

2023

**Irene Moll** | 30 October, 2023

*Cerebral Palsy: Cognition, fatigue and assessing functional electrical stimulation during walking*

Supervisor: Prof. dr. R. Vermeulen;

Co-supervisor: Dr. K. Meijer

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**Lonne Heijmans** | 25 October, 2023

*Paresthesia free spinal cord stimulation in experimental chronic neuropathic pain*

Supervisors: Prof. dr. E. Joosten, Prof. dr. J. van Zundert

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**Miriam Fichtner** | 24 October, 2023

*Features of muscle-specific tyrosine kinase autoantibodies and B cells derived from myasthenia gravis patients*

Supervisors: Prof. dr. P. Martinez, Prof. dr. K O'Connor (Yale University, USA);

Co-supervisor: Dr. M. Losen

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**Isis Joosten** | 23 October, 2023

*Myotonic dystrophy type 1 Clinical genetics and multisystem involvement*

Supervisors: Prof. dr. C. Faber, Prof. dr. K. Vernooij, Prof. dr. L. van Loon

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**Martijn Mons** | 20 October, 2023

*Neuromodulation in nonoperated discogenic low back pain: efficacy and mechanism*

Supervisors: Prof. dr. E. Joosten, Prof. dr. J. van Zundert;

Co-supervisor: Dr. J.W. Kallewaard

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**Ralf van Mechelen** | 16 October, 2023

*Preclinical validation of antifibrotic implantables for use in bleb-forming glaucoma surgery*

Supervisor: Prof. dr. H. Beckers;

Co-supervisors: Dr. J. Wolters, Medpace Medical Device B.V., Dr. C. Bertens

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**Mathew Francis** | 9 October, 2023

*A Comprehensive Study of Corneal Tissue Responses to Customized Surgical Treatments*

Supervisors: Prof. dr. R. Nuijts, Dr. R. Shetty (Narayana Nethralaya Eye Hospital, Bangalore, India)

Co-supervisor: Dr. A.S. Roy (Narayana Nethralaya Foundation, Bangalore, India)

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**Laila Hasmi** | 6 October, 2023

*Network complexity modelling of psychopathology to encompass symptoms, genetic and*

*environmental influences*

Supervisors: Prof. dr. J. van Os, Prof. dr. S. Guloksuz;

Co-supervisor: Dr. M. Drukker

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**Jurriaan Brekelmans** | 6 October, 2023

*New developments in the treatment of corneal ectatic disorders*

Supervisor: Prof. dr. R. Nuijts;

Co-supervisors: Dr. M. Dickman, Prof. dr. A. Marcovich (Kaplan Medical Center, Israel)

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**Haang Jeung-Maarse** | 18 September, 2023

*Impairments in Social Interaction of Individuals with Personality Disorders and Dark Personality Traits*

Supervisors: Prof. dr. K. Schruers; Prof. dr. C. Schwieren, Heidelberg University, Germany

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**Pere Català Quilis** | 13 September, 2023

*Understanding the complexity of the corneal endothelium for regenerative medicine*

Supervisor: Prof. dr. R. Nuijts.

Co-supervisors: Dr. V. LaPointe Dr. M. Dickman.

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**Suryan Leif Dunker** | 13 September, 2023

*Current State of Endothelial Keratoplasty*

Supervisor: Prof. dr. R. Nuijts.

Co-supervisors: Dr. M. Dickman Dr. F. van den Biggelaar.

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**Anneke Terneusen** | 8 September, 2023

*KNOW THYSELF - Theoretical and Neurobehavioral Perspectives on Self-Awareness*

Supervisors: Prof. dr. C. van Heugten; Prof. dr. R. Ponds.

Co-supervisor: Dr. I. Winkens.

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**Ghazi Al Jowf** | 6 September, 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.

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**Faisal Mohammed Alosaimi** | 12 July, 2023

*Monoaminergic neurotransmitter systems underlie therapeutic and side effects of deep brain stimulation.*

Supervisors: Prof. dr. Yasin Temel, Dr. Ali Jahanshahi;

Co-supervisor: Dr. Sarah-Anna Heschem.

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**Cai Zhang** | 5 July, 2023

*Immunotherapy: a potential treatment strategy for depression*

Supervisors: Prof. dr. Harry W. M. Steinbusch, Prof. dr. Thierry D. Charlier, University of Rennes, Rennes, France, Prof. dr. Cai. Song, Guangdong Ocean University, Zhanjinag, PRC;  
Co-supervisor: Dr. J. Pawluski, University of Rennes, Rennes, France.

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**Milena Agata Ślęczkowska** | 27 June, 2023

*Genetics of neuropathic pain: the emerging role of variants in ion channels and pain-related genes*

Supervisors: Prof. dr. H.J.M. Smeets, Prof. dr. C.G. Faber;  
Co-supervisor: Dr. M.M. Gerrits.

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**Maurice Sopacua** | 27 June, 2023

*Improving assessments in the Diagnosis of Small Fiber Neuropathy*

Supervisors: Prof. dr. C.G. Faber, Prof. dr. I.S.J. Merkies;  
Co-supervisor: Dr. J.G.J. Hoeijmakers.

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**Jackson Boonstra** | 26 June, 2023

*NEUROANATOMICAL VARIATION IN PARKINSON'S DISEASE MOTOR SUBTYPES*

Supervisors: Prof. dr. Yasin Temel, Dr. Ali Jahanshahi;  
Co-supervisor: Dr. Alard Roebroek.

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**Mathew Francis** | 19 June, 2023

*A Comprehensive Study of Corneal Tissue Responses to Customized Surgical Treatments*

Supervisors: Prof. dr. R.M.M.A. Nuijts, Dr. R. Shetty (Narayana Nethralaya Eye Hospital, Bangalore, India);  
Co-supervisor: Dr. A.S. Roy (Narayana Nethralaya Foundation, Bangalore, India).

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**Assia Tiane** | 6 June, 2023

*Relieving the epigenetic blockade in progressive MS – making remyelination accessible again*

Supervisors: Prof. dr. Tim Vanmierlo Universiteit Hasselt, Prof. dr. Daniel van den Hove Universiteit Maastricht;

Co-supervisors: Prof. dr. Niels Hellings Universiteit Hasselt, Prof. dr. Jos Prickaerts Universiteit Maastricht.

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**Alexandra Petraina** | 1 June, 2023

*Mechanism-based diagnosis of cyclic GMPopathies and pharmacological interventions*

Supervisor: Prof. dr. Harald H.H.W. Schmidt;  
Co-supervisor: Dr. Cristian Nogales Calvo.

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**Katherine Christophe Bassil** | 30 May, 2023

*Stress in a dish - Modeling the neurobiology of glucocorticoids in vitro, investigating stress susceptibility, and highlighting ethical implications*

Supervisor: Prof. dr. Bart P.F. Rutten;

Co-supervisors: Dr. Gunter Kenis, Dr. Laurence C.C. de Nijs.

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**Samantha Baldi** | 26 May, 2023

*On Connecting Dots: From imaging to stimulating the obsessive-compulsive brain*

Supervisor: Prof. K.R.J. Schruers;

Co-supervisors: Dr. L. Goossens, Dr. T. Schuhmann.

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**Melissa Schepers** | 22 May, 2023

*PDE4 gene inhibition – a novel approach to treat demyelinating disorders*

Supervisors: Prof. Dr. Tim Vanmierlo, Prof. Dr. Jos Prickaerts;

Co-supervisors: Prof. dr. Niels Hellings, Prof. Dr. Bart Rutten.

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**Jeanette Tas** | 24 April, 2023

*Next Generation Neuromonitoring Multimodality, Cerebral Autoregulation and a Refined Outcome in Severe Traumatic Brain Injury*

Supervisors: Prof. dr. J.C.C. van der Horst, Prof. dr. C.M. van Heugten;

Co-supervisor: Dr. M.J.H. Aries.

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**Mathijs de Rijk** | 28 March, 2023

*Interactive control of the lower urinary tract:*

*Translational models in functional and neuro-urolgy*

Supervisors: Prof. dr. Gommert van Koeveringe, Prof. dr. Lori Birder (University of Pittsburgh, United States);

Co-supervisors: Dr. Job van den Hurk, Dr. Sajjad Rahnama'i.

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**Annelie Tan** | 10 March, 2023

*Outcome and safety of the Baerveldt glaucoma implant*

Supervisors: Prof. dr. H.J.M Beckers, Prof. dr. C.A.B. Webers, Prof. dr. G.P.M. Luyten (Leiden UMC);

Co-supervisor: Dr. T.T.J.M. Berendschot.

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**Manon van den Berg** | 20 January, 2023

*Translational Research Investigating Psilocybin:*

*Underlying neurobiological mechanisms*

Supervisors: Prof. dr. Jos Prickaerts, Maastricht University, Prof. dr. Johannes G. Ramaekers, Maastricht University, Prof. Ernesto Fedele, University of Genoa;

Co-supervisor: Dr. Jacco J. Briedé, Maastricht University.

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## 2022

**Judith Rickelt** | 15 December, 2022

*AFFECTING OCD*

*On the relation between affective and obsessive-compulsive symptoms during the course of obsessive-compulsive disorder*

Supervisors: Prof. dr. K.R. Schruers, Prof. dr. M. Marcelis, Prof. dr. O.A. van den Heuvel,  
Amsterdam UMC.

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**Roy van Hooren** | 15 December, 2022

*IMAGING EARLY BRAIN CHARACTERISTICS OF ALZHEIMER'S DISEASE*

*Structure, function and symptomatology*

Supervisors: Dr. H.I.L. Jacobs, Prof. dr. F.R.J. Verhey;

Co-supervisor: Dr. M. van Egroo.

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**Sophie Waardenburg** | 14 December, 2022

*Heterogeneity in the experience of chronic pain*

*Unravelling the biopsychosocial context and the quantification of treatment success*

Supervisor: Prof. dr. J. Van Zundert;

Co-supervisors: Dr. S.M.J van Kuijk, Dr. P. de Meij.

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**Ilona Liesenborghs** | 1 December, 2022

*Genetic and molecular pathogenesis of primary open angle glaucoma and corticosteroid-induced glaucoma*

*'Applications of research with omics data in ophthalmology'*

Supervisors: Prof. dr. C.A.B. Webers, Prof. dr. C.T.A. Evelo;

Co-supervisors: Dr. J.S.A.G. Schouten, Dr. L.M.T. Eijssen.

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**Johanne Rauwenhoff** | 30 November, 2022

*"Anxiety and depression in people with acquired brain injury*

*Acceptance and Commitment Therapy as a possible intervention"*

Supervisors: Prof. dr. C. M. van Heugten, Prof. dr. F. Peeters;

Co-supervisor: Dr. Y. Bol, Zuyderland.

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**Jamie Drossaerts** | 28 November, 2022

*"Sacral neuromodulation for urinary storage and voiding dysfunction:*

*Predictive factors and treatment evaluation."*

Supervisors: Prof. dr. G.A. van Koeveeringe, Prof. dr. P.E.V.A. van Kerrebroeck;

Co-supervisor: Dr. D.M.J. Vrijens.

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**Max Mimpfen** | 18 November, 2022

*"Circulating lymphocyte subsets as prognostic markers in multiple sclerosis*

*A first step towards systems immunology"*

Supervisor: Prof. dr. R.M.M. Hupperts;

Co-supervisors: Dr. J.G.M.C. Damoiseaux, Dr. O.H.H. Gerlach (Academisch MS Centrum Zuyderland), Dr. J.J.F.M. Smolders (Erasmus Medisch Centrum, Nederlands Herseninstituut).

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**Martin Bustelo** | 16 November, 2022

*Epigenetics of Perinatal Asphyxia and Therapeutic Hypothermia*

Supervisors: Prof. dr. H. Steinbusch, Prof. dr. Cesar Fabian Loidl, University of Buenos Aires, Argentina, Prof. dr. Daniel van den Hove;

Co-supervisor: Dr. A.W.D. Gavilanes.

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**Stevie Hendriks** | 11 November, 2022

*"Understanding Young-Onset Dementia epidemiology, recognition and care use"*

Supervisors: Prof. dr. M.E. de Vugt, Dr. S. Köhler;

Co-supervisor: Dr. K.K.B. Peetoom.

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**Eva Yu Lin Tan** | 4 November, 2022

*Neuropsychiatric Symptoms in Dementia: The Psychosocial Context*

Supervisors: Prof. dr. F.R.J. Verhey, Prof. dr. M.E. de Vugt, Prof. dr. J.M.G.A. Schols.

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**Frédéric Schaper** | 3 November, 2022

*Zapping Deep brain stimulation takes hold of epilepsy*

Supervisor: Prof. dr. Yasin Temel;

Co-supervisors: Dr. Linda Ackermans, Dr. Rob P.W. Rouhl.

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**Tessa van Dooren** | 28 October, 2022

*High-frequency testing of the vestibular system.*

Supervisors: Dr. R. van de Berg, Prof. dr. H. Kingma.

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**Faris Almasabi** | 12 October, 2022

*Deep brain stimulation in tinnitus:*

*Insights from the pathophysiology and mechanism of action*

Supervisor: Prof. dr. Y. Temel;

Co-supervisors: Dr. Ali Jahanshahi, Dr. Marcus L.F. Janssen.

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**Tim Bouwens** | 6 October, 2022

*Neurosurgery in Obsessive Compulsive Disorder*

*From targets to treatment to tracts and back again*

Supervisors: Prof. dr. A.F.G. Leentjens, Prof. dr. Y. Temel;

Co-supervisor: Dr. L. Ackermans.

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**Huajie Liu** | 3 October, 2022

*Deep Brain Stimulation and memory restoration.*

Supervisor: Prof. dr. Yasin Temel;

Co-supervisors: Dr. Sarah-Anna Heschem, Dr. Ali Jahanshahi.

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**Mignon Schichel** | 30 September, 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.

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**Massimiliano Grassi** | 19 September, 2022

*Supervised Machine Learning In Psychiatry: Towards Application In Clinical Practice.*

Supervisors: Prof. dr. K.R.J. Schruers, Prof. dr. M. Dumontier.

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**Florit Marcuse** | 16 September, 2022

*Clinical care optimization for patients with a thymic tumor*

*With special interest in myasthenia gravis and thymic epithelial tumors.*

Supervisors: Prof. dr. J.G. Maessen, Prof. dr. M.H.V. De Baets;

Co-supervisor: Dr. M.M.H. Hochstenbag.

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**Dmitrii Starkov** | 6 September, 2022

*Objectivation of vestibular function inpatients with bilateral vestibular loss.*

Supervisors: Prof. dr. Raymond van de Berg, Prof. dr. Vladimir Petrovitsj, Demkin, Tomsk State University, Prof. dr. Herman Kingma.

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**Chris Choe** | 6 September, 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.

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**Maksim Pleshkov** | 6 September, 2022

*Fundamental studies to assess and restore vestibular function in patients with severe bilateral vestibular loss.*

Supervisors: Prof. dr. Raymond van de Berg, Prof. dr. Vladimir Petrovitsj, Demkin, Tomsk State University, Prof. dr. Herman Kingma.

---

**Caterina Giovagnoni** | 28 June, 2022

*Lipids and lipid transporters: key role in membrane dynamics, inflammation and Alzheimer's disease.*

Supervisors: Prof. dr. P. Martinez- Martinez, Prof. dr. B. Rutten;

Co-supervisor: Dr. M. Losen.

---

**Olin Janssen** | 17 June, 2022

*Novel Perspectives from Existing Data on Early Alzheimer's disease Pathology and Dementia care use.*

Supervisor: Dr. P.J. Visser;

Co-supervisors: Dr. W.J. Jansen, Dr. S.J.B. Vos.

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**Perla Douven** | 14 June, 2022

*Improving Sacral Neuromodulation for Lower Urinary Tract and Bowel Dysfunction: A Translational and Multidisciplinary Approach.*

Supervisors: Prof. dr. G.A. van Koeveringe, Prof. dr. E.A.J. Joosten;

Co-supervisor: Dr. S.O. Breukink.

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**Anne-Fleur Domensino** | 3 June, 2022

*The whole is greater than the sum of its parts Assessment after acquired brain injury.*

Supervisors: Prof. dr. C.M. van Heugten, Prof. dr. C.A.M. van Bennekom, Universiteit van Amsterdam;

Co-supervisors: Dr. I. Winkens; Dr. J.C.M. van Haastregt.

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**Luise Klein** | 2 June, 2022

*Protection of the preterm brain against inflammatory stress A promising role for stem cellbased therapy and Annexin A1.*

Supervisors: Dr. T.G.A.M. Wolfs, Prof. dr. C.P.M. Reutelingsperger, Prof. dr. L.J. Schurgers, Prof. dr. D. van den Hove.

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**Supriya Dabir Gautam** | 19 May, 2022

*High Resolution Retinal Imaging.*

Supervisor: Prof. dr. C.A.B. Webers.

Co-supervisors: Dr. T.T.J.M. Berendschot; Dr. J.S.A.G. Schouten, Canisius Wilhelmina Ziekenhuis, Nijmegen.

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**Gamze Erzin** | 25 April, 2022

*Utilizing exposome score for schizophrenia to predict mental health outcomes.*

Supervisors: Dr. S. Guloksuz, Prof. Dr. B. Rutten.

Co-supervisor: Dr. L.K. Pries.

---

**Julie Labau** | 21 April, 2022

*Patient-derived neuronal models for pharmacogenetic pain treatment of sodium channelopathies.*

Supervisors: Prof. Bert Smeets, Prof. K. Faber.

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**Jeroen Bruinsma** | 20 April, 2022

*Family caregivers of persons with young-onset dementia Tailoring web-based psychosocial support.*

Supervisors: Prof. Dr. M.E. de Vugt, Prof. Dr. F.R.J. Verhey;

Co-supervisors: Dr. K.K.B. Peetoom, Dr. C. Bakker, Radboud Universiteit Nijmegen.

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**Anne Rose de Kort** | 13 April, 2022

*Neonatal Procedural Pain Role of Descending Serotonergic Projections.*

Supervisors: Prof. Dr. E.A. Joosten, Prof. Dr. D. Tibboel, Erasmus MC-Sophia, Rotterdam;

Co-supervisor: Dr. N.J. van den Hoogen.

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**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.R.J. Verhey;

Co-supervisor: Dr. M.P.J. van Boxtel.

---

**Ellis Nelissen** | 23 February, 2022

*Soluble guanylate cyclase as a novel target for cognition enhancement.*

Supervisor: Prof. Dr. J. Prickaerts;

Co-supervisors: Dr. T. Vanmierlo, Dr. P. Sandner, Bayer AG, Germany.

---

**Manon te Dorsthorst** | 17 February, 2022

*Next Level Tibial Nerve Stimulation in the Treatment of Overactive Bladder Syndrome.*

Supervisor: Prof. Dr. J.P.F.A. Heesakkers;

Co-supervisors: Dr. M.R. van Balken, Rijnstate ziekenhuis, Arnhem, Dr. F.M.J Martens, RadboudUMC, Nijmegen.

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**Qian Luo** | 15 February, 2022

*Exploring sphingolipid function in the pathogenesis of Alzheimer's disease.*

Supervisor: Prof. Dr. P. Martinez- Martinez;

Co-supervisors: Dr. M. Losen Dr. S. Zong.

---

**Maartje Colaris** | 11 February, 2022

*Breast Implant Illness in Silicone Breast Implant patients.*

Supervisors: Prof. Dr. R.R.W.J. van der Hulst, Prof. Dr. J.W. Cohen Tervaert.

---

**Bernice Doove** | 8 February, 2022

*Personalizing Preschool Preventive Child Health Care; The MOM study.*

Supervisors: Prof. Dr. F.J.M. Feron, Prof. Dr. J. van Os, MUMC en Universiteit Utrecht;

Co-supervisor: Dr. M. Drukker.

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**Supriya Dabir** | 27 January, 2022

*High resolution retinal imaging.*

Supervisor: Prof. Dr. C.A.B. Webers;

Co-supervisors: Dr. T.T.J.M. Berendschot; Dr. J.S.A.G. Schouten.

---

**Evgeniy Svirin** | 11 January, 2022

*Excessive aggression, ADHD- and ASD-like phenotypes in TPH2- and brain ganglioside-deficient mice: mechanisms and gene-by-environment interaction.*

Supervisor: Prof. K.-P. Lesch;

Co-supervisors: Dr. T. Strekalova; Prof. E. Ponomarev, the Chinese University of Hong Kong.

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## 2021

**Linda Pagen** | 17 December, 2021

*Stress and Worry during cognitive aging: behavioral and neural correlates.*

Supervisors: Dr. Heidi I.I. Jacobs, Prof. Dr. Benedikt A. Poser;

Co-supervisor: Prof. Dr. Frans R.J. Verhey.

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**Christian Rauschenberg** | 17 December, 2021

*Transdiagnostic Approaches to Mental Health: Linking adversity, cognition, candidate mechanisms, and novel digital interventions.*

Supervisor: Prof. Dr. J. van Os, UM, Utrecht University Medical Centre;

Co-supervisor: Prof. Dr. U. Reininghaus, Heidelberg University.

---

**Christian Nogales Calvo** | 16 December, 2021

*Network Modules as Novel Molecular Disease Definitions for Precision Theranostics.*

Supervisors: Prof. Dr. Harald H.H.W. Schmidt, Dr. Ana I. Casas Guijarro.

---

**Margot Heijmans** | 10 December, 2021

*Track and treat Parkinson's disease using wearable sensors and MRI.*

Supervisor: Prof. Dr. Yasmin Temel;

Co-supervisors: Dr. Pieter Kubben, Dr. Mark Kuijf.

---

**Jessica Bruijtel** | 1 December, 2021

*Tired of being tired: Fatigue and sleep following traumatic brain injury.*

Supervisor: Prof. Dr. C.M. van Heugten;

Co-supervisors: Dr. A. Vermeeren, Dr. S.Z. Stapert.

---

**Naomi Daniëls** | 1 December, 2021

*Bringing experience-sampling technology to family medicine: Feasibility, usability and lessons-learned.*

Supervisors: Prof. dr. P.A.E.G. Delespaul, Prof. dr. A.J. Beurskens;  
Co-supervisor: Dr. M.A. van Bokhoven.

---

**Soraya Jonker** | 19 November, 2021

*Safety and Efficacy of Intraocular Lenses in Cataract - and Refractive Surgery.*

Supervisor: Prof. Dr. R.M.M. A. Nuijts;

Co-supervisors: Dr. N.J.C. Bauer, Dr. T.T.J.M. Berendschot.

---

**Ana Maria Alzate Sánchez** | 9 November, 2021

*Microelectrode recordings for deep brain stimulation: Patient specific variables yields fundamental and clinical insights into the human basal ganglia.*

Supervisor: Prof. Dr. Y. Temel;

Co-supervisors: Dr. M.L.F. Janssen, Dr. M.J. Roberts.

---

**Paula Bartholomeus** | 9 November, 2021

*ReAttach - A transdiagnostic intervention for adults and children with mental health problems.*

Supervisor: Prof. Dr. T.A.M.J. van Amelsvoort;

Co-supervisors: Prof. Dr. M. Fitzgerald, Trinity College Dublin, Prof. Dr. D. Marazziti, University of Pisa.

---

**Rik Schalbroeck** | 5 November, 2021

*Orderly chaos: social defeat as a risk factor for psychosis in autism.*

Supervisors: Prof. Dr. J.P.Selten, Prof. Dr. L.F. de Geus-Oei, Leids Universitair Medisch Centrum, Prof. Dr. J. Booij, Amsterdam UMC.

---

**Renzo Riemens** | 5 November, 2021

*Neuroepigenomics in Alzheimer's disease: The single cell Adds.*

*Neuroepigenomik bei der Alzheimer-Krankheit: Die Einzelzell ADds.*

Supervisors: Prof. dr. D. van den Hove; Prof. dr. B. Rutten; Prof. dr. T. Haaf, Julius-Maximilians-Universität Würzburg

Co-Supervisor: Dr. G. Kenis; Prof. dr. C. Förster, Julius-Maximilians- Universität Würzburg; Prof. Dr. K.P. Lesch, Julius-Maximilians- Universität Würzburg

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**Vera Marsman-Bonekamp** | 3 November, 2021

*Beyond dis-ease and dis-order - Exploring the long-lasting impact of childhood adversity in relation to mental health.*

Supervisor: Prof. Dr. J.J. van Os;

Co-supervisor: Dr. H.B. Lousberg.

---

**Kim van der Linden** | 11 October, 2021

*Stress, anxiety and psychotic experiences in adults with autism spectrum disorder; and observational study in the context of daily life.*

Supervisors: Prof. Dr. M.C. Marcelis, Prof. Dr. T.A.M.J. van Amelsvoort;  
Co-supervisor: Dr. C.J.P. Simons.

---

**Jeroen Habets** | 1 October, 2021

*Prediction and real-life monitoring of DBS motor response in Parkinson's disease.*

Supervisor: Prof. dr. Y. Temel;

Co-supervisor: Dr. P. Kubben, Dr. M. Kuijf.

---

**Mohammed Alahmari** | 15 September, 2021

*Radiological and radio-therapeutic nuances in skull base tumours.*

Supervisors: Prof. Dr. Y. Temel; Prof. Dr. Ir. F.J.W. Verhaegen;

Co-supervisor: Dr. D. Eekers.

---

**Michaël Veldeman** | 15 September, 2021

*Diagnosis and treatment of early and delayed cerebral injury after aneurysmal subarachnoid hemorrhage.*

Supervisors: Prof. Dr. Y. Temel; Prof. Dr. H. Clusmann, RWTH Aachen;

Co-supervisor: Dr. R. Haeren.

---

**Siyu Wu** | 9 September, 2021

*Modulation of myelin phagocytosis by means of anti-inflammatory treatment as a therapy of spinal injury.*

Supervisors: Prof. Dr. B.W.W. Kramer; Dr. J. Mey, Toledo, Spain.

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**Wouter Hubens** | 2 September, 2021

*Glaucoma biomarkers in aqueous humor and blood.*

Supervisor: Prof. Dr. C.A.B. Webers;

Co-supervisor: Dr. T.G.M.F. Gorgels.

---

**Sjors van de Weijer** | 1 September, 2021

*Digital technology-enabled home health care - Gamification in online cognitive therapies for Parkinson's disease.*

Supervisor: Prof. Dr. B.R. Bloem, RU Nijmegen;

Co-supervisors: Dr. A.A. Duits; Dr. M.L. Kuijf; Dr. N.M. de Vries, RU Nijmegen.

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**Lisanne Canjels** | 31 August, 2021

*Morphological and functional Magnetic Resonance Imaging at ultra-high field.*

Supervisors: Dr. J.F.A. Jansen; Prof. Dr. Ir. W.H. Backes; Prof. Dr. A.P. Aldenkamp;

Co-supervisor: Dr. C. Ghossein-Doha.

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**Yentl van der Zee** | 30 August, 2021

*Novel Insights into the Neurophysiological and Epigenetic Changes in Major Depressive Disorder.*

Supervisor: Prof. Dr. B.P.F. Rutten;

Co-supervisors: Dr. O. Issler; Dr. L. de Nijs; Dr. L.M.T. Eijssen, New York, USA.

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**Judith Lionarons** | 9 July, 2021

*Nonmotor comorbidities and somatic manifestations of Duchenne Muscular Dystrophy.*

Supervisor: Prof. Dr. C.G. Faber;

Co-supervisors: Dr. G. Hoogland, Dr. J.G.M. Hendriksen, Kempenhaghe, Dr. S. Klinkenberg.

---

**Gusta van Zwieten** | 9 July, 2021

*Silencing neural symphonies with deep brain stimulation.*

Supervisors: Prof. Dr. Y. Temel, Prof. Dr. R.J. Stokroos;

Co-supervisor: Dr. M.L.F. Janssen.

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**Shuo Zhang** | 7 July, 2021

*A dark field illumination probe linked to Raman spectroscopy for non-invasively determination of ocular biomarkers.*

Supervisors: Prof. Dr. C.A.B. Webers, Dr. T.T.J.M. Berendschot;

Co-supervisor: Dr. R.J. Erckens.

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**Ahmed Hassan** | 7 July, 2021

*FAIR and bias-free network modules for mechanism-based disease redefinitions.*

Supervisors: Prof. Dr. H.H.H.W. Schmidt, Prof. Dr. M.J. Dumontier.

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**Anouk Geraets** | 2 July, 2021

*Biological determinants of depression, the role of cerebral damage, microvascular dysfunction, and hyperglycemia: a population-based approach.*

Supervisors: Dr. M.T. Schram, Prof. Dr. F.R.J. Verhey;

Co-supervisor: Dr. S. Köhler.

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**Le Guo** | 23 June, 2021

*No, They Didn't? Oh, They Did!; Advancing Insights on Social Norm Interventions in Consumer Financial Decision-Making.*

Supervisor: Prof. Dr. H.J.M. Smeets;

Co-supervisors: Dr. F.H.J. van Tienen; Dr. M. Gerards.

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**Yvonne van der Zalm** | 18 June, 2021

*An inquiry into various aspects of clozapine use: prescription, monitoring and mortality.*

Supervisor: Prof. Dr. J.P. Selten, Prof. Dr. I.E. Sommer, UMC Groningen;

Co-supervisors: Dr. P.F.J. Schulte, GGZ N.H., Dr. F. Termorshuizen, GGZ Rivierduinen.

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**Onur Alptekin** | 18 June, 2021

*Methodological aspects of deep brain stimulation: the untold story behind DBS surgery.*

Supervisor: Prof. Dr. Y. Temel;

Co-supervisors: Dr. E. Kocabicak, Samsun, Turkeydr., L. Ackermans.

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**Elaine Schepers** | 17 June, 2021

*The role of white noise speech illusions in indicating risk for psychotic disorders.*

Supervisor: Prof. Dr. J.J. van Os;

Co-supervisor: Dr. R. Lousberg.

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**Christian Bertens** | 7 June, 2021

*Development of a non-invasive ocular drug delivery device.*

Supervisor: Prof. Dr. R.M.M.A. Nuijts;

Co-supervisors: Dr. M. Gijs, Dr. F.J.H.M. van den Biggelaar.

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**Remco Santegoeds** | 3 June, 2021

*A journey of skull base chordoma: where imaging meets molecular biology.*

Supervisor: Prof. Dr. Y. Temel;

Co-supervisors: Dr. L. Jacobi-Postma, Dr. D. Eekers.

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**Inge Verheggen** | 1 June, 2021

*Imaging blood-brain barrier function in aging.*

Supervisors: Prof. Dr. W.H. Backes, Prof. Dr. F.R.J. Verhey;

Co-supervisor: Dr. A. Jahanshahianvar.

---

**Douwe van der Heide** | 27 May, 2021

*On the assessment of symptom validity in refugee mental health.*

Supervisors: Prof. Dr. H.L.G.J. Merckelbach, Prof. Dr. P.N. van Harten.

---

**Gwoon Son** | 26 May, 2021

*Olfactory system pathology in Alzheimer's disease: evidences from rodent and human studies.*

Supervisors: Prof. dr. H.W.M. Steinbusch, Prof. Dr. C. Moon, DGIST, South Korea;

Co-supervisor: Dr. A. Jahanshahianvar

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**Markos Xenakis** | 26 May, 2021

*Molecular complexity of voltage-gated sodium channels; theory and applications in mutation-response prediction.*

Supervisor: Prof. Dr. H.J.M. Smeets;

Co-supervisors: Dr. P.J. Lindsey, Dr. R.L. Westra.

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**Alix Thomson** | 21 May, 2021

*From Micro to Macro: Unravelling the Underlying Mechanisms of Transcranial Magnetic Stimulation (TMS).*

Supervisor: Prof. A.T. Sack;

Co-supervisors: Dr. T.A. de Graaf, Dr. T. Schuhmann, Dr. G.R.L. Kenis.

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**Ozan Cinar** | 19 May, 2021

***Combining In formation: Model Selection in Meta-Analysis and Methods for Combining Correlated p-Values.***

Supervisor: Dr. W. Viechtbauer;

Co-supervisors: Dr. I.S. Gülöksüz.

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**Anne Koopmans** | 12 May, 2021

*CYP2D6 and CYP2C19 genotyping in psychiatry - Bridging the gap between practice and lab.*

Supervisors: Prof. Dr. P.N. van Harten, Prof. Dr. H.W.Hoek, RUG;

Co-supervisor: Dr. D.J. Vinkers.

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**Ashwin Mohan** | 29 April, 2021

*Retinal oximetry in health and disease.*

Supervisor: Prof. C.A.B. Webers;

Co-supervisors: Dr. T.T.J.M. Brendschot, Dr. R. Shetty, Bangalore, India.

---

**Danique Hellebrekers** | 23 April, 2021

*Neurocognition and behaviour: diagnostic work-up and interventions in Duchenne and Becker muscular dystrophy.*

Supervisors: Prof. J.S.H. Vles, Dr. J.G.M. Hendriksen;

Co-supervisor: Dr. S. Klinkenberg.

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**Milaine Roet** | 16 April, 2021

*Modulating microcircuits in depression.*

Supervisor: Prof. Y. Temel;

Co-supervisor: Dr. A. Jahanshahianvar.

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**Julia van Tuijl** | 16 April, 2021

*Post-stroke epilepsy.*

Supervisor: Prof. A.P. Aldenkamp;

Co-supervisors: Dr. R.P.W. Rouhl, Dr. E.P.M. van Raak.

---

**Hans de Munter** | 9 April, 2021

*The patient's own bone marrow-derived stromal cells: disease modifiers in (neuro) degenerative disorders.*

Supervisors: Prof. B.W.W. Kramer, Prof. E.CH. Wolters;

Co-supervisors: Dr. T. Strekalowa, Dr. J. Mey.

---

**Sophie Leijdesdorff** | 9 April, 2021

*Ain't no mountain high enough - How to improve access to youth mental health care.*

Supervisors: Prof. T.A.M.J. van Amelsvoort, Prof. A. Popma, AMC;

Co-supervisor: Dr. R.M.C. Klaassen, AMC.

---

**Laura Vergoossen** | 1 April, 2021

*Brain Network Alterations due to Cardiometabolic Risk Factors; Insights from Population Magnetic Resonance Imaging.*

Supervisor: Prof. W.H. Backes;

Co-supervisors: Dr. J.F.A. Jansen, Dr. M.T. Schram.

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**Ranjana J. Jairam** | 24 March, 2021

*Sacral nerve stimulation for lower urinary tract dysfunctions: towards better outcome.*

Supervisors: Prof. Ph.E.V.A. Van Kerrebroeck, Prof. G.A. van Koevinge;

Co-supervisor: Dr. D.M.J. Vrijens.

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**Luiz Kae Sales Kanazawa** | 22 March, 2021

*The antimanic-like effects of andrographolide and quercetin*

Supervisors: Prof. J. Prickaerts;

Co-supervisor: Dr. Roberto AnDr.eatini, Paraná, Brasil.

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**Maria Ferrarac** | 12 March, 2021

*Early Intervention in Psychosis A data-driven population health approach to reduce the duration of untreated psychosis.*

Supervisors: Dr. S. Gölöksüz, Prof. J.J. van Os;



Co-supervisor: Prof. V.H. Srihari (Yale University, USA).

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**Talakad Narasappa Sathyaprabha** | 1 February, 2021

*Cardiovascular autonomic regulation in health and neurological disorders.*

Supervisors: Prof. B.W.W. Kramer, Prof. H.W.M. Steinbusch;

Co-supervisor: Dr. T.R. Raju, Bangalore.

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**Raoul Stevens** | 15 January, 2021

*Unboxing the Brain; Development of Technologies for Non-Invasive Assessment of Cerebral Pathologies.*

Supervisor: Prof. T. Delhaas, Prof. W.H. Mess;

Co-supervisor: Dr. W. Huberts.

---

**Clara Snijders** | 8 January, 2021

*Post-traumatic stress disorder epigenetic signatures of differential susceptibility to combat trauma.*

Supervisor: Prof. B.P.F. Rutten;

Co-supervisors: Dr. L. de Nijs, Dr. G. Kenis.

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## 2020

**Angélique Gruters** | 18 December, 2020

*Neuropsychological Assessment at the Memory Clinic: Innovations in communicating neuropsychological test results in the diagnostics of dementia.*

Supervisor: Prof. V.C.G. Tjan-Heijnen;

Co-supervisors: Dr. LE.M. Duijm, Canisius Nijmegen, Dr. A.C. Voogd.

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**Marina Damas** | 16 December, 2020

*Autoantibodies in the nervous system: pathophysiology and new therapeutic strategies.*

Supervisor: Prof. P. Martinez;

Co-supervisors: Dr. M. Losen, Dr. R.P.W. Rouhl.

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**Raffael Pazinato Aguiar** | 15 December, 2020

*Synthesis and biological evaluation of new tyrosol-salicylate derivatives as potential antiinflammatory agents.*

Supervisor: Prof. Dr. J. Prickaerts;

Co-supervisor: Dr. Rúbia Maria Weffort de Oliveira, State University of Maringá Maringá, Paraná, Brazil.

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**Suat Kucukgoncu** | 14 December, 2020

*Metabolic Disturbances in Mental Illness.*

Supervisor: Prof. B.P.F. Rutten;

Co-supervisor: Dr. S. Gölöksüz.

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**Lotta-Katrin Pries** | 11 December, 2020

*The interplay between the genome and the exposome in psychosis spectrum.*

Supervisors: Prof. B.P.F. Rutten, Prof. J. van Os;

Co-supervisor: Dr. S. Gölöksüz.

---

**Suzanne van Bronswijk** | 11 December, 2020

*Personalized treatment strategies for depression.*

Supervisors: Prof. F.P.M.L. Peeters, Prof. M.J.H. Huibers, VU Amsterdam;

Co-supervisor: Dr. L.H.J.M. Lemmens.

---

**Jan Wouter Brunings** | 10 December, 2020

*Concerning Assumptions in Laryngology.*

Supervisor: Prof. B. Kremer;

Co-supervisors: Dr. L.W.J. Baijens, Dr. A.E.W. Hamaekers.

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**Jonas Weijers** | 8 December, 2020

*Mentalization and psychosis Trying to understand the “un-understandable”.*

Supervisors: Prof. J.P.C.J. Selten, Prof. E.H.M. Eurelings-Bontekoe, Universiteit Leiden;

Co-supervisor: Dr. W. Viechtbauer.

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**Raghu Raghu** | 7 December, 2020

*Automated seizure detection for remote monitoring.*

Supervisors: Prof. Y. Temel, Prof. N. Sriraam, Karnataka, India;

Co-supervisors: Dr. P.L. Kubben, Dr. E.D. Gommer.

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**Glenn Franken** | 3 December, 2020

*Neuromodulation of the Dorsal Root Ganglion in Experimental Chronic Neuropathic Pain: Efficacy and Mechanisms of Action.*

Supervisors: Prof. E.A.J. Joosten, Prof. J.H.M. van Zundert;

Co-supervisors: Dr. A.L. Liem, MC Jan van Goyen, Amsterdam.

---

**Juliette Hoevenaars** | 20 November, 2020

*Knowledge, adherence and outcome in glaucoma.*

Supervisor: Prof. C.A.B. Webers;

Co-supervisor: Dr. J.S.A.G. Schouten, CWZ, Nijmegen.

---

**Ricky Kamps** | 20 November, 2020

*Resolving the Role of Genetic Defects and mtDNA Copy Number in Mitochondrial Disease and Development.*

Supervisor: Prof. H.J.M. Smeets;

Co-supervisor: Dr. F.H.J. van Tienen.

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**Umut Kirli** | 18 November, 2020

*Exploring Psychotic Experiences in the Context of Multidimensional Psychopathology: A Longitudinal Community-based Approach.*

Supervisor: Prof. J. van Os;

Co-supervisors: Dr. M. Drukker, Dr. T. Binbay, Dokuz Eylul University, Turkey.

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**Franciscus Bennis** | 13 November, 2020

*Machine learning in medicine - Big picture require small, but crucial strokes.*

Supervisors: Prof. T. Delhaas, Prof. B.W. Kramer;

Co-supervisor: Dr. P. Andriessen (Máxima Medisch Centrum Veldhoven).

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**Mayke Oosterloo** | 6 November, 2020

*Controversies and pitfalls in diagnosing Huntington's Disease.*

Supervisors: Prof. R.A.C. Roos (LUMC, Leiden), Prof. C.E.M. de Die-Smulders;

Co-supervisor: Dr. E.K. Bijlsma (LUMC, Leiden).

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**Anne Mulders** | 5 November, 2020

*Monitoring and Modulating Neuropsychiatric Symptoms in Parkinson's disease and obsessive-compulsive disorder.*

Supervisors: Prof. A.F.G. Leentjens, Prof. Y. Temel.

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**Gwendoline Montes Diaz** | 15 October, 2020

*Immune regulation by mimethyl fumarate (DMF) in relapsing-remitting multiple sclerosis patients.*

Supervisors: Prof. R. Hupperts, Prof. V. Somers, Hasselt, Dr. J. Fraussen, Hasselt.

---

**Antoine Bernas** | 29 September, 2020

*Resting-state fMRI neurodynamics in neuropsychiatric disorders.*

Supervisors: Prof. A.P. Aldenkamp, Dr. S. Zinger, TUE.

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**Hannah Christie** | 18 September, 2020

*The Implementation of EHealth in Dementia Care: Lessons Learned.*

Supervisors: Prof. M.E. de Vugt, Prof. F.R.J. Verhey;

Co-supervisor: Dr. H.J. Tange.

---

**Roel van Reij** | 17 September, 2020

*Genetic Risk Factors in prediction and treatment of Chronic Post-Surgical Pain.*

Supervisor: Prof. E.A.J. Joosten;

Co-supervisor: Dr. N.J. van den Hoogen.

---

**Sara Bartels** | 17 September, 2020

*Monitoring Everyday Life in Aging & Dementia - Perspectives from Experience Sampling and Technology Use.*

Supervisors: Prof. F.R.J. Verhey, Prof. M.E. de Vugt;

Co-supervisors: Dr. R.J.M. van Knippenberg, Dr. C. Malinowsky - (Karolinska Institutet, Sweden).

---

**Britt van Hagen** | 14 September, 2020

*Improving Pattern Separation and Cognition: Effects of Pharmacological Interventions on Rodent Behavior and Neuroplasticity.*

Supervisors: Prof. J. Prickaerts, Prof. H. Schmidt.

---

**Daniël Verberne** | 11 September, 2020

*Psychosocial outcome after stroke and traumatic brain injury - Longitudinal perspectives and recommendations for aftercare.*

Supervisors: Prof. C.M. van Heugten, Prof. R.W.H.M. Ponds;

Co-supervisor: Dr. M.E.A.L. Kroese.

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**Sascha Meyer** | 11 September, 2020

*Visual Associative Learning in Alzheimer's Disease and Performance Validity.*

Supervisor: Prof. R.W.H.M. Ponds;

Co-supervisor: Dr. J.F.M. de Jonghe.

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**Youssef Yakkoui** | 9 September, 2020

*Molecular biomarkers in skull base chordoma.*

Supervisors: Prof. Y. Temel, Prof. M. van Engeland.

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**Eva Koetsier** | 2 September, 2020

*Dorsal Root Ganglion Stimulation for Pain Relief in Painful Polyneuropathy: Efficacy and Mechanism of Action.*

Supervisors: Prof. E.A.J Joosten, Prof. J.A.M. van Zundert;

Co-supervisor: Dr. S.M.J. van Kuijk.

---

**Britta Nijse** | 2 September, 2020

*Cognition after stroke; various perspectives.*

Supervisors: Prof. C.M. van Heugten, Prof. J.M.A. Visser/Meily, Prof. J.M. Spikman;

Co-supervisor: Dr. P.L.M. de Kort.

---

**Alexander Grønning** | 28 August, 2020

*Big Data Analytics in Bioinformatics.*

Supervisors: Prof. J. Baumbach - (University of Southern, Denmark), Prof. H.H.H.W. Schmidt;

Co-supervisor: Dr. R. Röttger.

---

**Mahmoud Elbatrik** | 26 August, 2020

*Network pharmacology for mechanistically redefined comorbidities.*

Supervisor: Prof. H.H.H.W. Schmidt;

Co-supervisor: Dr. A.I. Casas Guijarro.

---

**Printha Kentheeswaran-Wijesinghe** | 25 August, 2020

*Age-related cytoskeletal pathologies: A study on elderly brains to investigate the extent of neuropathological and cerebrovascular changes at death and their risk factors.*

Supervisors: Prof. H. Steinbusch, Prof. R. De Silva - (University of Sri Jayewardenepura), Prof. D. Shankar - (NIMHANS Bangalore).

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**Majed Aldehri** | 20 July, 2020

*Deep brain stimulation, memory functions and mechanisms.*

Supervisor: Prof. Y. Temel;

Co-supervisors: Dr. S. Hescham; Dr. A. Jahanshahianvar.

---

**Murat Atagün** | 27 May, 2020

*Cognitive neurophysiology and neurochemistry in bipolar disorder.*

Supervisor: Prof. Th. van Amelsvoort;

Co-supervisors: Dr. S. Göllöksüz; Dr. M. Drukker.

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**Nalini Atcharayam** | 23 April, 2020

*Duchenne Muscular Dystrophy: The NIMHANS Experience.*

Supervisors: Prof. T. Delhaas; Prof. B.W. Kramer.

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**Mark van Tilburg** | 6 March, 2020

*Advancement in cVEMP's.*

Supervisors: Prof. H. Kingma; Prof. S. Rauch, Harvard;

Co-supervisors: Dr. R. van de Berg; Dr. B. Herrmann, Boston.

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**Kimberley Noij** | 6 March, 2020

*Cervical vestibular evoked myogenic potentials. Toward optimizing clinical use.*

Supervisors: Prof. H. Kingma, Prof. S.D. Rauch, MD, Massachusetts Eye and Ear, Harvard;

Co-supervisor: Dr. R. van de Berg.

---

**Eric Fonseca Wald** | 6 March, 2020

*Absence Epilepsy and Panayiotopoulos Syndrome: Neurocognition and Brain Development.*

Supervisor: Prof. R.J. Vermeulen;

Co-supervisors: Dr. S. Klinkenberg, Dr. M.J.A. Debeij-van Hall, Dr. J.G.M. Hendriksen,  
Epilepsiecentrum Kempenhaeghe.

---

**Dmitrii Pavlov** | 5 March, 2020

*The contribution of CNS inflammation and Glycogen Synthase Kinase-3 (GSK-3)-cascades on adverse memory learning on mouse models of emotional stress.*

Supervisor: Prof. K. Lesch, Universitätsklinikum Würzburg;

Co-supervisors: Dr. T. Strekalova, Prof. L. Bettendorff, University of Liège.

---

**Ekaterina Veniaminova** | 5 March, 2020

*The impact of the 'Western Diet' on Emotional, Social and Cognitive Behaviours as revealed by a study on conventional and serotonin Transporter-Deficient Mice.*

Supervisor: Prof. K. Lesch, Universitätsklinikum Würzburg;

Co-supervisors: Dr. T. Strekalova; prof. D.C. Anthony, Oxford.

---

**Anna Gorlova** | 5 March, 2020

*Understanding the Molecular Mechanisms of Aggression in BALB/C and TPH2-Deficient Mice.*

Supervisor: Prof. K. Lesch, Universitätsklinikum Würzburg;

Co-supervisors: Dr. T. Strelakova; Prof. L. Bettendorff, University of Liège.

---

**Gerhard Dr.enthen** | 7 February, 2020

*Myelin and networks, Magnetic Resonance Imaging in Epilepsy.*

Supervisors: Prof. W.H. Backes; Prof. A.P. Aldenkamp;

Co-supervisor: Dr. J.F.A. Jansen.

---

**Koos Hovinga** | 7 February, 2020

*Angiogenesis Inhibition in Glioblastoma.*

Supervisor: Prof. Y. Temel;

Co-supervisor: Prof. V. Tabar, New York, USA.

---

**Abhishek Appaji** | 30 January, 2020

*Retinal vascular features as a biomarker for psychiatric disorders.*

Supervisor: Prof. C.A.B. Webers;

Co-supervisors: Dr. T.T.J.M. Berendschot, Dr. Naren P. Rao.

---

**Nagy Youssef** | 23 January, 2020

*Epigenetics, resilience and brain stimulation: advances in the mechanistic and therapeutic utility in patients with affective (PTSD and mood) disorders.*

Supervisor: Prof. B.P.F. Rutten;

Co-supervisor: Prof. P. Sienaert, KU Leuven.

---

**Simone Verhagen** | 10 January, 2020

*The power of individual landscapes; A clinical exploration of personal experience sampling and new horizons.*

Supervisors: Prof. P.A.E.G. Delespaul; Prof. J.J. van Os, UM/UU;

Co-supervisor: Dr. C.J.P. Simons.

---

**Nikos Priovoulos** | 9 January, 2020

*Structural and functional imaging of the locus coeruleus at 7T: from methodological to clinical application.*

Supervisor: Prof. F.R.J. Verhey;

Co-supervisors: Dr. H.I.L. Jacobs, Dr. B.A. Poser.

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**Joost Riphagen** | 8 January, 2020

*Vascular matters in aging and dementia.*

Supervisor: Prof. F.R.J. Verhey;

Co-supervisor: Dr. H.I.L. Jacobs.

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**Johan Haumann** | 8 January, 2020

*Prevalence and pharmacological treatment of pain in patients with cancer; The role of opioids with and without NMDA receptor affinity.*

Supervisor: Prof. E.A. Joosten;

Co-supervisors: Prof. M.H.J. van den Beuken-van Everdingen, Dr. S.M.J. Van Kuijk.

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**2019**

**Leonie Banning** | 20 December, 2019

*Neuropsychiatric symptoms in Alzheimer's disease; Associations with biomarkers.*

Supervisor: Prof. F.R.J. Verhey;

Co-supervisors: Dr. P. Aalten, Dr. I.H.G.B. Ramakers.

---

**Fares Nigim** | 20 December, 2019

*Glioblastoma and Meningioma Biology, Targeted Therapy and Oncolytic Virus Therapy.*

Supervisors: Prof. Y. Temel, Prof. S.D. Rabkin, Harvard;

Co-supervisors: Dr. H. Wakimoto, Harvard, Dr. L. Ackermans.

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**Adriana (Janine) Collet** | 19 December, 2019

*Specific Care on the Interface of Mental health and Nursing home "SpeCIMeN".*

Supervisors: Prof. M.E. de Vugt, Prof. J.M.G.A. Schols, Prof. F.R.J. Verhey.

---

**Ruth Gussenhoven** | 16 December, 2019

*Antenatal inflammatory insults and preterm brain injury: Pathophysiology and therapeutic strategies.*

Supervisors: Prof. B.W. Kramer, Prof. L.J.I. Zimmermann, Dr. T.G.A.M. Wolffs.

---

**Brigitte Brouwer** | 12 December, 2019

*Painful Small Fiber Neuropathy; Symptoms, assessments and interventions.*

Supervisor: Prof. C.F. Faber;



Co-supervisors: Dr. I.S.J. Merkies, Willemstad, Curaçao, Dr. J.G.J. Hoeijmakers.

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**José Geurts** | 11 December, 2019

*Chronic Pain; Impact of Chronic Pain on a Societal, Personal, and Treatment Level.* Supervisors: Prof. C.D. Dirksen, Prof. M. van Kleef;  
co-supervisor: Dr. P.C. Willems.

---

**Paolo Maino** | 6 December, 2019

*Implantable Intrathecal Drug Delivery in Treatment of Chronic Intractable Pain and Spasticity: Improvement of Safety and the Use of Imaging Techniques.*  
Supervisors: Prof. E.A. Joosten, Prof. M. van Kleef.

---

**Lisa Schmiedek** | 5 December, 2019

*Episodic memory in ageing and AD: a possible target for electrical stimulation?*  
Supervisors: Prof. F.R.J. Verhey, Prof. A.T. Sack;  
Co-supervisor: Dr. H.I.L. Jacobs.

---

**Koenraad Meuwissen** | 5 December, 2019

*Burst Spinal Cord Stimulation in a Rat Model of Chronic Neuropathic Pain: Spinal and Supraspinal Mechanisms.*  
Supervisors: Prof. E.A.J. Joosten, Prof. M. van Kleef.

---

**Joke Debruyne** | 28 November, 2019

*Cochlear implantation in adults with early-onset deafness.*  
Supervisors: Prof. B. Kremer, Prof. T. Francart, KU Leuven;  
Co-supervisor: Dr. J. Brokx.

---

**Giovanni Mansueto** | 26 November, 2019

*Childhood adversities and Psychosis: investigation of the potential aetio-pathogenetic mechanisms.*  
Supervisor: Prof. K. Schruers;  
Co-supervisors: Prof. F. Cosci, University of Florence, It, Prof. R. van Winkel, KU Leuven.

---

**Niels Janssen** | 15 November, 2019

*Patterns and pathways. Indicators for potential improvements of dementia care.*  
Supervisors: Prof. F. Verhey, Prof. mr. S. Evers;  
Co-supervisor: Dr. R. Handels.

---

**Pooja Khamar Mayur Raksha** | 15 November, 2019

*Clinical, Molecular and Biomechanical outcomes of SMILE (small incision lenticule extraction) and other refractive surgery techniques.*

Supervisor: Prof. R. Nuijts;

Co-supervisor: Dr. R. Shetty, Bengaluru.

---

**Natasha Pahuja** | 15 November, 2019

*Etiopathogenesis, advanced imaging and treatment outcomes in Asian Indians with keratoconus.*

Supervisor: Prof. R. Nuijts;

Co-supervisor: Dr. R. Shetty, Bengaluru.

---

**Simone Crivelli** | 14 November, 2019

*Sphingolipid metabolism in the pathophysiology and treatment of Alzheimer's disease.*

Supervisors: Prof. P. Martinez-Martinez, Prof. E. de Vries, Vumc;

Co-supervisors: Dr. M. Losen, Dr. M. Mulder, Rotterdam.

---

**Jan-Willem Kallewaard** | 6 November, 2019

*Diagnosis and minimally invasive treatment of chronic discogenic low back pain.*

Supervisor: Prof. M. van Kleef;

Co-supervisors: Prof. H. van Santbrink, Dr. P. Willems.

---

**Shenghua Zong** | 6 November, 2019

*Autoantibodies in disorders of the brain: expanding the spectrum.*

Supervisor: Prof. P. Marinez;

Co-supervisors: Dr. M. Losen, Dr. R. Rouhl.

---

**Mariëlle Pruppers** | 17 October, 2019

*Peripheral Neuropathies: Standardizing Functional Assessment.*

Supervisors: Prof. C.G. Faber, Prof. N.C. Notermans, UU; Dr. I.S.J. Merkies, ius promovendi.

---

**Francesca Snoeijen-Schouwenaars** | 9 October, 2019

*Diagnostic, neuropsychiatric and therapeutic considerations in epilepsy and intellectual disability – medical perspectives –.*

Supervisor: Prof. A.P. Aldenkamp;

Co-supervisors: Dr. H.J. Schelhaas, SEIN Zwolle, Dr. J.G.M. Hendriksen, Kempenhaeghe, Heeze.

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**Raul Felipe Abella Antón** | 16 September, 2019

*Cardiac Surgery Biochemical Monitoring in Congenital Heart Diseases Infants.*

Supervisors: Prof. D. Gazzolo, Prof. L.J.I. Zimmermann, Prof. J.S.H. Vles;

Co-supervisor; Dr. A.W.D. Gavilanes.

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**Reinhilde Melles** | 20 September, 2019

*Vaginal penetration: pain or pleasure? The role of fear and sexual arousal.*

Supervisor: Prof. M.L. Peters;

Co-supervisors: Dr. M. ter Kuile, LUMC, Dr. M. Dewitte.

---

**Darius Henatsch** | 6 September, 2019

*Honey: A Novel Treatment in Chronic Ear Infections.*

Supervisor: Prof. R.J. Stokroos, UMC Utrecht/UM;

Co-supervisor: Dr. J.J. Briedé.

---

**Guillaume Durand** | 5 September, 2019

*The adaptive side of psychopathy. Investigating adaptive characteristics associated with the psychopathic personality.*

Supervisor: Prof. B. Rutten;

Co-supervisor: Dr. J. Lobbestael.

---

**Muhammad Ali** | 30 August, 2019

*Integrative network-based approaches for modelling Human disease.*

Supervisor: Prof. J. Kleinjans;

Co-supervisors: Dr. D. van den Hove; Dr. E. Pishva.

---

**Takashi Koizumi** | 28 August, 2019

*Genetic and neuroinflammatory components of familial and sporadic cerebral Small Vessel Disease.*

Supervisors: Prof. H. Steinbusch, Prof. T. Mizuno, Japan;

Co-supervisor: Dr. S. Foulquier.

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**Gillian Townend** | 2 July, 2019

*Rett Syndrome: Recognising the Communication Challenges, Needs and Potential of Individuals Living with a Rare Disease.*

Supervisor: Prof. L.M.G. Curfs;

Co-supervisor: Dr. P.B. Marschik, Med. University of Graz, Austria.

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**Elke Devocht** | 3 July, 2019

*Combining a cochlear implant and a hearing aid in opposite ears: The best of both worlds.*

Supervisor: Prof. H. Kingma;

Co-supervisor: Dr. E.I.J. George.

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**Bernice Gulpers** | 26 June, 2019

*Anxiety in older adults; Correlates, comorbidities and prognosis with lifespan perspectives.*

Supervisors: Prof. F.R.J. Verhey, Prof. R.C. Oude Voshaar;

Co-supervisor: Dr. S. Köhler.

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**Ana Luisa Gil Martínez** | 24 June, 2019

*Neuroprotection in neurodegenerative processes associated with Parkinsonism and aging.*

*Correlation between dopaminergic neuronal death and glial activation.*

Supervisors: Prof. H.W.M. Steinbusch, Prof. Maria-Trinidad Herrero Ezquerro, University of Murcia.

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**Thomas Draak** | 21 June, 2019

*Peripheral Neuropathy outcome measures Standardisation (PeriNomS) study part 3: Capturing the Patient's Voice.*

Supervisor: Prof. C.G. Faber;

Co-supervisor: Dr. I.S.J. Merkies.

---

**Jeroen Deenik** | 22 May, 2019

*Thinking inside the box; Changing lifestyle to improve the health status of inpatients with severe mental illness.*

Supervisor: Prof. P.N. Harten;

Co-supervisors: Dr. D.E. Tenback, Dr. I.J.M. Hendriksen.

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**Mari Elshout** | 16 May, 2019

*Neovascular Age-Related Macular Degeneration in the Era of Value-Based Health Care.*

Supervisor: Prof. C.A.B. Webers;

Co-supervisor: Dr. J.S.A.G. Schouten.

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**Robbert Maatman** | 8 May, 2019

*Anterior cutaneous nerve entrapment syndrome (acnes): an analysis of various subtypes and alternative treatment modalities.*

Supervisor: Prof. M. van Kleef;

Co-supervisors: Dr. R.M.H. Roumen, Dr. M.R.M. Scheltinga.

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**Thyagi Ponnampereuma** | 18 April, 2019

*Mental Health Problems in Sri Lankan Adolescents Exposed to the Tsunami and Other Traumatic Events.*

Supervisor: Prof. M.W. De Vries;

Co-supervisor: Dr. N.A. Nicolson.

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**Mor Dickman** | 12 April, 2019

*Practice patterns and outcomes of corneal transplantation.*

Supervisor: Prof. R.M.M.A. Nuijts;

Co-supervisors: Dr. T.J.M. Berendschot, Dr. F.J.H.M. van den Biggelaar.

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**Lotte Berk** | 22 March, 2019

*MINDFULNESS AND AGING: Exploring Mechanisms and Interventions.*

Supervisors: Prof. J. van Os, Prof. M.W. de Vugt;

Co-supervisor: Dr. M.P.J. van Boxtel.

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**Bianca de Greef** | 15 March, 2019

*Small fiber neuropathy: from underlying conditions to treatment.*

Supervisor: Prof. C.A. Faber;

Co-supervisors: Dr. I.S.J. Merkies, Dr. J.G.J. Hoeijmakers.

---

**Ivo Eijkenboom** | 22 February, 2019

*A zebrafish model of small-fiber neuropathy.*

Supervisors: Prof. H.J.M. Smeets, Prof. C.G. Faber;

Co-supervisor: Dr. J. Vanoevelen.

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**Chenxing Zhang** | 8 February, 2019

*Novel insights in the pathophysiology of cerebral small vessel disease – a study using advanced imaging techniques.*

Supervisors: Prof. R.J. van Oostenbrugge, Prof. W.H. Backes;

Co-supervisor: Dr. J. Staals.

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**Martinus van Eerd** | 17 January, 2019

*Diagnosis and Interventional Pain Treatment of Cervical Facet Joint Pain.*

Supervisor: Prof. M. van Kleef;

Co-supervisors; Dr. J. Patijn, Eindhoven, Dr. M. Sommer.

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**Cécile Kicken** | 17 January, 2019

*Extreme blood coagulation; investigating the influence of physiological extremes on thrombin generation and platelet activation.*

Supervisor: Prof. W. Buhre;

Co-supervisors; Dr. B. de Laat, Dr. M. Lancé, Qatar.

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**Eveline Janssen** | 10 January, 2019

*Depression in the elderly: focus on high risk groups.*

Supervisors: Prof. F. Verhey, Prof. M. de Vugt;

Co-supervisor: Dr. M. Schram.

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**Jans van Ool** | 9 January, 2019

*Diagnostic and neuropsychiatric considerations in epilepsy and intellectual disability; Psychological perspectives.*

Supervisor: Prof. A. Aldenkamp;

Co-supervisors: Dr. J. Hendriksen, Dr. H. Schelhaas, Kempenhaeghe.

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## 2018

**Rajani Ravindra Battu** | 21 December, 2018

*Inherited Retinal Diseases: New Imaging and Molecular Genetics.*

Supervisor: Prof. C.A.B. Webers;

Co-supervisors: Dr. J.S.A.G. Schouten, CWZ, Dr. T.T.J.M. Berendschot.

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**Giovane Diniz** | 18 December, 2018

*Weaning-induced alterations on neuropeptidergic populations of the rat hypothalamus.*

Supervisors: Prof. H. Steinbusch, Prof. J. Bittencourt, ICB/USP, Brasil.

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**Ulrich Mehnert** | 13 December, 2018

*The management of urine storage dysfunction in the neurological patient.*

Supervisors: Prof. G. van Koevinge, Prof. Ph.van Kerrebroeck, Prof. S. Wachter, Antwerpen, Prof. E. Chartier-Kastler, Sorbonne, Paris.

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**Henrietta Steinhart** | 12 December, 2018

*Same Same but Different; Psychological Interventions and how to Mind the Knowledge Practice Gap.*

Supervisor: Prof. I. Myin-Germeys;

Co-supervisor: Dr. U. Reininghaus.

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**Liselot Kerpershoek** | 7 December, 2018

*Access to formal dementia care; A European perspective.*

Supervisors: Prof. F. Verhey, Prof. M. de Vugt, Prof. B. Woods, Bangor University, UK;

Co-supervisor: Dr. C. Wolfs.

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**Esther van Duin** | 29 November, 2018

*Dancing in the (B)rain'; neurobiology of reward, stress & Information processing in 22q11.2 deletion syndrome.*

Supervisors: Prof. T. van Amelsvoort, Prof. J. Booij, UvA;

Co-supervisor: Dr. D. Hernaus.

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**Lisanne Breuer** | 22 November, 2018

*Accelerated Cognitive Ageing in Epilepsy' Does it Exist?*

Supervisors: Prof. A. Aldenkamp, Prof. P. Boon, UZ Gent;

Co-supervisors: Dr. A. de Louw, Kempenhaeghe, Heeze, Dr. S. Zinger, TUE.

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**Rob Verdonschot** | 15 November, 2018

*Oropharyngeal dysphagia and its psychiatric Comorbidities; The prevalence of affective symptoms and the unmet clinical need for integrated care in medically unexplained symptoms.*

Supervisor: Prof. B. Kremer;

Co-supervisors; Dr. L. Baijens, Dr. S. Vanbelle.

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**Chiara Fabbri** | 14 November, 2018

*Pharmacogenomics of antidepressant drugs: perspectives for the personalization of treatment in depression.*

Supervisors: Prof. K. Schruers, Prof. A. Serretti, Bologna.

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**Roel Haeren** | 26 October, 2018

*Vascular ventures; Analysis of vascular structures and function in epilepsy.*

Supervisor: Prof. Y Temel;

Co-supervisors: Dr. K. Rijkers, Dr. G. Hoogland.

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**Alieske Dam** | 25 October, 2018

*INLIFE; An innovative online social support intervention for caregivers of persons with dementia.*

Supervisors: Prof. M.E. de Vugt, Prof. F.R.J. Verhey;

Co-supervisor: Dr. M.P.J. van Boxtel.

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**Georgios Schoretsanitis** | 22 October, 2018

*Risperidone-based therapeutic regimens; Drug interactions and adverse Drug reactions.*

Supervisor: Prof. K.R.J. Schruers;

Co-supervisor: Dr. M. Bak.

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**Stijn Michielse** | 19 October, 2018

*Road work ahead; cerebral pathways mediating Psychological mechanisms underlying the psychosis spectrum.*

Supervisor: Prof. J.J. van Os;

Co-supervisor: Dr. M.C. Marcelis.

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**Isabelle Bos** | 12 October, 2018

*Biomarkers of Alzheimer's disease; relations with vascular factors and cognition in the pre-dementia stages.*

Supervisors: Dr. P.J. Visser; Prof. F.R.J. Verhey;

Co-supervisor: Dr. S.J.B. Vos.

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**Syenna Schievink** | 5 October, 2018

*Vascular cognitive impairment; at the heart of the matter.*

Supervisors: Prof. F.R.J. Verhey, Prof. R.J. van Oostenbrugge;

Co-supervisor: Dr. S. Köhler.

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**Bindu Paravil Sankaran** | 21 September, 2018

*Brain MRI in Mitochondrial Disorders: Correlating the Phenotype with Genotype.*

Supervisors: Prof. H. Smeets, Prof. A. Taly, NIMHANS, Bangalore, India.

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**Jasper Smit** | 21 September, 2018

*Exploring deep brain stimulation as a treatment for tinnitus.*

Supervisors: Prof. R.J. Stokroos, Prof. Y. Temel;

Co-supervisor: Dr. Jahanshahianvar.

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**Nils Guinand** | 20 September, 2018



*The Vestibular Implant: a more stable horizon for patients with a bilateral vestibular deficit?*

Supervisors: Prof. H. Kingma, Prof. J.-P. Guyot, Université de Genève, CH.

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**Raymond van de Berg** | 20 September, 2018

*The Vestibular Implant: Feasibility in humans.*

Supervisor: Prof. H. Kingma;

Co-supervisor: Dr. J.-P. Guyot, Université de Genève, CH.

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**Chiara Peila** | 12 September, 2018

*Effects of Pasteurization and Refrigerated Storage on Human Milk Neurobiomarkers Concentrations.*

Supervisors: Prof. D. Gazzallo, Alessandria, It./MUMC+, Prof. G. Visser, UU, Prof. E. Bertino, Alessandria, It.

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**Loes Leenen** | 7 September, 2018

*Self-management in Epilepsy; The Goal is: "Live with a Z(s)mile.*

Supervisors: Prof. H.J.M. Majoie, Prof.mr. S.M.A.A. Evers, Prof. C.M. van Heugten.

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**Daisy Hoofwijk** | 5 September, 2018

*The way to understanding Chronic Postsurgical Pain; From clinical and psychological predictors to incorporating genetics.*

Supervisors: Prof. W.F.F.A. Buhre, Prof. E.A.J. Joosten;

Co-Supervisors: Dr. H.-F. Gramke, Dr. A.A.A. Fiddelers.

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**Laura Wielders** | 30 August, 2018

*Prevention & Treatment of Cystoid Macular Edema after Cataract Surgery.*

Supervisor: Prof. R.M.M. Nuijts;

Co-supervisors: Dr. J.S.A.G. Schouten, CWZ Nijmegen, Dr. B. Winkens.

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**Artemis Iatrou** | 12 July, 2018

*Epigenetics in mental and neurodegenerative disorders.*

Supervisor: Prof. B.P.F. Rutten;

Co-supervisors: Dr. D.L.A. van den Hove, Dr. G. Kenis.

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**Michael Kemna** | 5 July, 2018

*Predicting relapses in ANCA associated vasculitis.*

Supervisor: Prof. J.W. Cohen Tervaert;

Co-supervisors: Dr. J. Damoiseaux, Dr. P. van Paassen.

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**Simone Schüller** | 5 July, 2018

*Characterization of Stem and Immune Cell Ontogeny to Inform Prevention and Treatment of Infections in Preterm Newborns.*

Supervisors: Prof. B.W.W. Kramer, Prof. A. Berger, Wien;

Co-supervisor: Dr. E. Villamor.

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**Whitney Freeze** | 28 June, 2018

*Microvascular contributions to dementia; Exploring the role of blood-brain barrier leakage in cerebral small vessel disease and Alzheimer disease.*

Supervisors: Prof. F.R.J. Verhey, Prof. W.H. Backes;

Co-supervisor: Dr. H.I.L. Jacobs.

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**Catherine Vossen** | 27 June, 2018

*Cortical processing of pain; the role of habituation.*

Supervisors: Prof. E.A. Joosten, Prof. J. van Os, UU/UM;

Co-supervisor: Dr. R. Lousberg.

---

**Magdalena Weidner** | 20 June, 2018

*Brain serotonin throughout development – for better and for worse.*

Supervisors: Prof. H.W.M. Steinbusch, Prof. K.P. Lesch, JM.Univ. Würzburg;

Co-supervisor: Dr. D.L.A. van den Hove.

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**Aryo Zare** | 19 June, 2018

*Unveiling the sensory connections between the bladder and the brain that involve the periaqueductal gray matter.*

Supervisor: Prof. G.A. van Koeveeringe;

Co-supervisor: Dr. A. Jahanshahi.

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**Yori van der Steen** | 15 June, 2018

*Dissecting the psychosis continuum; risk factors along the pathway from experiences to disorder.*

Supervisors: Prof. I. Myin-Germeys, KU Leuven/UM, Prof. R. van Winkel, KU Leuven.

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**Thomas Vaessen** | 13 June, 2018

*Stress sensitivity in psychosis: assessment, mechanism & intervention.*

Supervisor: Prof. I. Myin-Germeys, KU Leuven/UM.

---

**Petronella de Meij** | 7 June, 2018

*Quality indicators for the assessment of pain clinic care: A step forward? Quality from professionals and pain patients' perspective (QiPPP).*

Supervisors: Prof. G.D.E.M. van der Weijden, Prof. M. van Kleef;

Co-supervisor: Dr. A.J.A. Köke.

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**Thierry Mentzel** | 7 June, 2018

*Capturing the cacophony of movement.*

Supervisors: Prof. P.N. van Harten, Prof. H.A.M. Daanen, VUA;

Co-supervisor: Dr. O.J.N. Bloemen, GGZ Hilversum/UM.

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**Margaretha Skowron** | 7 June, 2018

*Cisplatin resistance in urothelial carcinoma; Understanding and targeting inherent and acquired mechanisms.*

Supervisors: Prof. G.A. van Koeveringe, Prof. P. Albers, Heinrich-Heine Univ. Düsseldorf;

Co-supervisors: Dr. J.G.H. van Roermund, Dr. A. Romano.

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**Anouk Smeets** | 1 June, 2018

*New insights in deep brain stimulation for Tourette syndrome.*

Supervisor: Prof. Y. Temel;

Co-supervisors: Dr. L. Ackermans, Dr. A.A. Duits, Dr. A.F.G. Leentjens.

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**Marasha-Fiona de Jong** | 18 May, 2018

*Between mood and matter; studies on the interface between mood disorders and physical conditions.*

Supervisor: Prof. F.P.M.L. Peeters;

Co-supervisors: Prof. Mischoulon.

---

**Jindra M. Bakker** | 24 May, 2018

*On the bumpy road of happiness: Mechanisms of daily life reward processing and how it can be changed.*

Supervisors: Prof. M. Wichers, UMC Groningen, Prof. I. Myin-Germeys, KU Leuven/UM;

Co-supervisor: Dr. L. Goossens.

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**Carolin Hoffmann** | 20 April, 2018

*The Brain under Attack: Autoantibodies in Psychotic Disorders.*

Supervisors: Prof. P. Martinez, Prof. B. Rutten, Prof. J. van Os, UU/UM.

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**Carlota Mestres Gonzalvo** | 12 April, 2018

*Medication optimisation; Methodological aspects and new strategies.*

Supervisors: Prof. F.R.J. Verhey, Prof. P.H.M. van der Kuy, Erasmus MC Rotterdam;

Co-supervisor: Dr. R. Janknegt, Zuyderland MC.

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**Nynke van den Hoogen** | 6 April, 2018

*Repetitive painful procedures in the neonate: Treatment and adult pain sensitivity.* Supervisors:

Prof. E.A.J. Joosten, Prof. D. Tibboel, Erasmus MC-Sophia, Rotterdam;

Co-supervisor: Dr. J. Patijn.

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**Walmari Pilz** | 29 March, 2018

*Shedding light on oropharyngeal dysphagia in myotonic dystrophy type 1.*

Supervisor: Prof. B. Kremer;

Co-supervisors: Dr. L.W.J. Baijens; Dr. V. Lima Passos.

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**Andrea Balthasar** | 23 March, 2018

*Eyes of the needle; Spectral tissue sensing, an innovative technology for detecting various tissue types during percutaneous needle-based procedures in locoregional anesthesia and pain medicine.*

Supervisor: Prof. M. van Kleef;

Co-supervisor: Dr. G-J. van Geffen, Radboud UMC Nijmegen.

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**Kürşat Altınbaş** | 22 March, 2018

*Reconstructing The Diagnostic Framework of Bipolarity.*

Supervisor: Prof. J. van Os;

Co-supervisor: Dr. I.S. Gülöksüz.

---

**Annelie Klippel** | 21 March, 2018

*Navigating through complexity; processes and mechanisms underlying the development of psychosis.*

Supervisors: Prof. I. Myin-Germeys, KU-Leuven, Prof. M.C. Wichers, UMC Groningen;

Co-supervisor: Dr. U. Reininghaus.

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**Chaitra Jayadev** | 16 March, 2018

*Impact of imaging the pediatric retina.*

Supervisor: Prof. C.A.B. Webers;

Co-supervisors: Dr. N.J.C. Bauer, Dr. A. Vinekar.

---

**Lalit Gupta** | 8 March, 2018

*Inhomogeneities in spontaneous brain fluctuations.*

Supervisors: Prof. WH. Backes, Prof. P.A.M. Hofman;

Co-supervisor: Dr. J.F.A. Jansen.

---

**Matthias Walter** | 5 March, 2018

*Multi-methodological approaches to investigate lower urinary tract function in health and disease.*

Supervisors: Prof. Ph.E.V.A. van Kerrebroek, Prof. G.A. van Koevinge, Prof. A. Curt, Zürich, CH.

---

**Suzanne Roggeveen** | 2 March, 2018

*Interference of mobile phone with electrophysiology and emotions; results from short-term experimental studies.*

Supervisor: Prof. J. van Os;

Co-supervisor: Dr. R. Lousberg.

---

**Sumitha Rajendrarao** | 27 February, 2018

*New Insight into the Multifaceted Pathogenic Mechanisms of Sporadic Amyotrophic Lateral Sclerosis.*

Supervisors: Prof. B.W. Kamer, Prof. H.W. Steinbusch;

Co-supervisor: Prof. T.R. Raju, NIMHANS, Bangalore, India.

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**Ganne Chaitanya** | 26 February, 2018

*Epilepsy: A network disorder.*

Supervisors: Prof. A.P. Aldenkamp, Prof. P. Satishchandra, NIMHANS, Bangalore, India; Co-

supervisors: Dr. J.F.A. Jansen, Dr. S. Zinger, TUE.

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**Rachel Slangen** | 21 February, 2018

*Spinal cord stimulation in painful diabetic peripheral Neuropathy. Clinical- and cost-effectiveness.*

Supervisors: Prof. M. van Kleef, Prof. C. Dirksen, Prof. C. Faber.

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**Babette Reijs** | 21 February, 2018

*Cognitive correlates of cerebrospinal fluid biomarkers for Alzheimer's disease.*

Supervisor: Prof. F.R.J. Verhey;

Co-supervisors: Dr. P.J. Visser, Dr. I.H.G.B. Ramakers.

---

**Harsha Birur Laxmana Rao** | 9 February, 2018

*Revisiting the vascular theory of glaucoma using optical coherence tomography angiography.*

Supervisors: Prof. C.A.B. Webers, Prof. R.N. Weinreb, University of California, San Diego.

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**Mark van Winkel** | 2 February, 2018

*Lonely at heart and stressed in company of Others; the influence of daily life social experiences and emotions on depression.*

Supervisors: Prof. F. Peeters, Prof. I. Myin-Germeys, KU Leuven/UM, Prof. M. Wichers, UMC Groningen.

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**Sau May Wong** | 30 January, 2018

*Advances in Microvasculair MRI Techniques: Breaking the Pathophysiological Barriers in Cerebral Small Vessel Disease.*

Supervisors: Prof. W.H. Backes, Prof. R.J. van Oostenbrugge;

Co-supervisor: Dr. J.F.A. Jansen.

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## 2017

**Steven Honings** | 22 December, 2017

*Exploring psychosis and multidirectional violence: a prospective study in the general population.*

Supervisor: Prof. J. van Os;

Co-supervisor: Dr. M. Drukker.

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**Eline de Clerck** | 22 December, 2017

*Ocular neurodegenerative changes and macular cysts in prediabetes and type 2 diabetes.*

Supervisors: Prof. C.A.B. Webers, Prof. C.D.A. Stehouwer;

Co-supervisor: Dr. J.S.A.G. Schouten.

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**Andrea Herrera Soto** | 18 December, 2017

*Aminochrome, an endotoxin for inducing a new rat model of Parkinson's Disease.*

Supervisor: Prof. H.W.M. Steinbusch;

Co-supervisors: Prof. Juan Segura-Aquilar, Prof. G. Diaz-Veliz, Santiago of Chile.

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**Carsten Leue** | 14 December, 2017

*Hyperarousal in the Hospital and what to do about it: the MED-PSYCH-NET - a transitional network approach fostering personalized care in psychosomatic medicine.*

Supervisors: Prof. J. van Os, Prof. A. Masclee;

Co-supervisors: Dr. J. Strik, Dr. J. Kruimel.

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**Mauro Pessia** | 11 December, 2017

*Brain K<sup>+</sup> Channels: from molecular and physiological features to autism spectrum disorder and intellectual disability.*

Supervisors: Prof. H.W.M. Steinbusch, Prof. M.B. Donati, It.

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**Elles Douven** | 8 December, 2017

*Depression and apathy after stroke.*

Supervisor: Prof. F.R.J. Verhey;

Co-supervisors: Dr. P. Aalten, Dr. J. Staals.

---

**Renske Uiterwijk** | 7 December, 2017

*Cognitive function and cerebral small vessel disease in hypertension.*

Supervisor: Prof. R.J. van Oostenbrugge;

Co-supervisor: Dr. J.E.A. Staals.

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**Melina Barkhuizen** | 4 December, 2017

*Genetic and perinatal risk factors for movement disorders.*

Supervisors: Prof. B.W.W. Kramer, Prof. H.W.M. Steinbusch, Prof. A.F. Grobler;

Co-supervisor: Dr. A.W.D.Gavilanes-Jimenez.

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**Maarten van Beek** | 30 November, 2017

*Spinal Cord Stimulation in Clinical and Experimental Painful Diabetic Polyneuropathy.*

Supervisors: Prof. E.A. Joosten, Prof. M. van Kleef;

Co-supervisor: Dr. S.M.J. van Kuijk.

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**Linda Rolf** | 24 November, 2017

*Mapping the effects of vitamin D in multiple sclerosis A 3D Perspective.*

Supervisor: Prof. R.M.M. Hupperts;

Co-supervisors: Dr. J.G.M.C. Damoiseaux, Dr. J.J.F.M. Smolders, CWZ Nijmegen.

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**Willem Zwaans** | 17 November, 2017

*Strategies for chronic inguinal pain.*

Supervisor: Prof. M. van Kleef;

Co-supervisors: Dr. R.H.M. Roumen, Dr. M.R.M. Scheltinga, MMC Veldhoven.

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**Michael Gofeld** | 17 November, 2017

*Strengths and limitations of the lumbar spine ultrasound-guided interventions.*

Supervisor: Prof. M. van Kleef;

Co-supervisor: Dr. M. Sommer.

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**Ruben Hendriksen** | 16 November, 2017

*Evidence for a dystrophin-associated encephalopathy in Duchenne Muscular Dystrophy.*

Supervisor: Prof. J.S.H. Vles;

Co-supervisors: Dr. G. Hoogland, Dr. M.W. Aalbers, UMC Groningen.

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**Iris Lange** | 9 November, 2017

*Should I stay or should I go ? Brain mechanisms underlying fear and safety learning, and exposure therapy outcome.*

Supervisors: Prof. K.R.J. Schruers, Prof. T.A.M.J. van Amelsfoort;

Co-supervisor: Dr. L. Goossens.

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**Kevin Rademakers** | 26 October, 2017

*Detrusor Underactivity: From Theory To Clinical Assessment.*

Supervisors: Prof. G.A. van Koeveeringe, Prof. Ph.E.V. van Kerrebroeck;

Co-supervisor: Dr. M. Oelke.

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**Tim Batink** | 20 October, 2017

*Third Wave Behaviour Therapy: Process Measures and Contextual Interventions.*

Supervisors: Prof. F.P.M.L. Peeters, Prof. J.J. van Os, Prof. M.C. Wichers, UMC Groningen.

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**Charlotte Mentzel** | 4 October, 2017

*The course recognition and treatment of movement disorders in severe mental illness.*

Supervisors: Prof. P.N. van Harten, Prof. M.A.J. de Koning-Tijssen, UMCG;

Co-supervisor: Dr. P.R. Bakker.

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**Roy Lardenoije** | 7 September, 2017

*A venture into the epigenetics of aging and Alzheimer's Disease.*

Supervisors: Prof. B.P.F. Rutten, Prof. H.W.M. Steinbusch;

Co-supervisors: Dr. D. van den Hove, Dr. C.A. Lemere, USA.

---

**Evelien Barendse** | 7 September, 2017

*Autism Spectrum Disorders in High functioning Adolescents; Diagnostic considerations (AHA).*

Supervisors: Prof. A.P. Aldenkamp; Prof. R.P.C. Kessels, Radboud University.

---

**Tamar van Veenendaal** | 13 July, 2017

*Neurotransmitters & Networks. An MR view on epilepsy and antiepileptic drugs.*

Supervisors: Prof. W.H. Backes, Prof. A.P. Aldenkamp;

Co-supervisor: Dr. J.F.A. Jansen.

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**Désirée Vrijens** | 6 July, 2017

*Dysfunctions of the Lower Urinary Tract and Affective Symptoms.*

Supervisors: Prof. Ph.E.V. van Kerrebroeck, Prof. G.A. van Koeveringe;

Co-supervisor: Dr. C. Leue.

---

**Sven van Poucke** | 5 July, 2017

*Platelets, from sample to big data; exploring granularity in platelet research.*

Supervisors: Prof. M.A.E. Marcus, Prof. W. Buhre;

Co-supervisor: Dr. M. Lancé.

---

**Pim Heckman** | 4 July, 2017

*Targeting phosphodiesterase type 4 for improving cognitive fronto-striatal function: a translational approach.*

Supervisor: Prof. J.G. Ramaekers;

Co-supervisors: Dr. J.H.H.J. Prickaerts, Dr. A. Blokland.

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**Alessandro Varrica** | 19 June, 2017

*S100B Protein and Congenital Heart Diseases: Brain Aspects.*

Supervisors: Prof. D. Gazzalo, Alessandria, Italy, Prof. J.S.H. Vles, Prof. L.J.I. Zimmermann;

Co-supervisor: Dr. A.W.D. Gavilanes.

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**Laura Serpero** | 19 June, 2017

*Next Generation Biomarkers in Perinatal Medicine: S100B Protein.*

Supervisors: Prof. D. Gazzalo, Alessandria, Italy, Prof. B.W.W. Kramer;

Co-supervisor: Dr. A.W.D. Gavilanes.

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**Anna Cleutjens** | 16 June, 2017

*COgnitive-Pulmonary Disease? Neuropsychological functioning in patients with COPD.*

Supervisors: Prof. E. Wouters, Prof. R. Ponds;

Co-supervisors: Dr. D. Janssen, Horn, Dr. J. Dijkstra.

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**Maurice Theunissen** | 7 June, 2017

*Understanding factors affecting postoperative Quality of Life.*

Supervisors: Prof. M. Peters, Prof. M. Marcus;

Co-supervisor: Dr. H. Gramke.

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**Brechje Dandachi-FitzGerald** | 2 June, 2017

*Symptom validity in clinical assessments.*

Supervisors: Prof. R. Ponds, Prof. F. Verhey.

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**Kay Deckers** | 11 May, 2017

*The role of lifestyle factors in primary prevention of dementia; an epidemiological perspective.*

Supervisor: Prof. F. Verhey;

Co-supervisor: Dr. M. van Boxtel, Dr. S. Köhler.

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**Willem Buskermolen** | 4 May, 2017

*If only I could tell ...; Measuring predictors for challenging behaviour in people with both intellectual disability and hearing impairment.*

Supervisor: Prof. A. Aldenkamp;

Co-supervisor: Dr. J. Hoekman, UL.

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**Merijn van de Laar** | 3 May, 2017

*Individual differences in insomnia; implications of Psychological factors for diagnosis and treatment.*

Supervisors: Prof. A. Aldenkamp, Prof. D. Pevernagie, Universiteit Gent;

Co-supervisor: Dr. S. Overeem, TUE.

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**Nataliia Markova** | 2 May, 2017

*Modified swim test as a mouse depression paradigm of enhanced Cognitive processing: the role of GSK3β.*

Supervisors: Prof. H. Steinbusch, Prof. K-P. Lesch, University of Wuerzburg;

Co-supervisor: Dr. T. Strelakova.

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**Wilma Boevink** | 13 April, 2017

*HEE! Over Herstel, Empowerment en Ervaringsdeskundigheid in de psychiatrie.*

Supervisors: Prof. J. van Os, Prof. Ph. Delespaul;

Co-supervisor: Dr. H. Kroon.

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**Geor Bakker** | 12 April, 2017

*Innovative Approaches to Understanding the Neurobiology of Psychosis.*

Supervisors: Prof. T. van Amelsfoort, Prof. J. Booij, UvA;

Co-supervisors: Dr. M. Caan, UvA, Dr. O. Bloemen.

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**Patrick Domen** | 12 April, 2017

*Stay connected: a family-based diffusion imaging study in psychotic disorder.*

Supervisor: Prof. J. van Os;

Co-supervisor: Dr. M. Marcelis.

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**Marion Levy** | 5 April, 2017

*Evaluation of BDNF/TrkB signaling as a common target in the treatment of major depression and Alzheimer's disease.*

Supervisors: Prof. H. Steinbusch, Prof. L. Lanfumey, Université Paris Descartes, France;

Co-supervisors: Dr. G. Kenis, Dr. D. van den Hove.

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**Dennis Oerlemans** | 31 March, 2017

*Evolution of Neuromodulation for Lower Urinary Tract Dysfunction; Past, Present and Future.*

Supervisors: Prof. Ph. van Kerrebroeck, Prof. G. van Koeveeringe;

Co-supervisors: Dr. E. Weil, Dr. T. Marcelissen.

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**Claudia Vingerhoets** | 23 March, 2017

*Investigating neurobiological mechanisms underlying comorbid cognitive symptoms in psychosis and substance use.*

Supervisors: Prof. T. van Amelsvoort, Prof. J. Booij, UvA;

Co-supervisor: Dr. O. Bloemen.

---

**Rosalie van Knippenberg** | 17 March, 2017

*Experience sampling in dementia care; an innovative intervention to support caregivers in daily life.*

Supervisors: Prof. F. Verhey, Prof. R. Ponds, Prof. I. Myin-Germeys, KU Leuven;

Co-supervisor: Dr. M. de Vugt.

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**Daan Ophelders** | 16 March, 2017

*Novel treatment strategies for the protection of the preterm brain; Re-balancing inflammation and regeneration.*

Supervisor: Prof. B. Kramer;

Co-supervisors: Dr. T. Wolfs, Dr. R. Jellema.

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**Martin Müller** | 24 February, 2017

*Pregnancy derived products for treatment of perinatal brain injuries.*

Supervisors: Prof. B.W.W. Kramer, Prof. D. Surbek, Bern;

Co-supervisors: Dr. T. Wolfs, Dr. G. Gavilanes.

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**Jan Guy Bogaarts** | 23 February, 2017

*Quantitative EEG and machine learning methods for the detection of epileptic seizures and cerebral asymmetry.*

Supervisor: Prof. W.M. Mess;

Co-supervisor: Dr. J.P.H. Reulen, Dr. E.D. Gommer.

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**Björn Stessel** | 10 February, 2017

*Patient centred care after day surgery: scope for improvement.*

Supervisors: Prof. W. Buhre, Prof. B. Joosten.

Co-supervisor: Dr. A.H. Gramke.

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**Angela Bouwmans** | 26 January, 2017

*Transcranial sonography in parkinsonian disorders: clear window or blurred vision.* Supervisor:

Prof. W.H. Mess;

Co-promotores: Dr. W.E.J. Weber, Dr. A.F.G. Leentjens.

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**Adriana Smits** | 12 January, 2017

*Perinatal factors and hearing outcome.*

Supervisors: Prof. R.J. Stokroos, Prof. B.W. Kramer, Prof. B. Kremer.

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**2016**

**Aleida Frissen** | 21 December, 2016

*Psychosis and the environment; multimodal assessment of environmental risk factors for psychotic disorders*

Supervisors: Prof. J. van Os

Co-supervisors: Dr. M. Marcelis, Dr. R. Lieveise

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**Janneke Peijnenborgh** | 22 December, 2016

*Assessment of cognition, time perception, and motivation in children.*

Supervisors: Prof. J.S.H. Vles, Prof. A.P. Aldenkamp;

Co-supervisors: Dr. J. Hendriksen, Dr. P. Hurks.

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**Maria Nikiforou** | 20 december, 2016

*Prenatal stress and the fetal gut. Potential interventions to prevent adverse outcomes.*

Supervisors: Prof. B.W. Kramer, Prof. H.W. Steinbusch;

Co-supervisor: Dr. T.G. Wolfs.

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**Mark van den Hurk** | 13 December, 2016

*Neuronal Identity and Maturation: Insights from the Single-Cell Transcriptome.*

Supervisors: Prof. H.W.M. Steinbusch, Prof. B.P.F. Rutten;

Co-supervisors: Dr. G. Kenis, Dr. C. Bardy, Adelaide.

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**Jakob Burgstaller** | 12 december, 2016

*Prognostic indicators for patients with degenerative lumbar spinal stenosis.*

Supervisor: Prof. M. van Kleef;

Co-supervisors: Dr. M.M. Wertli, University of Zurich, Dr. H.F. Gramke.

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**Nienke Visser** | 9 December, 2016

*Toric Intraocular lenses in cataract surgery.*

Supervisor: Prof. R.M.M.A. Nuijts;

Co-supervisor: Dr. N.J.C. Bauer.

---

**Alfredo Ramirez** | 9 December, 2016

*Neurogenetic approach in neurodegenerative disorders.*

Supervisors: Prof. B.P.F. Rutten, Prof. H.W.M. Steinbusch, Prof. M.M. Nöthen, University of Bonn.

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**Dominique IJff** | 9 December, 2016

*Trick or Treat? Cognitive side-effects of antiepileptic treatment.*

Supervisors: Prof. A.P. Aldenkamp, Prof. M. Majoie;

Co-supervisors: Dr. J. Jansen, Dr. R. Lazon, Kempenhaeghe.

---

**João Casaca Carreira** | 8 December, 2016

*Making sense of Antisense Oligonucleotides Therapy in Experimental Huntington's disease.*

Supervisors: Prof. Y. Temel;

Co-supervisors: Dr. A. Jahanshahi, Dr. W. van Roon-Mom, LUMC.

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**Sandra Schipper** | 8 December, 2016

*Extrasynaptic receptors as a treatment target in epilepsy.*

Supervisor: Prof. J.H.S. Vles;

Co-supervisors: Dr. G. Hoogland, Dr. S. Klinkenberg, Dr. M.W. Aalbers, RUG.

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**Martijn Broen** | 2 December, 2016

*Anxiety and depression in Parkinson's disease.*

Supervisor: Prof. R.J. van Oostenbrugge;

Co-supervisors: Dr. A.F.G. Leentjens, Dr. M.L. Kuijf.

---

**Ligia dos Santos Mendes Lemes Soares** | 1 December, 2016

*Phosphodiesterase inhibitors: a potential therapeutic approach for ischemic cerebral injury.*

Supervisor: Prof. H.W.M. Steinbusch;

Co-supervisors: Dr. R.M. Weffort de Oliveira, Brazil; Dr. J. Prickaerts.

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**Willemijn Jansen** | 25 November, 2016

*The Path of Alzheimer's disease: from neuropathology to clinic.*

Supervisor: Prof. F. Verhey;

Co-supervisors: Dr. P.J. Visser, Dr. I. Ramakers.

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**Coenraad Itz** | 16 November, 2016

*Chronic low back pain, considerations about: Natural Course, Diagnosis, Interventional Treatment and Costs.*

Supervisors: Prof. M. van Kleef, Prof. F. Huygen, EUR;

Co-supervisor: Dr. B. Ramaekers.

---

**Harmen Jan van de Haar** | 10 November, 2016

*Microvascular and blood-brain barrier dysfunction in Alzheimer's disease.*

Supervisors: Prof. W. Backes, Prof. F. Verhey;

Co-supervisor: Dr. J. Jansen; Dr. M. v. Osch, LUMC.

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**Rosan Luijckx** | 28 October, 2016

*Stress and pain in muscles and brain; developing psychophysiological paradigms to examine stress and pain interactions.*

Supervisors: Prof. J.J. van Os, Prof. H.J. Hermens, UT;

Co-supervisor: Dr. R. Lousberg.

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**Marco Haanschoten** | 13 October, 2016

*Towards efficient cardiac surgery – the integrating role of anesthesiology and intensive care.*

Supervisors: Prof. W. Buhre, Prof. A. van Zundert (Queensland);

Co-supervisors: Dr. M.A. Soliman Hamad, Dr. A. van Straten (Catharina zkhs.).

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**Jo Stevens** | 28 October, 2016

*Advanced diagnostics and therapeutics for Alzheimer's disease.*

Supervisor: Prof. M. de Baets;

Co-supervisors: Dr. M. Losen, Dr. P. Martinez-Martinez.

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**Gerard Bode** | 14 October, 2016

*The link between ceramide transporters, innate Immunity and Alzheimer's disease.* Supervisor:

Prof. M.H.V. de Baets;

Co-supervisors: Dr. P. Martinez, Dr. M. Losen.

---

**Anne-Hilde Muris** | 7 October, 2016

*Hype or hope? Vitamin D in multiple sclerosis; A clinical and immunological perspective.*

Supervisor: Prof. R.M.M. Hupperts;

Co-supervisor: Dr. J.G.M.C. Damoiseaux.

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**Christianus van Ganzewinkel** | 6 October, 2016

*NEONATAL PAIN; Out of Sight, Out of Mind?*

Supervisor: Prof. B.W.W. Kramer;

Co-supervisors: Dr. P. Andriessen, MMC Veldhoven.

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**Manuela Heins** | 5 October, 2016

*The Relationship between Social Adversity, Psychosis, and Depression across an Individual's Life Span.*

Supervisor: Prof. I. Myin-Germeys.

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**Sizzle Vanterpool** | 30 September, 2016

*The implications of intrauterine invasion by microbes for placental Pathology and the occurrence of adverse pregnancy outcomes.*

Supervisor: Prof. B.W. Kramer.

Co-supervisors: Dr. J.V. Been, Erasmus MC Rotterdam, Dr. U von Rango.

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**Wouter Donders** | 6 July, 2016

*Towards patient-specific (cerebro-) vascular model applications.*

Supervisors: Prof. T. Delhaas, Prof. F.N. van de Vosse, TUE;

Co-supervisor: Dr. W. Huberts.

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**Lizzy Boots** | 1 July, 2016

*Balanced and Prepared; development and evaluation of a supportive e-health intervention for caregivers of people with early-stage dementia.*

Supervisors: Prof. F.R.J. Verhey, Prof. G.I.J.M. Kempen;

Co-supervisor: Dr. M.E. de Vugt.

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**Olaf Schijns** | 1 July, 2016

*Epilepsy surgery and biomarkers from history to molecular imaging.*

Supervisors: Prof. J.J. van Overbeeke, Prof. H. Clustermann, Aachen;

Co-supervisors: Dr. G. Hoogland; Dr. M.J.P. v. Kroonenburgh.

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**Nele Claes** | 16 June, 2016

*B cells as multifactorial players in multiple sclerosis pathogenesis: insights from therapeutics.*

Supervisors: Prof. V. Somers, Hasselt, Prof. R. Hupperts;

Co-supervisors: Prof. P. Stinissen, Dr. J. Fraussen, Hasselt.

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**Rianne Geerlings** | 15 June, 2016

*Transition in patients with childhood-onset epilepsy; a long way to adulthood.*

Supervisor: Prof. A.P. Aldenkamp;

Co-supervisors: Dr. A.J.A. de Louw, Dr. L.M.C. Gottmer, Kempenhaeghe.

---

**Lisa Schönfeldt** | 10 June, 2016



*Neurostimulation to treat brain injury?*

Supervisors: Prof. Y. Temel, Prof. S. Hendrikx, Hasselt;

Co-supervisor: Dr. A. Jahanshahi.

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**Frank van Bussel** | 9 June, 2016

*Advanced MRI in diabetes; cerebral biomarkers of cognitive decrements.*

Supervisors: Prof. W.H. Backes, Prof. P.A.M. Hofman;

Co-supervisor: Dr. J.F.A. Jansen.

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**Danielle Lambrechts** | 1 June, 2016

*Ketogenic diet therapies; treatment for children and adults with refractory epilepsy.*

Supervisors: Prof. H.J.M. Majoie, Prof. J.S.H. Vles, Prof. A.P. Aldenkamp;

Co-supervisor: Dr. A.J.A. de Louw, Kempenhaghe, Heeze.

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**Zuzana Kasanova** | 25 May, 2016

*Environmental reactivity for better or worse; The impact of stress and reward on neurochemistry, affect and behavior across the psychosis continuum.*

Supervisor: Prof. I. Myin-Germeys, KU Leuven/UM;

Co-supervisor: Dr. D. Collip.

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**Elisabeth van der Ven** | 22 April, 2016

*Ethnic minority position as risk indicator for autism-Spectrum and psychotic disorders.*

Supervisors: Prof. J.P. Selten, Prof. J. van Os.

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**Anna Schüth** | 21 April, 2016

*Three-dimensional bladder tissue morphology.*

Supervisors: Prof. G.A. van Koeveeringe, Prof. M. v. Zandvoort, Aachen, Prof. Ph. V. Kerrebroeck.

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**Anja Moonen** | 24 March, 2016

*Emotion and Cognition in Parkinson's disease; etiology and neurobiological mechanisms.*

Supervisor: Prof. F.R.J. Verhey;

Co-supervisor: Dr. A.F.G. Leentjens.

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**Sven Akkerman** | 24 March, 2016

*Temporal aspects of cyclic messenger signaling in object recognition memory; a pharmacological approach.*

Supervisor: Prof. H.W.M. Steinbusch;  
Co-supervisors: Dr. J. Prickaerts, Dr. A. Blokland.

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**Ersoy Kocabicak** | 26 February, 2016

*Deep brain stimulation of the subthalamic nucleus: Clinical and scientific aspects.* Supervisors:  
Prof. Y. Temel, Prof. K. van Overbeeke;  
Co-supervisor: Dr. A. Jahanshahi.

---

**Ramona Hohnen** | 25 February, 2016

*Peripheral pharmacological targets to modify bladder contractility.*  
Supervisor: Prof. Ph.E.V. van Kerrebroeck;  
Co-supervisors: Dr. G.A. van Koeveringe, Dr. M.A. Sahnama'I, Dr. C. Meriaux.

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**Pim Klarenbeek** | 29 January, 2016

*Blood pressure and cerebral small vessel disease.*  
Supervisor: Prof. R.J. van Oostenbrugge;  
Co-supervisor: Dr. J. Staals.

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**Mitchel van Eeden** | 22 January, 2016

*The €- Restore4stroke study: Economic evaluation of stroke care in the Netherlands.*  
Supervisors: Prof. S.M.A.A. Evers,; Prof. C.M. van Heugten;  
Co-supervisor: Dr. G.A.P. van Mastrigt.

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**Remo Arts** | 15 January, 2016

*Intracochlear electrical stimulation to suppress tinnitus.*  
Supervisor: Prof. R.J. Stokroos;  
Co-supervisor: Dr. E.L.J. Georg.

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**Oliver Gerlach** | 15 January, 2016

*Parkinson's disease, deterioration during hospitalization.*  
Supervisor: Prof. R. van Oostenbrugge;  
Co-supervisor: Dr. W. Weber.

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**2015**

**Yanny Ying-Yee Cheng** | 21 December, 2015

*Clinical Outcomes After Innovative Lamellar Corneal Transplantation Surgery.*

Supervisor: Prof. R.M.M.A. Nuijts;

Co-supervisor: Dr. J.S.A.G. Schouten.

---

**João da Costa Alvares Viegas Nunes** | 21 December, 2015

*Insulin receptor sensitization improves affective pathology in various mouse models.*

Supervisor: Prof. H.W.M. Steinbusch;

Co-supervisors: Dr. K-P. Lesch, Dr. T. Strelakova, Dr.B.H. Cline, Oxford.

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**Sarah-Anna Hescham** | 15 December, 2015

*Novel insights towards memory restoration.*

Supervisor: Prof. Y. Temel;

Co-supervisor: Dr. A. Blokland, Dr. A. Jahanshahi.

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**Rens Evers** | 14 December, 2015

*22q11.2 deletion syndrome: intelligence, psychopathology and neurochemistry at adult age.*

Supervisors: Prof. L.M.G. Curfs, Prof. T. v. Amelsvoort.

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**Ankie Hamaekers** | 11 December, 2015

*Rescue ventilation using expiratory ventilation assistance; innovating while clutching at straws.*

Supervisors: Prof. W.F. Buhre, Prof. M. van Kleef.

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**Ehsan Pishva** | 3 December, 2015

*Environmental Epigenetics in mental health and illness.*

Supervisor: Prof. J. van Os;

Co-supervisors: Dr. B.P.F. Rutten, Dr. G. Kenis.

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**Ismail Sinan Gölöksüz** | 2 December, 2015

*Biological mechanisms of environmental stressors in psychiatry.*

Supervisor: Prof. J. van Os;

Co-supervisors: Dr. B. Rutten, Dr. M. Drukker.

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**Alex Zwanenburg** | 19 November, 2015

*Cerebral and cardiac signal monitoring in fetal sheep with hypoxic-ischemic encephalopathy.*

Supervisors: Prof. T. Delhaas, Prof. B. Kramer;

Co-supervisors: Dr. T. Wolfs, Dr. P. Andriessen, MMC.

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**Kim Beerhorst** | 13 November, 2015

*Bone disease in chronic epilepsy: fit for a fracture.*

Supervisors: Prof. A. Aldenkamp, Prof. R. van Oostenbrugge;

Co-supervisor: Dr. P. Verschuure.

---

**Sanne Smeets** | 12 November, 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.

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**Romina Gentier** | 5 November, 2015

*UBB<sup>1</sup>; an important switch in the onset of Alzheimer's disease.*

Supervisors: Prof. H. Steinbusch, Prof. D. Hopkins;

Co-supervisor: Dr. F. van Leeuwen.

---

**Yara Pujol López** | 30 October, 2015

*Development and psychoneuroimmunological mechanisms in depression.*

Supervisor: Prof. H.W.M. Steinbusch;

Co-supervisors: Dr. G. Kenis, Dr. D. van den Hove, Dr. Aye Mu Myint, München.

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**Gabriëlla Pons van Dijk** | 29 October, 2015

*Taekwondo and physical fitness components in middle-aged healthy volunteers; the Sekwondo study.*

Supervisors: Prof. J. Lodder, Prof. H. Kingma;

Co-supervisor: Dr. A.F. Lenssen.

---

**Fleur van Dooren** | 29 October, 2015

*Diabetes and Depression: exploring the Interface between Pathophysiological and Psychological factors.*

Supervisors: Prof. F.R.J. Verhey, Prof. J.K.L. Denollet, UvT, Prof. F. Pouter, UvT;

Co-supervisor: Dr. M.T. Schram.

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**Anand Vinekar** | 28 October, 2015

*Retinopathy of Prematurity. Recent advances in tele-medicine screening, risk factors and spectral domain optical coherence tomography imaging.*

Supervisor: Prof. C.A.B. Webers;

Co-supervisor: Dr. N.J. Bauer.

---

**Micheline Chenault** | 22 October, 2015

*Assessing Readiness for Hearing Rehabilitation.*

Supervisors: Prof. M.P.F. Berger, Prof. B. Kremer;

Co-supervisor: Dr. L.J.C. Anteunis.

---

**Alexandra König** | 22 October, 2015

*The use of information and communication technologies (ICT) for the assessment of patients with Alzheimer's Disease and related disorders.*

Supervisors: Prof. F. Verhey, Prof. Ph. Robert, Nice, Fr;

Co-supervisors: Dr. P. Aalten, Dr. R. David, Nice. Fr.

---

**Bart Biallosterski** | 25 September, 2015

*Structural and functional aspects of sensory-motor Interaction in the urinary bladder.*

Supervisors: Prof. Ph. Van Kerrebroeck, Prof. S. De Wachter, UvAntwerpen;

Co-supervisors: Dr. G. van Koeveringe, Dr. M. Rahnama'i.

---

**Martin Gevonden** | 25 September, 2015

*The odd one out: exploring the nature of the association between minority status and psychosis.*

Supervisors: Prof. J-P. Selten, Prof. J. Booij, Uva, Prof. I. Myin-Germeys.

---

**Marc Hilhorst** | 24 September, 2015

*Crescentic glomerulonephritis in ANCA associated vasculitis.*

Supervisors: Prof. J. Cohen-Tervaert;

Co-supervisor: Dr. P. van Paassen.

---

**Peggy Spauwen** | 23 September, 2015

*Cognition and Type 2 diabetes; the interplay of risk factors.*

Supervisors: Prof. F. Verhey, Prof. C. Stehouwer;

Co-supervisor: Dr. M. van Boxtel.

---

**Yuan Tian** | 17 September, 2015

*The effects of Lutein on the inflammatory pathways in age-related macular degeneration (AMD).*

Supervisors: Prof. C. Webers, Prof. A. Kijlstra, WUR;

Co-supervisor: Dr. M. Spreeuwenberg, Dr. H. Tange.

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**Lucia Speth** | 16 September, 2015

Effects of botulinum toxin A injections and bimanual task-oriented therapy on hand functions and bimanual activities in unilateral Cerebral Palsy.

Supervisors: Prof. J. Vles, Prof. R. Smeets;

Co-supervisor: Dr. Y. Janssen-Potten, Adelante Hoensbroek.

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**Renske Hamel** | 3 July, 2015

*The course of mild cognitive impairment and the role of comorbidity.*

Supervisor: Prof. F.R.J. Verhey;

Co-supervisors: Dr. I.H.G.B. Ramakers, Dr. P.J. Visser.

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**Nicole Leibold** | 25 June, 2015

*A Breath of fear; a translational approach into the mechanisms of panic.*

Supervisor: Prof. H.W.M. Steinbusch;

Co-supervisors: Dr. K.R.J. Schruers, Dr. D.L.A. van den Hove.

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**Nick van Goethem** | 25 June, 2015

*$\alpha 7$  nicotinic acetylcholine receptors and memory processes: mechanistic and behavioral studies.*

Supervisor: Prof. H.W.M. Steinbusch;

Co-supervisor: Dr. J. Prickaerts.

---

**Sanne Peeters** | 24 June, 2015

*The Idle Mind Never Rests; functional brain connectivity across the psychosis continuum.*

Supervisor: Prof. J. van Os;

Co-supervisor: Dr. M. Marcelis.

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**Christine van der Leeuw** | 23 June, 2015

*Blood, bones and brains; peripheral biological endophenotypes and their structural cerebral correlates in psychotic disorder.*

Supervisor: Prof. J. van Os;

Co-supervisor: Dr. M. Marcelis.

---

**Rohit Shetty** | 18 June, 2015

*Understanding the Clinical, Immunological and Genetic Molecular Mechanisms of Keratoconus.*

Supervisors: Prof. R.M.M.A. Nuijts, Prof. C.A.B. Webers.

---

**Tijmen van Assen** | 11 June, 2015

*Anterior Cutaneous Nerve Entrapment Syndrome Epidemiology and surgical management.*

Supervisors: Prof. G.L. Beets, Prof. M. van Kleef, Dr. R.M.H. Roumen, Dr. M.R.M. Scheltinga, MMC Veldhoven.

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**Tom van Zundert** | 4 June, 2015

*Improvements Towards Safer Extraglottic Airway Devices.*

Supervisors: Prof. A.E.M. Marcus, Prof. W. Buhre, Prof. J.R. Brimacombe, Queensland, Australia, Prof. C.A. Hagberg.

---

**Nienke Tielemans** | 28 May, 2015

*Proactive coping post stroke: The Restored4Stroke Self-Management study.*

Supervisors: Prof. C. van Heugten, Prof. J. Visser-Meily, UMC Utrecht;  
Co-Supervisor: Dr. V. Schepers, UMC Utrecht.

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**Inge Knuts** | 27 May, 2015

*Experimental and clinical studies into determinants of panic severity.*

Supervisor: Prof. I. Myin-Germeys;  
Co-Supervisor: Dr. K. Schruers; Influencing panic.

---

**Saskia Ebus** | 27 May, 2015

*Interictal epileptiform activity as a marker for clinical outcome.*

Supervisors: Prof. A. Aldenkamp, Prof. J. Arends, TUE, Prof. P. Boon, Universiteit Gent, België.

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**Reina de Kinderen** | 22 May, 2015

*Health Technology Assessment in Epilepsy; economic evaluations and preference studies.*

Supervisors: Prof. S. Evers, Prof. A. Aldenkamp;  
Co-Supervisors: Dr. H. Majoie, Dr. D. Postulart, GGZ O-Brabant.

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**Mark Janssen** | 13 May, 2015

*Selective stimulation of the subthalamic nucleus in Parkinson's disease; Dream or near future.*

Supervisors: Prof. Y. Temel, Prof. V. Visser-Vandewalle, Keulen, Prof. A. Benazzouz, Bordeaux, France.

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**Esther Bouman** | 8 May, 2015

*Risks and Benefits of Regional Anesthesia in the Perioperative Setting.*

Supervisors: Prof. M. van Kleef, Prof. M. Marcus, HMC, Qatar, Prof. E. Joosten;

Co-Supervisor: Dr. H. Gramke.

---

**Ingrid Kramer** | 30 April, 2015

*Zooming into the micro-level of experience: An approach for understanding and treating psychopathology.*

Supervisor: Prof. J. van Os;

Co-Supervisors: Dr. M. Wichers, UMC Groningen, Dr. C. Simons.

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**Mayienne Bakkers** | 17 April, 2015

*Small fibers, big troubles; diagnosis and implications of small fiber neuropathy.*

Supervisors: Prof. C. Faber, Prof. M. de Baets;

Co-Supervisor: Dr. I. Merkies, Spaarne ziekenhuis Hoofddorp.

---

**Els Vanhoutte** | 13 March, 2015

*Peripheral Neuropathy outcome measures; Standardisation (PeriNomS) study part 2: Getting consensus.*

Supervisors: Prof. C. Faber, Prof. P. van Doorn;

Co-Supervisor: Dr. I. Merkies, Spaarne ziekenhuis Hoofddorp.

---

**Kimberly Cox-Limpens** | 13 March, 2015

*Mechanisms of endogenous brain protection; Clues from the transcriptome.*

Supervisors: Prof. J. Vles, Prof. L. Zimmermann;

Co-Supervisor: Dr. A. Gavilanes.

---

**Janny Hof** | 6 March, 2015

*Hearing loss in young children; challenges in assessment and intervention.*

Supervisors: Prof. B. Kremer, Prof. R. Stokroos, Prof. P. van Dijk, RUG;

Co-Supervisor: Dr. L. Antheunis.

---

**Anouk Linssen** | 13 February, 2015

*Considerations in designing an adult hearing screening programme.*

Supervisor: Prof. B. Kremer;

Co-Supervisors: Dr. L. Anteunis, Dr. M. Joore.

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**Sylvia Klinkenberg** | 6 February, 2015

*VNS in children; more than just seizure reduction.*

Supervisors: Prof. J. Vles, Prof. A. Aldenkamp;

Co-Supervisor: Dr. H. Majoie.

---

**Martine van Nierop** | 30 January, 2015

*Surviving childhood new perspectives on the link between childhood trauma and psychosis.*

Supervisors: Prof. I. Myin-Germeys, Prof. J. van Os;

Co-Supervisor: Dr. R. van Winkel.

---

**Claudia Menne-Lothmann** | 29 January, 2015

*Affect dynamics; A focus on genes, stress, and an opportunity for change.*

Supervisor: Prof. J. van Os;

Co-Supervisors: Dr. M. Wichers, Dr. N. Jacobs.

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**Alessandro Borghesi** | 28 January, 2015

*Stem and Progenitor Cells in Preterm Infants: Role in the Pathogenesis and Potential for Therapy.*

Supervisors: Prof. L. Zimmermann; Prof. B. Kramer;

Co-Supervisors: Dr. D. Gazzolo, Genoa, Italy, Dr. A.W.D. Gavilanes.

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**Francesco Risso** | 28 January, 2015

*Urinary and salivary S100B monitoring in high risk infants.*

Supervisor: Prof. J.S.H. Vles;

Co-Supervisors: Dr. D. Gazzolo, Genoa, Italy, Dr. A.W.D. Gavilanes.

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**Ingrid Brands** | 23 January, 2015

*The adaptation process after acquired brain injury Pieces of the puzzle.*

Supervisors: Prof. C.M. van Heugten, Prof. D.T. Wade, Oxford UK;

Co-Supervisors: Dr. S.Z. Stapert, Dr. S. Köhler.

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**Dennis Hernaus** | 22 January, 2015

*Dopayours is not dopamine: genetic, environmental and pathological variations in dopaminergic stress processing.*

Supervisor: Prof. I. Myin-Germeys;

Co-Supervisors: Prof. F.M. Mottaghy, Dr. D. Collip.

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**Mayke Janssens** | 22 January, 2015

*Exploring course and outcome across the psychosis-continuum.*

Supervisor: Prof. I. Myin-Germeys;

Co-Supervisor: Dr. T. Lataster.

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**Bart Ament** | 21 January, 2015

*Frailty in old age; conceptualization and care innovations.*

Supervisors: Prof. G.I.J.M. Kempen, Prof. F.R.J. Verhey;

Co-Supervisor: Dr. M.E. de Vugt.

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**Jessica Hartmann** | 14 January, 2015

*A good laugh and a long sleep; Insights from prospective and ambulatory assessments about the importance of positive affect and sleep in mental health.*

Supervisor: Prof. J. van Os;

Co-Supervisors: C.J.P. Simons, Dr. M. Wichers.

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