van den Hoogen.

**Angélique Gruters**; December 18, 2020; *Neuropsychological Assessment at the Memory Clinic: Innovations in communicating neuropsychological test results in the diagnostics of dementia*. Supervisor: Prof. dr. V.C.G. Tjan-Heijnen; Co-supervisors: Dr. L.E.M. Duijm, Canisius Nijmegen, Dr. A.C. Voogd.

## 2021

**Sophie Leijdesdorff**; 9 April 2021; *Ain't no mountain high enough - How to improve access to youth mental health care*; Supervisors: Prof.dr. T.A.M.J. van Amelsvoort; Prof.dr. A. Popma, AMC; Co-supervisor: Dr. R.M.C. Klaassen, AMC.

**Danique Hellebrekers**; 23 April 2021; *Neurocognition and behaviour: diagnostic work-up and interventions in Duchenne and Becker muscular dystrophy*. Supervisors: prof.dr. J.S.H. Vles, dr. J.G.M. Hendriksen; Co-supervisor: dr. S. Klinkenberg.

**Alix Thomson**; 21 May 2021; *From Micro to Macro: Unravelling the Underlying Mechanisms of Transcranial Magnetic Stimulation (TMS)*. Supervisor: prof.dr. A. Sack; Co-supervisors: dr. T. Schumann; dr. T. de Graaf; dr. G. Kenis.

**Christian Bertens**; 07 June 2021; *Development of a non-invasive ocular drug delivery device*. Supervisor: prof.dr. R. Nuijts; Co-supervisors: dr. M. Gijs; dr. F.J.H.M. van den Biggelaar.

**Renzo Riemens;** 05 November 2021; *Neuroepigenomics in Alzheimer's disease: The single cell Adds*. Supervisors: Prof. dr. D. van den Hove, Prof. dr. B. Rutten, Prof. dr. Th. Haaf, Julius-Maximilians-Universität Würzburg; Co-supervisors: Dr. G. Kenis, Prof. dr. C. Förster, Julius-Maximilians-Universität Würzburg, Prof. Dr. K-P Lesch, Julius-Maximilians-Universität Würzburg.

## 2022

**Elles Nelissen;** 23 February 2022; *Soluble guanylate cyclase as a novel target for cognition enhancement*. Supervisors: Prof. Dr. J. Prickaerts; Co-Supervisor: Dr. T. Vanmierlo; Dr. P. Sandner, Bayer AG, Germany.

**Irene Heger;** 24 March 2022; *Towards primary prevention of dementia - Raising awareness for dementia risk reduction in the general population*. Supervisors: Dr. S. Köhler; Prof. dr. F. Verhey; Co-Supervisor: Dr. M. van Boxtel.

**Fleur Domensino;** 3 June 2022; *The whole is greater than the sum of its parts: Assessment after acquired brain injury*. Supervisors: Prof. dr. C. van Heugten, Prof. dr. C. van Bennekom, Universiteit van Amsterdam; Co-Supervisors: Dr. I. Winkens, Dr. J.C.M. van Haastregt.

**Olin Janssen;** 17 June 2022; *Novel Perspectives from Existing Data on Early Alzheimer's Disease Pathology and Dementia Care Use*. Supervisor: Dr. P. Visser; Co-supervisors: Dr. W. Jansen, Dr. S. Vos.

**Chris Choe;** 06-09-2022; *Affective symptomatology in the prodromal and early stages of dementia: The role of the kynurenine pathway and systemic inflammation*. Supervisors: Prof. dr. Bart P.F. Rutten, Prof. dr. Daniël L.A. van den Hove; Co-Supervisors: Dr. Gunter Kenis, Dr. Sebastian Köhler.

**Mignon Schichel;** 30-09-2022; *Age-friendly municipalities in a cross-border context : Lessons learned from implementing the Senior Friendly Communities project in the Meuse-Rhine Euroregion*. Supervisors: Prof. dr. F.R.J. Verhey, Prof. dr. G.I.J.M. Kempen, Prof. dr. M.E. de Vugt; Co-Supervisor: Dr. M.Y. Veenstra.

**Faris Almasabi;** 12-10-2022; *Deep brain stimulation in tinnitus: Insights from the pathophysiology and mechanism of action*. Supervisor: Prof.dr. Yasin Temel; Co-Supervisors: Dr. Ali Jahanshahi; Dr. Marcus L.F. Janssen.

**Maud Daemen;** 15 July 2022; *Sampling the self Investigating and improving self-esteem in pathways to psychopathology*. Supervisor: Prof. dr. T.A.M.J. van Amelsvoort; Co-Supervisors: Prof. dr. U. Reininghaus, Heidelberg University.

## 2023

**Melissa Schepers;** 22-05-2023; *PDE4 gene inhibition – a novel approach to treat demyelinating disorders*. Supervisors: Prof. dr. T. Vanmierlo, Prof. dr. J. Prickaerts; Co-Supervisors: Prof. dr. N. Hellings, Prof. dr. B. Rutten.

**Maurice Sopacua;** 27-06-2023; *Improving assessments in the Diagnosis of Small Fiber Neuropathy*. Supervisors: Prof. dr. C. Faber; Prof. dr. I. Merkies Dr. J. Hoeijmakers.

**Ghazi Al Jowf**; 06-09-2023; *Biomedical and Public Health Studies on Susceptibility to Post-Traumatic Stress Disorder*. Supervisor: Prof. dr. B. Rutten; Co-Supervisors: Dr. L. Eijssen; Dr. L. de Nijs.

**Faisal Alosaimi**; 12-07-2023; *Monoaminergic neurotransmitter systems underlie therapeutic and side effects of deep brain stimulation*. Supervisor: Prof. dr. Yasin Temel, Dr. Ali Jahanshahi; Co-Supervisor: Dr. Sarah-Anna Heschem.

**Assia Tiane**; 06-06-2023; *Relieving the epigenetic blockade in progressive MS – making remyelination accessible again*. Supervisors: Prof. Dr. T. Vanmierlo, Universiteit Hasselt; Prof. Dr. D. van den Hove, Universiteit Maastricht; Co-Supervisor: Prof. dr. N. Hellings, Universiteit Hasselt; Prof. dr. J. Prickaerts, Universiteit Maastricht.

**Dean Paes**; 17-11-2023; *Picking the best isoform PDE4D isoforms as therapeutic targets in Alzheimer's disease*. Supervisors: Prof. dr. Daniël van den Hove, Maastricht University, Dr. Tim Vanmierlo, Hasselt University; Co-Supervisor: Prof. dr. Niels Hellings, Hasselt University. Double degree.

## 2024

**Mayra Pachado**; 18-03-2024; *A Network Medicine Approach to Dementia: Diagnostics and Therapeutic Applications*. Supervisor: Prof. dr. Harald H.H.W. Schmidt. Co-Supervisor: Dr. Ana I. Casas Guijarro .

**Stephanie van Asbroeck**; 18-06-2024; *Targeting modifiable risk and protective factors to prevent dementia: From observation to application*. Supervisor: Prof. Dr. Sebastian Köhler, Universiteit Maastricht. Co-Supervisors: Dr. Kay Deckers, Universiteit Maastricht Dr. Martin P.J. van Boxtel, Universiteit Maastricht.

**Veerle van Gils**; 28-06-2024; *The role of diabetes and vascular burden in Alzheimer's disease: A pathophysiological perspective*. Supervisor: Prof. Dr. P.J. Visser, Universiteit Maastricht. Co-Supervisors: Dr. S.J.B. Vos, Universiteit Maastricht; Dr. W. Jansen, Universiteit Maastricht.

**Julie Oomens**; 22-10-2024; *Lifestyle, Alzheimer's disease pathophysiology and cognition Working towards protection and prevention*. Supervisor: Prof. dr. P.J. Visser, Universiteit Maastricht. Co-Supervisors: Dr. W.J. Jansen, Universiteit Maastricht Dr. S.J.B. Vos, Universiteit Maastricht.

**Lieve van Veghel**; 23-10-2024; *All you can EAAT3: restoring myelin, the brain's favourite fat*. Supervisor: Prof. dr. Tim Vanmierlo, Universiteit Hasselt; Dr. Rudy Schreiber, Universiteit Maastricht. Co-Supervisor: Prof. dr. Niels Hellings, Universiteit Hasselt; Dr. Hanne Diliën, Universiteit Maastricht.  
Double Doctorate Degree Maastricht - Hasselt University

**Nina Possemis**; 29-10-2024; *Diagnostics and phosphodiesterase 4 inhibition intervention within the cognitive spectrum: From Healthy Ageing to Dementia*; Supervisors: Prof. dr. Frans R.J. Verhey, Maastricht University; Prof. dr. Arjan Blokland, Maastricht University. Co-Supervisor: Dr. Inez H.G.B. Ramakers, Maastricht University.

**Ben Rombaut;** 11-12-2024; *Out-of-control microglia cause cognitive deficits through excessive synaptic elimination in alzheimer's disease.* Supervisors: Prof. dr. Tim Vanmierlo, Universiteit Hasselt & Prof. dr. Daniel van den Hove Universiteit Maastricht. Co-Supervisors: Prof. dr. Bert Brône Universiteit Hasselt & Dr. Inez Wens Universiteit Maastricht.

***Double Doctoral Degree Universiteit Hasselt/tUL en Universiteit Maastricht***

**2025**

**Daphne ter Huurne;** January 10, 2025; *Neuropsychological assessment and automatic speech analysis in the memory clinic.* Supervisors: Prof. dr. Marjolein E. de Vugt; Prof. dr. Frans R.J. Verhey, Maastricht University. Co-supervisor: Dr. Inez H.G.B. Ramakers, Maastricht University.

**Guillaume Carey;** January 15, 2025; *Imaging Anxiety in Parkinson's Disease.* Supervisors: Prof. Dr. Albert F.G. Leentjens, Maastricht University; Prof. Dr. Kathy Dujardin. Co-Supervisor: Dr. Mark L. Kuijf, Maastricht University.

**Nina Engels;** February 6, 2025; *The Locus Coeruleus: Blueprint Towards Identifying Preclinical Alzheimer's Disease.* Supervisor: Dr. Heidi I.L. Jacobs. Co-Supervisor: Dr. Maxime F. van Egroo

**Paulien Voorter;** March, 21, 2025; *Unveiling pathophysiological mechanisms in cerebral small vessel disease. Novel insights from quantitative MRI.* Supervisor: Prof. dr. ir. W. Backes, Maastricht University/ Maastricht UMC. Co-Supervisors: Prof. dr. J. Jansen, Maastricht University/ Maastricht UMC+; Prof. dr. R. van Oostenbrugge, Maastricht University/ Maastricht UMC+.

**Aysun Damci;** April 8, 2025; *Biopsychosocial perspective of small fiber neuropathy.* Supervisors: Prof. Dr. C. Faber, Maastricht University/ MUMC+; Prof. Dr. A. Verbunt, Maastricht University/ Adelante Zorggroep. Co-Supervisors: Dr. J. Hoeijmakers, MUMC+; Dr. M. den Hollander, Maastricht University/ Adelante Zorggroep.

**Daniel Uher;** April 14, 2025; *Advanced image processing in focal epilepsy: Applications of ultra-high field mri and hybrid pet-mri.* Supervisors: Prof. Dr. Ir. W. Backes, Maastricht University / MUMC+; Prof. Dr. J. Jansen, Maastricht University / Maastricht UMC+| TU Eindhoven. Co-Supervisors: Dr. O. Schijns, Maastricht University / MUMC+; Dr. A. Colon, Maastricht University /Kempnaeghe.

**Jette de Vos;** April 15, 2025; *Body, brain and emotions: The interplay between peripheral- and central neural processes in the subjective experience of emotions.* Supervisors: Prof. dr. D. Linden, Maastricht University; Prof. dr. K. Schruers, Maastricht University. Co-Supervisor: Dr. N. Leibold, Maastricht University.

**Wenting You;** April 17, 2025; *Reversing Fate; Rescuing Dying Neurons from Regulated Cell Death.* Supervisors: Prof. Dr. C. Webers, Maastricht University; Prof. Dr. C. Reutelingsperger, Maastricht University. Co-Supervisors: Dr. T. Gorgels, MUMC+; Dr. T. Berendschot, Maastricht University.

**Elles Elschot;** 17 April 2025; *Cerebral microvascular MRI techniques: Insights into Stroke and Post-Stroke Epilepsy*. Supervisors: Prof. dr. J. Jansen, Maastricht University /MUMC+ / TU Eindhoven; Prof. dr. ir. W. Backes, Maastricht University /MUMC+. Co-Supervisor: Dr. R. Rouhl, Maastricht University /MUMC+.

**Mathile Baudat;** May 16, 2025; *GROWING PAIN: Epigenetic and Developmental Considerations in Neonatal Procedural Pain*. Supervisor: Prof. Dr. B. Joosten, Maastricht University; Co-supervisors: Dr. S. Simons, Erasmus MC Sophia Children's Hospital; Dr. R. Riemens, Maastricht University.

**Maud Daemen;** July 2, 2025; *Bridging Horizons in Neurodegenerative Disorders: Assessing Needs and Tailoring e-health Support in Young-onset Dementia, Parkinson's Disease, and Huntington's Disease*. Supervisor: Prof. dr. M. de Vugt, Maastricht University; Co-Supervisors: Dr. A. Duits, Maastricht University; Dr. L. Boots, Maastricht University; Dr. M. Oosterloo, MUMC+.

**Colin Rosenau;** September 9, 2025; *Advancing brain health through modifiable Risk and protective factors: The libra2 index: update, validation, and Genetic insights*. Supervisor: Prof.dr. S. Kohler, Maastricht University. Co-Supervisor: Dr. K. Deckers, Maastricht University.

**Lion Soons;** September 17, 2025; *Emerging modifiable factors for maintaining optimal cognitive function in aging : An epidemiological approach*. Supervisor: Prof.dr. S. Kohler, Maastricht University. Co-Supervisor: Dr. K. Deckers, Maastricht University.

**Yelyzaveta Snihirova;** November 19, 2025; *Same Copy, Different Story: Environmental Modifiers in CNV Carriers*. Supervisors: Prof. Dr. Thérèse van Amelsvoort, Maastricht University; Prof. Dr. David Linden, Maastricht University. Co-Supervisor: Dr. Dennis van der Meer, Maastricht University.

**Annouk Boonstra;** December 1, 2025; *Timely, Transdiagnostic & Tailored to Youth The necessity and (cost-)effectiveness of accessible youth mental health interventions*. Supervisors: Prof. Dr. Thérèse van Amelsvoort, Maastricht University; Prof. Dr. David Linden, Maastricht University. Co-Supervisor: Dr. Sophie Leijdesdorff, Maastricht University; Dr. Remco de Winter, Maastricht University.

**Lotte Truin;** December 3, 2025; *Towards Implementation of Dementia Risk Reduction in Memory Clinics From Observational Evidence to Communication Tools for Clinical Practice*. Supervisors: Prof. dr. Sebastian Köhler, Maastricht University; Prof. dr. Marjolein de Vugt, Maastricht University. Co-Supervisors: Dr. Irene Heger, Maastricht University; Dr. Kay Deckers, Maastricht University.