

CURRICULUM VITAE

BIOGRAPHICAL SKETCH

Name Barbara Franke
Position title Professor of Molecular Psychiatry
Address Department of Human Genetics (855) and Department of Psychiatry
Donders Institute for Brain, Cognition and Behaviour
Radboud University Medical Center (Radboudumc)
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Place of birth Weilburg (Germany)
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EDUCATION

1985 – 1988 Gymnasiale Oberstufe Goetheschule Wetzlar, Germany (Abitur)
1988 – 1991 Study of Biology, Justus Liebig University, Giessen, Germany (bachelor's degree)
1991 – 1995 Study of Biology, University of Utrecht, Utrecht, The Netherlands; main subject: Molecular and Chemical Biology (master's degree, cum laude, 23-01-1995)
1995 – 1999 Doctorate study (PhD), University of Utrecht, Utrecht, The Netherlands, Laboratory for Physiological Chemistry (Thesis: Rap and Ral in platelet signaling, 22-04-1999; promotores Prof. Dr. J.L. Bos and Prof. Dr. J.W. Akkerman)

PROFESSIONAL EXPERIENCE

1999 – 2001 Postdoc project, Department of Human Genetics, Radboud University Medical Center, Nijmegen, The Netherlands
2001–present Head of the Researchlab for Multifactorial Diseases, Department of Human Genetics, Radboud University Nijmegen Medical Center
2003 – 2008 Assistant professor in Genetics of Multifactorial Diseases, Department of Human Genetics and Department of Psychiatry, Radboud University Nijmegen Medical Center
2009 – 2011 Associate Professor of Molecular Psychiatry, Radboud University Medical Center
2011 – 2015 Official speaker of the Plasticity & Memory Theme of the Donders Institute for Brain, Cognition and Behaviour
2014–present Leader of the Radboud Research Theme Neurodevelopmental Disorders
2012–present Full Professor of Molecular Psychiatry, Radboud University Medical Center
2015–present Elected Fellow of Academia Europaea
2017–present Head of the Division of Genome Research of the Department of Human Genetics, Radboud University Nijmegen Medical Center
2017–present Elected Fellow of Royal Holland Society of Sciences and Humanities
2017–present Elected Fellow of Royal Netherlands Academy of Arts and Sciences
2018–present Coordinator of the ADHD Working Group of the international Psychiatric Genomics Consortium (PGC)
2018–present Member of Board of Directors of the International Society of Psychiatric Genetics (ISPG)
2019–present Honorary Adjunct Professor at Goethe University, Frankfurt am Main, Germany
2019–present Honorary Skou Professor at Aarhus University, Aarhus, Denmark
2022–present Director of Donders Institute for Brain, Cognition and Behaviour

RESEARCH INTEREST

My research focuses on unraveling the genetics of multifactorial diseases. I'm particularly interested in the identification of genetic risk factors for psychiatric neurodevelopmental disorders, especially ADHD. In this, my lab always searches for novel approaches to gene finding, such as combining analyses of common and rare genetic variants and employing alternative phenotypes. Downstream of risk factor identification, I am interested in understanding the pathways that lead from gene to disease/symptom. For this, my group uses several complementary approaches, including bioinformatics, induced pluripotent stem cell-based in vitro neuron cultures, small animal models, and neuroimaging genetics approaches. The integration of knowledge gained from this work allows characterization of the effects of genetic risk factors at the molecular, cell, and brain level. An additional line of research in my group is dedicated to pharmacogenetics.

In my career so far, I have been the advisor of 39 PhD students and 17 postdocs. My current lab consists of 3 postdocs and senior research associates, 1 communication expert, 1 bioinformatician, 1 personal assistant, 1 lab manager and 2 technicians, and I currently advise 11 PhD students as their promotor. In addition, my lab regularly hosts guest researchers.

PRIZES AND AWARDS

- Honorary Skou Professorship at the Faculty of Health of Aarhus University, Aarhus, Denmark (2019)
- Royal award of Knighthood in the Order of the Netherlands Lion for excellent scientific work in psychiatry, especially ADHD (2019)
- Honorary Adjunct Professorship at Medical Faculty of the Goethe University Frankfurt am Main, Germany (2019)
- Elected to join the Royal Netherlands Academy of Arts and Sciences (2017)
- Elected to join the Royal Holland Society of Sciences and Humanities (2017)
- Elected to join Academia Europaea (2015)
- NWO Vici Personal Grant for excellent researchers, 2013 (1.460.000 Euro for research)
- Hermesdorf International 2013 Award of the Radboud University for international media coverage of research in 2012
- NWO Aspasia Premium for excellent female researchers, 2012 (150.000 Euro for research)
- Topcentre for Genetic and Metabolic Diseases (TGM): Lustrum award for research and teaching activities, 2007
- Affymetrix Power Award, 2007

PUBLICATIONS

Total number of peer-reviewed publications:	516
Total number of citations (Web of Science per 22-10-2022):	34431
Total number of citations (Google Scholar per 22-10-2022):	54326
H-index (Web of Science):	84
H-index (Google Scholar):	111

A complete list of my publications can be found on my [Web of Science](#) and [Google Scholar](#) pages.

I have been listed on the Clarivate Highly Cited 2018 list (top 1% most highly cited researchers; cross-field category), was ranked 10th in the world by [Expertscape experts on ADHD](#) in 2020, and was ranked 14th in The Netherlands and 600th in the world in the [Research.com 2022 edition of the Ranking of Top 1000 Female Scientists in the World](#).

Publications with major authorship positions (first or last position)

1. Demontis D*, Walters B*, Athanasiadis G*, Walters R*, Therrien K, Farajzadeh L, Voloudakis G, Bendl J, Zeng B, Grove J, Als TD, Duan J, Satterstrom FK, Bybjerg-Grauholm J, Bækved-Hansen M, ADHD Working Group of the Psychiatric Genomics Consortium (PGC), iPSYCH-Broad Consortium, Agerbo E, Nordentoft M, Mors O, Hougaard DM, Mortensen PB, Daly M, Stefansson H, Roussos P, **Franke B#**, Werge T#, Neale BM#, Steffánsson K#, Børglum AD#. Genome-wide meta-analysis of ADHD identifies 27 risk loci, refines the genetic architecture and implicates several cognitive domains. *Nature Genetics*, *in press*; unreviewed manuscript available at <https://medrxiv.org/cgi/content/short/2022.02.14.22270780v1>
2. Brouwer RM, Klein M, Grasby KL, Schnack HG, Jahanshad N, Teeuw J, Thomopoulos SI, Sprooten E, Franz CE, Gogtay N, Kremen WS, Panizzon MS, Olde Loohuis LM, Whelan CD, Aghajani M, Alloza C, Alnæs D, Artiges E, Ayesa-Arriola R, Barker GJ, Bastin ME, Blok E, Bøen E, Breukelaar IA, Bright JK, Buimer EEL, Bülow R, Cannon DM, Ciufolini S, Crossley NA, Damatac CG, Dazzan P, de Mol CL, de Zwarte SMC, Desrivières S, Díaz-Caneja CM, Doan NT, Dohm K, Fröhner JH, Goltermann J, Grigis A, Grotegerd D, Han LKM, Harris MA, Hartman CA, Heany SJ, Heindel W, Heslenfeld DJ, Hohmann S, Ittermann B, Jansen PR, Janssen J, Jia T, Jiang J, Jockwitz C, Karali T, Keeser D, Koevoets MGJC, Lenroot RK, Malchow B, Mandl RCW, Medel V, Meinert S, Morgan CA, Mühleisen TW, Nabulsi L, Opel N, de la Foz VO, Overs BJ, Paillère Martinot ML, Redlich R, Marques TR, Reppele J, Roberts G, Roshchupkin GV, Setiawan N, Shumskaya E, Stein F, Sudre G, Takahashi S, Thalamuthu A, Tordesillas-Gutiérrez D, van der Lugt A, van Haren NEM, Wardlaw JM, Wen W, Westeneng HJ, Wittfeld K, Zhu AH, Zugman A, Armstrong NJ, Bonfiglio G, Bralten J, Dalvie S, Davies G, Di Forti M, Ding L, Donohoe G, Forstner AJ, Gonzalez-Peñas J, Guimaraes JPOFT, Homuth G, Hottenga JJ, Knol MJ, Kwok JBJ, Le Hellard S, Mather KA, Milaneschi Y, Morris DW, Nöthen MM, Papiol S, Rietschel M, Santoro ML, Steen VM, Stein JL, Streit F, Tankard RM, Teumer A, van 't Ent D, van der Meer D, van Eijk KR, Vassos E, Vázquez-Bourgon J, Witt SH; IMAGEN Consortium, Adams HHH, Agartz I, Ames D, Amunts K, Andreassen OA, Arango C, Banaschewski T, Baune BT, Belangero SI, Bokde ALW, Boomsma DI, Bressan RA, Brodaty H, Buitelaar JK, Cahn W, Caspers S, Cichon S, Crespo-Facorro B, Cox SR, Dannowski U, Elvsåshagen T, Espeseth T, Falkai PG, Fisher SE, Flor H, Fullerton JM, Garavan H, Gowland PA, Grabe HJ, Hahn T, Heinz A, Hillegers M, Hoare J, Hoekstra PJ, Ikram MA, Jackowski AP, Jansen A, Jönsson EG, Kahn RS, Kircher T, Korgaonkar MS, Krug A, Lemaitre H, Malt UF, Martinot JL, McDonald C, Mitchell PB, Muetzel RL, Murray RM, Nees F, Nenadić I, Oosterlaan J, Ophoff RA, Pan PM, Penninx BWJH, Poustka L, Sachdev PS, Salum GA, Schofield PR, Schumann G, Shaw P, Sim K, Smolka MN, Stein DJ, Trollor JN, van den Berg LH, Veldink JH, Walter H, Westlye LT, Whelan R, White T, Wright MJ, Medland SE, **Franke B***, Thompson PM*, Hulshoff Pol HE* (2022). Dynamics of Brain Structure and its Genetic Architecture over the Lifespan. *Nature Neurosci* **25** (4), 421-432, unreviewed manuscript available on bioRxiv: <https://www.biorxiv.org/content/10.1101/2020.04.24.031138v1>
3. van Rhijn JR*, Shi Y*, Bormann M, Mossink B, Frega M, Hakobjan M, Klein Gunnewiek T, Schoenmaker C, Palmer E, Faivre L, Kittel-Schneider S, Schubert D, Brunner HG, **Franke B#**, Kasri NN# (2022). Brunner Syndrome associated MAOA dysfunction in human induced dopaminergic neurons results in dysregulated NMDAR expression and increased network activity. *Neurobiology of Disease* 163:105587. Unreviewed manuscript on bioRxiv: <https://www.biorxiv.org/content/10.1101/741108v1>
4. Kittel-Schneider S, Arteaga G, Arias Vasquez A, Asherson P, Banaschewski T, Brikell I, Buitelaar JK, Cormand B, Faraone S, Freitag C, Ginsberg Y, Haavik J, Hartman C, Kuntsi J, Larsson H, Matura S, McNeill RV, Ramos-Quiroga A, Ribases M, Romanos M, Vainieri I, **Franke B#**, Reif A# (2022). Non-mental comorbidities in ADHD across the lifespan: Fidgety Philipp and Pippi Longstocking at risk for multimorbidity? *Neurosci Biobehav Rev*, *in press*
5. Bralten J*, Mota NR*, Klemann CJHM, De Witte W, Laing E, Collier D, de Kluiver H, Bauduin SEEC, Arango C, Ayuso-Mateos JL, Fabbri C, Kas MJ, van der Wee N, Penninx BWJH, Serretti A, **Franke B***, Poelmans G* (2021). Genetic underpinnings of sociability in the general population. *Neuropsychopharmacol* **46** (9), 1627-1634 [Epub 2021 May 30]

6. Li T*, van Rooij D*, Roth Mota N, Buitelaar JK, ENIGMA ADHD Working Group, Hoogman M⁺, Arias Vasquez A⁺, **Franke B** (2021). Characterizing neuro-anatomic heterogeneity in people with and without ADHD based on subcortical brain volume. *J Child Psychiatry Psychol* **62** (9), 1140-1149 [Epub 2021 Mar 30]; unreviewed manuscript on biorXiv: <https://www.biorxiv.org/content/10.1101/868414v1>
7. Hoogman M*, van Rooij D*, Klein M, Boedhoe P, Ilioska I, Li T, Patel Y, Postema MC, Zhang-James Y, Anagnostou E, Arango C, Auzias G, Banaschewski T, Bau CHD, Behrmann M, Bellgrove MA, Brandeis D, Brem S, Busatto GF, Calderoni S, Calvo R, Castellanos FX, Coghill D, Conzelmann A, Daly E, Deruelle C, Dinstein I, Durston S, Ecker C, Ehrlich S, Epstein JN, Fair DA, Fitzgerald J, Freitag CM, Frodl T, Gallagher L, Grevet EH, Haavik J, Hoekstra PJ, Janssen J, Karkashadze G, King JA, Konrad K, Kuntsi J, Lazaro L, Lerch JP, Lesch KP, Louza MR, Luna B, Mattos P, McGrath J, Muratori F, Murphy C, Nigg JT, Oberwelland-Weiss E, O'Gorman Tuura RL, O'Hearn K, Oosterlaan J, Parellada M, Pauli P, Plessen KJ, Ramos-Quiroga JA, Reif A, Reneman L, Retico A, Rosa PGP, Rubia K, Shaw P, Silk TJ, Tamm L, Vilarroya O, Walitza S, Jahanshad N, Faraone SV, Francks C, van den Heuvel OA, Paus T, Thompson PM, Buitelaar JK, **Franke B** (2020). Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: the ENIGMA adventure. *Hum Brain Mapp* [Epub ahead of print May 18 2020]
8. Singgih E, van der Voet M, Naber M, Brinkmann E, Klein M, Schenck A*, **Franke B*** (2021). Cytosolic 5'-nucleotidase II family as candidate genes for neuropsychiatric disorders, evidence from *Drosophila melanogaster*. *Translational Psychiatry* **11** (1): 55 [Epub 21 Jan 2021]
9. Weiss AL*, Meijer M*, Budeus B, Pauper M, Hakobjan M, Groothuismink J, Shi Y, Neveling K, Buitelaar JK, Hoogman M, **Franke B**[#], Klein M[#] (2021). DNA methylation associated with persistent ADHD suggests TARBP1 as novel candidate. *Neuropharmacol* **184**: 108370 [Epub 30 Oct 2020]
10. Harich B, van der Voet M, Klein M, Čížek P, Fenckova M, Schenck A[#], **Franke B**[#] (2020). From rare Copy Number Variations to biological processes in ADHD. *Am J Psychiatry* **177** (9), 855-866 [Epub Jun 30 2020]; unreviewed manuscript on biorXiv: <https://www.biorxiv.org/content/10.1101/762419v1>; **selected for accompanying CME activity**
11. Rovira P*, Demontis D*, Sánchez-Mora C, Zayats T, Klein M, Mota NR, Weber H, Garcia-Martínez I, Payerols M, Vilar L, Arribas L, Richarte V, Corrales M, Fadeuilhe C, Bosch R, Español Martín G, Almos P, Grevet EH, Grimm O, Halmøy A, Hoogman M, Hutz M, Jacob C, Kittel-Schneider S, Knappskog PM, Lundervold AJ, Rivero O, Rovaris DL, Salatino-Oliveira A, Santos da Silva B, Svirin E, Sprooten E, Strelakova T, International Multi-centre persistent ADHD CollaboraTion (IMpACT), ADHD Working Group of the Psychiatric Genomics Consortium (PGC), 23andMe Research Team, Arias-Vasquez A, Sonuga-Barke EJS, Asherson P, Bau C, Buitelaar JK, Cormand B, Faraone SV, Haavik J, Johansson S, Kuntsi J, Larsson H, Lesch KP, Reif A, Rohde LA, Casas M, Børglum AD[#], **Franke B**[#], Ramos-Quiroga JA[#], Soler Artigas M[#], Ribasés M[#] (2020). Shared genetic background between children and adults with attention deficit/hyperactivity disorder. *Neuropsychopharmacol* **45** (10), 1617-1626 [Epub Apr 12 2020], unreviewed manuscript on biorXiv: <https://www.biorxiv.org/content/10.1101/589614v1> (*equal contribution; #shared final responsibility)
12. Corominas J*, Klein M*, Zayats T, Rivero O, Ziegler G, Pauper M, Neveling K, Poelmans G, Jansch C, Geissler J, Weber H, Reif A, Arias Vasquez A, Galesloot TE, Kiemeny LALM, Buitelaar JK, Ramos-Quiroga JA, Cormand B, Hofman P, Cichon S, Haavik J, Johansson S, Jacob C, Romanos M, **Franke B**[#], Lesch KP[#] (2020). Identification of ADHD risk genes in extended pedigrees by combining linkage analysis and whole-exome sequencing. *Mol Psychiatry* **25** (9), 2047-2057 [Epub Aug 18 2018] (*equal contribution; #shared final responsibility)
13. Bralten J*, Widomska J*, de Witte W, Yu D, Mathews CA, Scharf JM, Buitelaar J, Crosbie J, Schachar R, Arnold P, Lemire M, Burton CL, **Franke B**[#], Poelmans G[#] (2020). Genetic overlap between obsessive-compulsive disorder, related symptoms in the population and insulin signaling: etiological implications. *Transl Psychiatry* **10** (1), 121 [Epub] (*equal contribution; #shared final responsibility)

14. Klein M*, Singgih E*, van Rens A, Demontis D, Børglum AD, Mota NR, Castells-Nobau A, Kiemeny LA, Brunner HG, Arias-Vasquez A, Schenck A, van der Voet M[#], **Franke B[#]** (2020). Contribution of intellectual disability-related genes to ADHD risk and to locomotor activity in *Drosophila*. *Am J Psychiatry* **177** (6), 526-536 [Epub Feb 12 2020], unreviewed manuscript available on bioRxiv: <https://doi.org/10.1101/725937>; *selected for accompanying CME activity and including cover art*
15. Mota NR, Poelmans G, Klein M, Fernández-Castillo N, Torrico B, Cormand B, Reif A, **Franke B***, Arias Vásquez A* (2020). Cross-disorder genetic analyses implicate dopaminergic signaling as a biological link between Attention-Deficit/Hyperactivity Disorder and obesity measures. *Neuropsychopharmacol* **45** (7), 1188-1195 [Epub Jan 2 2020], unreviewed manuscript on bioRxiv: <https://www.biorxiv.org/content/10.1101/573808v1>
16. Harich B*, Klein M*, Ockeloen C, van der Voet M, Naber M, de Leeuw N, Schenck A[#], **Franke B[#]** (2020). Converging evidence from man and fly supports *FBXO25* as an ADHD risk gene. *J Child Psychol Psychiatry* **61** (5), 545-555 [Epub Dec 17]
17. Wolfers T, Beckmann CF, Hoogman M, Buitelaar JK, **Franke B***, Marquand AF* (2020). Individual differences v. the average patient: mapping the heterogeneity in ADHD using normative models. *Psychol Med* **50** (2), 314-323 [Epub Feb 20 2019] (* equal contribution)
18. Meijer M, Klein M, Hannon E, van der Meer D, Hartman C, Oosterlaan J, Heslenfeld D, Hoekstra PJ, Buitelaar J, Mill J, **Franke B** (2020). Genome-wide DNA methylation patterns in persistent ADHD and in association with impulsive and callous traits. *Front Genet* **11**, 16 [Epub]
19. van Donkelaar MMJ, Hoogman M, Shumskaya E, Buitelaar JK, Bralten J, **Franke B** (2019). Monoamine and neuroendocrine gene-sets associate with frustration-based aggression in a gender-specific manner. *Eur Neuropsychopharmacol* **30**, 75-86 [Epub Nov 27 2017]
20. Li T, Roth Mota N, Galesloot T, Bralten J, Buitelaar JK, in 't Hout J, Arias Vasquez A, **Franke B**. ADHD symptoms in the general population behave similar to clinical ADHD. *Eur Neuropsychopharmacol* **29** (10), 1117-1126 [Epub Aug 1]
21. Hoogman M*, Muetzel R*, Guimaraes JP, Shumskaya E, Mennes M, Zwiers MP, Jahanshad N, Sudre G, Mostert J, Wolfers T, Eric A. Earl, Juan Carlos Soliva Vila, Yolanda Vives-Gilabert, Sabin Khadka, Stephanie E. Novotny, Catharina A. Hartman, Dirk J. Heslenfeld, Lizzanne J.S. Schweren, Sara Ambrosino, Bob Oranje, Patrick de Zeeuw, Tiffany M. Chaim-Avancini, Pedro G. P. Rosa, Marcus V. Zanetti, Charles B. Malpas, Gregor Kohls, Georg G. von Polier, Jochen Seitz, Joseph Biederman, Alysa E. Doyle, Anders M. Dale, Theo G.M. van Erp, Jeffrey N. Epstein, Terry L. Jernigan, Ramona Baur-Streubel, Georg C. Ziegler, Kathrin C. Zierhut, Anouk Schranter, Marie F. Høvik, Astri Johansen Lundervold, Clare Kelly, Hazel McCarthy, Norbert Skokauskas, Ruth L. O'Gorman-Tuura, Anna Calvo, Sara Lera-Miguel, Rosa Nicolau, Kaylita C. Chantiluke, Anastasia Christakou, Alasdair Vance, Mara Cercignani, Matt C. Gabel, Philip Asherson, Sarah Baumeister, Daniel Brandeis, Sarah Hohmann, Ivanei E. Bramati, Fernanda Tovar-Moll, Andreas J. Fallgatter, Bernd Kardatzki, Lena Schwarz, Anatoly Anikin, Alexandr Baranov, Tinatin Gogberashvili, Dmitry Kapilushniy, Anastasia Solovieva, Hanan El Marroun, Tonya White, Georgii Karkashadze, Leyla Namazova-Baranova, Thomas Ethofer, Paulo Mattos, Tobias Banaschewski, David Coghill, Kerstin J. Plessen, Jonna Kuntsi, Mehta MA, Paloyelis Y, Harrison NA, Bellgrove MA, Silk TJ, Cubillo AI, Rubia K, Lazaro L, Brem S, Walitza S, Frodl T, Zentis M, Castellanos FX, Yoncheva YN, Haavik J, Reneman L, Conzelmann A, Lesch KP, Pauli P, Reif A, Tamm L, Konrad K, Oberwilling-Weiss E, Busatto GF, Louza MR, Durston S, Hoekstra PJ, Oosterlaan J, Stevens MC, Ramos-Quiroga JA, Vilarroya O, Fair DA, Nigg JT, Thompson PM, Buitelaar JK, Faraone SV, Shaw P, Tiemeier H, Bralten J, **Franke B** (2019). Brain imaging of the cortex in ADHD: A coordinated analysis of large-scale clinical and population-based samples. *Am J Psychiatry* **176** (7), 531-542 [Epub Apr 24]
22. Arias-Vásquez A*, Groffen AJ*, Spijker S*, Ouwens KG*, Klein M*, Voijnovic D*, Galesloot TE, Bralten J, Hottenga JJ, van der Most PJ, Kattenberg VM, Pool R, Nolte IM, Penninx B, Fedko I,

- Dolan CV, Nivard MG, den Braber A, van Duijn CM, Hoekstra PJ, Buitelaar J, Kiemeney LA, Hoogman M, Middeldorp CM, Draisma HHM, Vermeulen SH, Sanchez-Mora C, Ramos-Quiroga JA, Ribasés M, The EAGLE-ADHD Consortium, Hartman CA, Kooij JJS, Amin N, Smit AB[#], **Franke B[#]**, Boomsma DI[#]. Potential Role for the STXBP5-AS1 Gene in Adult ADHD Symptoms. *Behav Genet*, **49** (3), 270-285 [Epub Jan 18 2019] (*equal contribution; #shared final responsibility).
23. Klein M, Walters RK, Demontis D, Stein JL, Hibar DP, Adams HH, Bralten J, Roth Mota N, Schachar R, Sonuga-Barke E, Mattheisen M, Neale BM, Thompson PM, Medland SE, Børglum AD, Faraone SV, Arias-Vasquez A*, **Franke B*** (2019). Genetic markers of ADHD-related variations in intracranial volume. *Am J Psychiatry* **176** (3), 228-238
 24. Waddington F, Hartman C, de Bruijn Y, Lappenschaar M, Oerlemans A, Buitelaar J, **Franke B***, Rommelse N* (2018). An emotion recognition subtyping approach to studying the heterogeneity and comorbidity of Autism Spectrum Disorders and Attention-Deficit/Hyperactivity Disorder. *J Neurodev Disorders*, **10** (1), 31 [Epub]
 25. **Franke B**, Michelini G, Asherson P, Banaschewski T, Bilbow A, Buitelaar JK, Cormand B, Faraone SV, Ginsberg Y, Haavik J, Kuntsi J, Larsson H, Lesch KP, Ramos-Quiroga JA, Réthelyi JM, Ribases M, Reif A (2018). Live fast, die young? A review on the developmental trajectories of ADHD across the lifespan. *Eur Neuropsychopharmacol*, **28** (10), 1059-1088 [Epub Sep 5]
 26. Vrijzen JN, Tendolkar I, Onnink M, Hoogman M, Schene AH, Fernández G, van Oostrom I, **Franke B** (2018). ADHD symptoms in healthy adults are associated with stressful life events and negative memory bias. *ADHD Attention Deficit and Hyperactivity Disorders* **10** (2), 151-160 [Epub Oct 28 2017]
 27. Bralten J, van Hulzen KJ, Martens MB, Galesloot T, Arias Vasquez A, Kiemeney L, Buitelaar JK, Muntjewerff JW, **Franke B***, Poelmans G* (2018). Autism spectrum disorders and autistic traits share genetics and biology. *Mol Psychiatry*, **23** (5), 1205-1212 [Epub May 16 2017] (*shared final responsibility)
 28. van Donkelaar MMJ, Hoogman M, Pappa I, Tiemeier H, Buitelaar JK, **Franke B***, Bralten J* (2018). Pleiotropic contribution of MECOM and AVPR1A to aggression and subcortical brain volumes. *Frontiers Behav Neurosci*, **12**, 61 [Epub] (*shared final responsibility)
 29. Mostert JC, Hoogman M, Onnink M, van Rooij D, von Rhein D, van Hulzen K, Dammers J, Kan CC, Buitelaar JK, Norris D, **Franke B** (2018). Similar subgroups based on cognitive performance parse heterogeneity in adults with attention-deficit/hyperactivity disorder and healthy controls. *J Attention Dis*, **22** (3), 281-292 [Epub Sep 14 2015 ahead of print]
 30. Klein M, Onnink M, van Donkelaar M, Wolfers T, Harich B, Shi Y, Dammers J, Arias-Vasquez, Hoogman M, **Franke B** (2017). Brain imaging genetics in ADHD and beyond – mapping pathways from gene to disorder at different levels of complexity. *Neurosci Biobehav Rev* **80**, 115-155 [Epub Jan 31 2017]
 31. Klein M, van Donkelaar M, Verhoef E, **Franke B** (2017). Imaging genetics of neurodevelopmental pathology. *Am J Med Genet Part B* **174** (5), 485-537
 32. Wolfers T*, Llera Arenas A*, Onnink M, Dammers J, Hoogmann M, Zwiers M, Buitelaar JK[#], **Franke B[#]**, Marquand AF[#], Beckmann CF[#] (2017). Refinement by integration: Multivariate effects of adult ADHD on multimodal imaging markers. *J Psychiatry Neurosci* **42** (6), 386-394
 33. Wu Z, Bralten J, An L, Cao QJ, Cao XH, Sun L, Yang L, Mennes M, Zang YF, **Franke B***, Hoogman M*, Wang YF* (2017). Verbal working memory-related functional connectivity alterations in boys with attention-deficit/hyperactivity disorder and the effects of methylphenidate. *J Psychopharmacol*, **31** (8), 1061-1069 [Epub 2017 Jun 1] (*shared final responsibility)
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510. Stefansson, H, Rujescu, D, Cichon, S, Pietiläinen, OPH, Ingason, A, Steinberg, S, Fossdal, R, Sigurdsson, E, Sigmundsson, T, Buizer-Voskamp, JE, Hansen, T, Jakobsen, KD, Muglia, P, Francks, C, Matthews, PM, Gylfason, A, Halldorsson, BV, Gudbjartsson, D, Thorgeirsson, TE, Sigurdsson, A, Jonasdottir, A, Jonasdottir, A, Bjornsson, A, Mattiasdottir, S, Blondal, T, Haraldsson, M, Magnusdottir, BB, Giegling, I, Moller, HJ, Hartmann, A, Shianna, KV, Ge, D, Need, AC, Crombie, C, Fraser, G, Walker, N, Lonnqvist, J, Suvisaari, J, Tuulio-Henriksson, A, Paunio, T, Toulopoulou, T, Bramon, E, Di Forti, M, Murray, R, Ruggeri, M, Vassos, E, Tosato, S, Walshe, M, Li, T, Vasilescu, C, Muhleisen, TW, Wang, AG, Ullum, H, Djurovic, S, Melle, I, Olesen, J, Kiemenev, LA, **Franke, B**, Sabatti, C, Freimer, NB, Gulcher, JR, Thorsteinsdottir, U, Kong, A, Andreassen, OA, Ophoff, RA, Georgi, A, Rietschel, M, Werge, T, Petursson, H, Goldstein, DB, Nöthen, MM, Peltonen, L, Collier, DA, St Clair, D, Stefansson, K (2008). Large recurrent microdeletions associated with schizophrenia. *Nature*, **455** (7210), 232-236 [Epub 2008 Jul 30]
511. Christiansen H, Chen W, Oades RD, Asherson P, Taylor EA, Lasky-Su J, Zhou K, Banaschewski T, Buschgens C, **Franke B**, Gabriels I, Manor I, Marco R, Müller UC, Mulligan A, Psychogiou L, Rommelse NN, Uebel H, Buitelaar J, Ebstein RP, Eisenberg J, Gill M, Miranda A, Mulas F, Roeyers

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513. Everaerd D, Gerritsen L, Rijkema M, Frodl T, van Oostrom I, **Franke B**, Fernández G, Tendolkar I (2013). Sekseverschillen in het effect op hippocampusvolume van de interactie tussen het serotoninetransportergenpolymorfisme en stressvolle gebeurtenissen in de kindertijd *Neuropraxis* **17** (1), 10-17
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515. Larsen H, van der Zwaluw CS, Overbeek G, Granic I, **Franke B**, Engels RGCEM (2011). De invloed van het DRD4 VNTR polymorfisme op adaptatie aan andermans alcoholconsumptie. Een onderzoek naar een genomgevinginteractie. *Psychologie & Gezondheid* **39** (1), 5-11
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Editorials and comments

Pawley A, Mostert JC, Bilbow A, Reif A, Arias-Vasquez A, Kuntsi J, **Franke B**. Sharing knowledge about ADHD comorbidity: lessons learned. [Commentary] *Neurosci Biobehav Rev* 2022 135, 104586 [Epub Feb 16]

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Mota NR, **Franke B** (2020). 2019 Research Highlight Comment: 30-year journey from the start of the Human Genome Project to clinical application of genomics in psychiatry: Are we there yet? *Lancet Psychiatry* **7** (1), 7-9

Freitag CM, Boomsma D, Glennon JC, **Franke B**, Holtel A (2018). Focused issue on conduct disorder and aggressive behaviour. *Eur Child Adolesc Psych* **27** (9), 1231-1234.

Franke B (2017). Commentary: What’s in a name: the ‘omnigenic’ model as a point of departure for polygenic psychiatric disorders. *J Psychiatry Brain Sci*, **2** (5), S7

Franke B (2016). Heritability of a General Psychopathology Factor in the Population: Potential Implications for Classification and Treatment of Psychiatric Disorders. *J Am Acad Child Adolesc Psychiatry*, **55** (12), 1016-1017

Franke B (2015). ADHD across the lifespan - IMpACT on genetics of adult ADHD. *Am J Med Genet Part B – Neuropsychiatric Genetics* **168** (6), 403-405 [Epub 2015 Jul 29]

Franke B, Reif A (2013). Editorial for Special Issue. IMpACTing on adult ADHD research. *Eur Neuropsychopharmacol.* **23** (6), 413-415.

van der Zwaluw CS, **Franke B**, Engels RC (2009). News and Views: Research highlights. *Pharmacogenomics* **10** (9), 1385-1389.

Conference proceeding papers

Suresh P, Ray B, Duan K, Chen J, Schoenmacker G, **Franke B**, Buitelaar JK, Sprooten E, Arias-Vasquez A, Turner JA, Liu J (2021). Evaluating the Neuroimaging-Genetic Prediction of Symptom Changes in Individuals with ADHD. *Annu Int Conf IEEE Eng Med Biol Soc.* 2021, 1950-1956.

Jahanshad N, Faskowitz J, Roshchupkin G, Hibar DP, Gutman BA, Tusticon NJ, Adams HHH, Niessen WJ, Vernooij MW, Ikram MA, Zwiers MP, Arias Vasquez A, **Franke B**, Kroll JL, Mwangi B, Soares JC, Ing A, Desrivieres S, Schumann G, Hansell N, de Zubicaraya GI, McMahon KL, Martin NG, Wright MJ, Thompson PM, and ADNI. Multi-site meta-analysis of morphometry. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, Special Issue, 2016

Contribution to books and monographs

Section Cognitive disorders: from neurodevelopmental to neurodegenerative (section editors Stephen V. Faraone and **Barbara Franke**) In: *Translational Neuroscience in Psychiatry: From Clinic to Laboratory and Back* (Eds Alexander B. Niculescu, MD, PhD, and Julio Licinio, MD), Oxford University Press, *in preparation*.

Franke B, Buitelaar JK. Basic mechanisms and treatment planning/targets for ADHD. In: *New Oxford Textbook of Psychiatry, Third Edition*. Eds John Geddes, Nancy Andreasen, Guy Goodwin Oxford University Press, 2020. (<https://global.oup.com/academic/product/new-oxford-textbook-of-psychiatry-9780198713005?cc=nl&lang=en&#>).

Jahanshad N, Roshchupkin G, Faskowitz J, Hibar DP, Gutman BA, Adams HHH, Niessen WJ, Vernooij MW, Ikram MA, Zwiers MP, Arias Vasquez A, **Franke B**, Ing A, Desrivieres S, Schumann G, de Zubicaray GI, McMahon KL, Medland SE, Wright MJ, Thompson PM. Chapter 1: Multi-site meta-analysis of image-wide genome-wide associations with morphometry. In: *Imaging Genetics*. Eds Adrian V. Dalca, Nematollah K. Batmanghelich, Mert R. Sabuncu, Li Shen. Elsevier, 2018

Franke B, Buitelaar JK. Gene-environment interactions in ADHD. In: *Oxford Textbook of attention-deficit/hyperactivity disorder (ADHD)*. Eds Tobias Banaschewski, David Coghill, Alessandro Zuddas. 2018

Franke B. Oratory lecture: Molecular Psychiatry: Between Statistics and Biology (ISBN: 978-90-9027602-1)

van der Leij A, Zwarts F, Maassen B, **Franke B**, Rispen J. Voorlopers en voorspellers van ontwikkelingsdyslexie. In: *Jaarboek Ontwikkelingspsychologie, orthopedagogiek en kinderpsychiatrie 7*. Eds. A. Vyt, M.A.G. van Aken, J. Bijstra, P.P.M. Leseman, B. Maes. *Bohn Stafleu van Loghum 2007-2008*.

De Jong CAJ, Schellekens AFA, Ellenbroek B. **Franke B**, Verkes R-J. *The Course of addiction: Neurobiological predictors of chronicity*. ZonMW: Den Haag; 2006

Non-reviewed papers on pre-print servers

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Jahanshad N, Ganjgahi H, Bralten J, den Braber A, Faskowitz J, Knodt A, Lemaitre H, Nir T, Patel B, Richie S, Sprooten E, van Hulzen K, Zavaliangos-Petropulu A, Zwiers M, Almasy L, Bastin M, Bernstein M, Blangero J, Curran J, Deary IJ, de Zubicary G, Duggirala R, Fisher S, **Franke B**, Fox P, Goldman D, Haberg A, Hariri A, Hong LE, Hoogman M, Huentelman M, Martin N, Martinot JL, McIntosh A, McMahon K, Medland S, Mitchell B, Muñoz-Maniega S, Olvera R, Oosterlaan J, Peterson C, Royle N, Saykin A, Schumann G, Starr J, Stein EA, Sussmann J, Valdez-Hernan M, van't Ent D, Wardlaw J, Weiner M, Williamson DE, Winkler A, Wright MJ, Yang Y, Thompson PM, Glahn DC, Nichols TE, Kochunov P (2017). Do Candidate Genes Affect the Brain's White Matter Microstructure? Large-Scale Evaluation

of 6,165 Diffusion MRI Scans. *Non-reviewed manuscript on BioRxiv:*
<http://biorxiv.org/content/early/2017/02/20/107987>

Sharp K, Wiegerink W, Arias-Vasquez A, **Franke B**, Marchini J, Albers CA, Kappen HJ (2016). Explaining Missing Heritability Using Gaussian Process Regression. *Non-reviewed manuscript on bioRxiv:* <https://www.biorxiv.org/content/early/2016/02/22/040576>

PhD theses supervised

1. **Franke B** (1999). Rap and Ral in platelet signaling (ISBN: 9789039319703)
2. Klootwijk D (2004). Inositol and zinc in neural tube defects (ISBN: 9789064643880)
3. Rommelse NNJ (2008). Do Endophenotypes Bring Us Closer to Understanding ADHD? Neuropsychological endophenotypes and their molecular genetic underpinnings (ISBN: 9789086592173)
4. Verhagen M (2009). Familiality, comorbidity and molecular genetic factors in major depressive disorder (ISBN: 9789090242132)
5. Toonen E (2010). Anti-TNF pharmacogenomics in rheumatoid arthritis: towards personalized therapeutics (ISBN: 9789090250380)
6. Fliers EA (2010). Motor coordination in children with ADHD, clinical, familial and genetic aspects (ISBN: 9789090256115)
7. Poelmans G (2011). Genes and protein networks for neurodevelopmental disorders (ISBN: 9789491027147)
8. van der Zanden L (2012). Aetiology of hypospadias, from genes to environment and back (ISBN: 9789461911384)
9. Hoogman M (2013). Imaging the effects of ADHD risk genes (ISBN: 9789491027451)
10. Thissen A (2014). Neurocognitive and genetic factors in ADHD across ages and generations: Proceedings on the endophenotype model by including adolescents and their parents
11. Sluiter-Oerlemans A (2014). Shared and unique underpinnings of autism spectrum disorders (ASD) and attention/deficit-hyperactivity disorder (ADHD). Pre-/perinatal antecedents and cognitive deficits in the context of familial risk (ISBN: 9789461695758)
12. Bralten J (2015). Genetics and the brain in attention-deficit/hyperactivity disorder (ISBN: 9789462840126)
13. Onnink M (2016). Understanding adult ADHD: From genes to brain to behavior (ISBN: 9789462840553)
14. Mostert J (2016). A network perspective on adult ADHD (ISBN: 9789462840515)
15. van Donkelaar M (2018). Genetic and neurobiological mechanisms underlying aggression subtypes (ISBN: 9789462841345).
16. Klein, M (2019) From gene to disorder in ADHD: Mapping mechanisms at different levels of complexity (ISBN: 9789463751940).
17. Wolfers T (2019). From interindividual differences to individualized predictions in mental disorders: towards precision medicine in psychiatry (ISBN: 9789462841819).
18. van der Raadt J (2019). Neuronal reprogramming: Changing the chromatin landscape (ISBN: 9789090323213).
19. Wu ZM (2020). The functional and structural brain alterations in ADHD and their genetic correlates (ISBN: 978-94-6421-054-5).
20. Tengeler A (2020). Mind the microbes. The impact of microbiota and diet on brain structure and function in mouse models (ISBN 9789462843233).

21. Li T (2021). Heterogeneity in neurodevelopmental disorders - research into symptomatology, risk factors, and neuroanatomic profiles (ISBN: 9789462842588).
22. Singgih E (2021). Biological insights into candidate genes for ADHD and related neurodevelopmental disorders: lessons learned from Drosophila. (ISBN: 978-94-6284-245-8)
23. Dam S (2021). From belly to brain: the role of gut bacteria in neurodevelopmental disorders (ISBN: 978-94-6284-960-0)
24. van der Linden R (2022). Synaptic loss in Alzheimer's disease: from genes to mechanisms (ISBN: 978-94-6284-284-7)
25. Waddington F (2022). Understanding the heterogeneity and comorbidity of ASD and ADHD: A study of emotion recognition from genes to behaviour (ISBN: 978-94-6284-267-0)
26. Coll Tané M (2022). Characterizing and targeting sleep disturbances in neurodevelopmental syndromes – insights from Drosophila

RELEVANT COURSES

1993:	Permit for working with radioactive material (level
1996:	Management for junior scientists
1997:	Presentation techniques for scientists
2000:	Permit for working with laboratory animals (Artikel 9)
2001:	Clinical trials. A methodological perspective (by Prof. Dr. Steven Piantadosi, Johns Hopkins Oncology Center, Baltimore, MD, USA)
2002:	Biometrics
2003/2004:	Management for scientists (Radboud Leergang Leidinggeven)
2004:	Use of SPSS
2006:	4 th workshop on Methodology for Behavioral Genetics & Genetic Epidemiology
2007:	Toolkit Neuroimaging (F.C. Donders Centre, Nijmegen)
2008:	‘Stratego voor vrouwen’ workshop on gender differences in business and academia
2010:	Good Clinical Practice course (BROK course; recertification obtained in 2013, 2016, 2019, 2022)
2010:	Toolkit Advanced Topics in Neuroimaging (Donders Centre for Cognitive Neuroimaging, Nijmegen)
2011:	Workshop People Management by Hans van Breukelen
2012:	Presentation techniques for top-management
2020:	Workshop Unconscious Bias by Esther Mollema

TEACHING ACTIVITIES:

- Lecturer on Multifactorial Genetics and Genetics of Cognition and Psychiatric Disorders at bachelor and master levels (biology, medical and biomedical curricula, research masters Cognitive Neuroscience and Molecular Mechanisms of Disease in Nijmegen, and at Utrecht University)
- Lecturer on Genetics of Psychiatric Disorders during specialist trainings (e.g. Master of addiction)
- Lecturer on Papers and Publishing, Donders Graduate School (2014-2018)
- Organizer and lecturer of Summer school ‘Brain Imaging Genetics’ at Radboud University, Nijmegen, The Netherlands (August 2014, 2016, 2018)
- Erasmus Summer Program, Rotterdam. Master class on psychiatric genetics (August 2014)
- Organizer and lecturer of workshop on aggression for Early Career Scientists of the four EU-funded FP7 consortia on aggression research (November 2016)
- Internship coordinator of the department of Human Genetics (2005-2011)

- Mentor of PhD students for Radboud University and external institutes (University of Greifswald, Germany; Zentralinstitut fuer Seelische Gesundheit Mannheim, University of Heidelberg, Germany; Institute of Psychiatry, Psychology and Neuroscience, King's College London, UK; University of Barcelona, Spain)
- Mentor for Veni, Vidi, Vici, and ERC candidates at Radboud University
- **(Co-)Promotorships in completed and ongoing projects**
 1. Dr. Enrico (Riko) Klootwijk, PhD (Radboud University, Nijmegen, 2004), postdoc at NIH, Bethesda, USA for several years, now a Lecturer at UCL, London, UK
 2. Dr. Nanda Rommelse, PhD (Vrije Universiteit Amsterdam, 2008, **cum laude**), **winner of several awards for best thesis, winner of several young talent awards, winner of prestigious personal Veni grant**; now a Professor and PI, Radboudumc, Nijmegen, NL and a Clinical Neuropsychologist at Karakter Child & Adolescent Psychiatry Centre, Nijmegen, NL
 3. Dr. Maaike Verhagen, PhD (Radboud University, Nijmegen, 2009), **winner of prestigious personal Veni grant**; now an Assistant Professor, Radboud University, Nijmegen, NL
 4. Dr. Erik Toonen, PhD (Radboud University, Nijmegen, 2010), now the Projectleader R&D at Hycult Biotech, Uden, NL
 5. Dr. Ellen A. Fliers, MD, PhD (Radboud University, Nijmegen, 2010), pediatrician and previous director of Virenze child and adolescent psychiatric clinic, Gorinchem, NL (now retired)
 6. Dr. Geert Poelmans, MD, PhD (Radboud University, Nijmegen, 2011, **cum laude**), **winner of 2013 Richard Todd Award** of the International Society for Psychiatric Genetics (ISPG) for outstanding contribution to the genetics of child psychiatry. Now a senior researcher in my group and CEO and scientific director of spin-out company DrugTarget-ID
 7. Dr. Loes van der Zanden, PhD (Radboud University, Nijmegen, 2012, **cum laude**); **winner of prestigious personal Veni grant**; now a senior researcher and project manager, Nijmegen, NL
 8. Dr. Martine Hoogman (Radboud University, Nijmegen, 2013), after postdoc at the Max Planck Institute, Nijmegen, NL for 2 years, back at Radboudumc; **winner of prestigious personal Veni grant; winner of ECNP Rising Star Award 2020; winner of Early Career Award for Medical Sciences of the Royal Netherlands Academy of Arts and Sciences 2021**; now a junior-PI and on tenure track at Radboudumc departments of Psychiatry and Human Genetics
 9. Dr. Andriek Thissen (Radboud University, Nijmegen, 2014), now a clinical (neuro)psychologist, Sitagre, Amsterdam, The Netherlands and Coordinator Brain & Technology at Saxion Applied Science University.
 10. Dr. Anoeck Oerlemans (Radboud University, Nijmegen, 2014), now an assistant professor, University of Groningen, NL
 11. Dr. Janita Bralten (Radboud University, Nijmegen, February 2015), **winner of Frye Stipend 2013** for 3-month visit to MRN, Albuquerque, New Mexico, USA; **winner of prestigious personal Veni grant**, now a junior-PI and on tenure track at Radboudumc department Human Genetics
 12. Dr. Marten Onnink (Radboud University, Nijmegen, June 2016), now a clinical research manager, Nijmegen, The Netherlands
 13. Dr. Jeanette Mostert (Radboud University, Nijmegen, June 2016), after working as a university teacher at University of Amsterdam and as a dissemination manager in my group, now on a tenure track to combine teaching and research on science communication
 14. Dr. Jill Naaijen (Radboud University, Nijmegen, September 2017), **winner of prestigious personal Veni grant**; after a postdoc, Nijmegen, NL, now a writer of fiction
 15. Dr. Marjolein van Donkelaar (Radboud University, Nijmegen, June 15 2018), now a postdoc at the Max Planck Institute for Psycholinguistics, Nijmegen, NL
 16. Dr. Marieke Klein (Radboud University, Nijmegen, February 1 2019, **cum laude**), **winner of Kramer-Pollnow Prize for Child and Adolescent Psychiatry 2019 and Young Investigator Award 2019 of the Netherlands Human Genetics Society, winner of Niels Stensen Fellowship 2020, winner of prestigious Rubicon Fellowship from the Netherlands Organisation for**

Scientific Research 2020, winner of Richard Todd Award of the International Society for Psychiatric Genetics 2021 for excellent work in the field of child and adolescent psychiatry, after a postdoc at UC San Diego, School of Medicine, San Diego, CA, USA now back in my lab as starting group leader

17. Dr. Thomas Wolfers (Radboud University, Nijmegen, March 15 2019, **cum laude**), **winner of Niels Stensen Fellowship 2019, winner of prestigious Rubicon Fellowship from the Netherlands Organisation for Scientific Research 2020, winner of Marie Skłodowska-Curie Fellowship 2020**, after a postdoc, University of Oslo, Norway, now a group leader at University Tuebingen, Germany
 18. Dr. Jori van der Raadt (Radboud University, Nijmegen, December 9 2019), now a data analyst at the Dutch Court of Auditors, NL
 19. Dr. Renata Cupertino (Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brazil, December 16 2019), now a postdoc at University of Vermont, USA
 20. Zhaomin Wu (Radboud University, Nijmegen, November 19 2020), now a psychiatrist and scientist in Shenzhen, China
 21. Anouk Tengeler (Radboud University, Nijmegen, December 21 2020), now enjoying motherhood
 22. Ting Li (Radboud University, Nijmegen, January 28 2021), after a postdoc at VU Amsterdam, now a data analyst in industry
 23. Euginia Singgih (Radboud University, Nijmegen, March 16 2021), now a researcher in a biotech company in Indonesia
 24. Sarita Dam (Radboud University, Nijmegen, December 15 2021), now a postdoc in Dublin, Ireland
 25. Robert van der Linden (Radboud University, Nijmegen, April 5 2022), now a postdoc in a biotech company in California, USA
 26. Francesca Waddington (Radboud University, Nijmegen, April 19 2022), now a psychologist, London, UK
 27. Joao Guimaraes (Radboud University, Nijmegen, September 19 2022), now a data analyst in industry
 28. Mireia Coll-Tané (Radboud University, Nijmegen, September 22 2022), now a postdoc Radboudumc, Nijmegen, NL
 29. *Mandy Meijer (Radboud University, Nijmegen, thesis defense expected in 2023), now a postdoc in Vancouver, Canada*
 30. *Benjamin Harich (Radboud University, Nijmegen, thesis defense expected in 2023)*
 31. *Joanna Szopinska (Radboud University, Nijmegen, thesis defense expected in 2023), now a data analyst in industry*
 32. *Laura Blok (Radboud University, Nijmegen, thesis defense expected in 2023)*
 33. *Marco Heerings (Radboud University, Nijmegen, thesis defense expected in 2023)*
 34. *Babette Jakobi (Radboud University, Nijmegen, thesis defense expected in 2023)*
 35. *Xiuming Yuan (CSC Fellowship, thesis defense expected in 2023)*
 36. *Yingjie Shi (Radboud University, Nijmegen, thesis defense expected in 2024), winner of an ECIP Poster Award of the ISPG at WCPG 2021 and WCPG 2022*
 37. *Giuseppe Fanelli (Radboud University, Nijmegen, thesis defense expected in 2025)*
 38. *Dan Wu (CSC Fellowship, thesis defense expected in 2026)*
 39. *Haowen Su (CSC Fellowship, thesis defense expected in 2016)*
- **Supervisor of bachelor, master, and honours students (biology, medical and biomedical, applied sciences), among which the following (research) master and honours students:**
 1. Gerly van der Vleuten (2004; Medical Biology), after obtaining PhD in Nijmegen has been working in pharmaceutical and biotech companies, currently at Certara Quantitative Solutions
 2. Loes van der Zanden (2006; Biomedical Sciences), PhD cum laude (2012, see above), now a postdoc and project manager, Nijmegen, NL

3. Hanneke Stegeman (2007; Biomedical Sciences), now a postdoc, Tumor Immunology Laboratory, Radboud University, Nijmegen, NL
 4. Mieke de Jager (2009; Biomedical Sciences), got her PhD from Vrije Universiteit, Amsterdam, in June 2016
 5. Janita Bralten (2010; Cognitive Neurosciences, cum laude), won University Study Award for research master; gained her PhD from my lab (see above), after a postdoc in my group now a junior PI at Radboudumc
 6. Marjolein van Donkelaar (2011; Cognitive Neurosciences, cum laude), after a PhD in my group now a postdoc at the Max Planck Institute for Psycholinguistics
 7. Lianne Scholtens (2011-2012; Cognitive Neurosciences), after a PhD at the Dutch Connectome Lab, Department of Psychiatry, Utrecht University, now a postdoc at Vrije Universiteit, Amsterdam
 8. Thomas Wolfers (2011-2012; Cognitive Neurosciences), after a PhD in my group (2019, cum laude, see above), now a postdoc at Oslo University
 9. Alicia Verberkt (2011-2012; Biology), now a high-school teacher
 10. Lennaert van der Molen (2013; Honours program Radboud University), now studying Physics
 11. Anais Harneit (2013 - 2014; Cognitive Neurosciences), now a PhD student, Zentralinstitut Mannheim, University of Heidelberg, Germany
 12. Anne van Rens (2013 - 2014; Cognitive Neurosciences), now with Radboud International Office
 13. Theresa Schulten (2013 - 2014; Cognitive Neurosciences), now a study nurse at Multiple Sklerose Ambulanz, Universitätsklinikum Essen, Germany
 14. Ellen Verhoef (2014-2015; Medical Biology), now a PhD student at the Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands
 15. Niels Las (2015 - 2016; Cognitive Neurosciences), lost to follow-up
 16. Merith Idema (2016 – 2017; Honours Program Radboudumc, Medical Sciences), now finishing her studies to become a medical specialist
 17. Violeta Mendez Ovares (2017 – 2018; Cognitive Neurosciences), now a PhD student at Maastricht University
 18. Martina Arenella (2018 - 2019; Cognitive Neurosciences, MSc with honours), now in a PhD-position, King's College London, London, UK, and Radboudumc, Nijmegen, NL
 19. Tineke Banda (2018-2019; Cognitive Neurosciences), now a PhD student, University of Amsterdam
 20. Hatice Redjaioglou (2018-2019; Medical Biology), after a second internship at Max Planck Institute Munich, Germany, now looking for PhD position
 21. Petros Antonopoulos (2020; Medical Biology), now on a second internship
 22. Victoria Trindade Pons (2020, Biomedical Sciences), now a PhD student, University of Groningen
 23. Maros Rovny (2020-2021, Cognitive Neurosciences), after a research assistant in my group now a PhD student at Oxford University
- **Supervisor of international students visiting the laboratory:**
 1. Stefanie Berger (Master student Biology, University of Wuerzburg, Germany), visiting with Erasmus scholarship for 3 months (April – July 2013)
 2. Andreia Torres da Silva Marques (PhD student Biosciences, specialization Neurosciences, University of Coimbra, Portugal), visiting on scholarship from the Portuguese Foundation for Science and Technology for 8 months (November 2013 – June 2014)

3. Julia Dauernheimer Machado (student Medical Sciences, University of Porto Alegre, Brazil), visiting on scholarship from the Brazilian Government Science without Borders Program for 12 months (September 2014 – August 2015)
4. Zhaomin Wu (PhD-student Medical Science, Peking University Institute of Mental Health, Key Laboratory of Mental Health, Ministry of Health, Beijing, China), visiting on a scholarship from China Scholarship Council (CSC) (October 2014 – September 2016)
5. Annika Weiß (Master student Medical Biology, University Duisburg-Essen, Germany), visiting for 6 months (visiting on Erasmus scholarship, April – September 2016)
6. Hatice Kübra Şengül (student Fatih University, Istanbul, Turkey) visiting with Turkish scholarship for 6 months (June – November 2017)
7. Aurina Arnatkeviciute (PhD-student Monash University, Melbourne, Australia) visiting on a personal fellowship for 3 months (2018)
8. Renata Cupertino (PhD-student Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brazil) visiting with a fellowship from the Brazilian Federal Agency for Support and Evaluation of Graduate Education (CAPES - Edital PDSE 47/2017) for 7 months (July 2018 – February 2019)
9. Mariana Lizbeth Rodríguez López (Bachelor student National Autonomous University of Mexico, Mexico) visiting with a scholarship from the Programa para Actividades Especiales de Cooperación Interinstitucional (PAECI) for 12 months (August 2018 - September 2019)
10. Nimo Abdullah (Master student Pharmacology and Drug Discovery, Coventry University, UK) visiting for 6 months (September 2019 – February 2020)
11. Giuseppe Fanelli (clinician-scientist, University of Bologna, Bologna, Italy), visiting for 12 months on Erasmus fellowship and own funding (September 2019 – August 2020)

- **Member of the thesis corona and manuscript committees:**

- **Local**

1. Henkjan Gellekink, dept of Pediatrics, Radboud University Medical Center, Nijmegen: Molecular genetic analysis of hyperhomocysteinemia. January 2007
2. Mieke F. Roelofs, dept of Rheumatology, Radboud University Medical Center, Nijmegen: Toll-like receptors in rheumatoid arthritis. Innate immune sensing of danger signals. December 2007
3. Jenny van der Wijst, dept of Nephrology, Radboud University Medical Center, Nijmegen: New patches in the molecular understanding of renal magnesium handling. February 2011
4. Linda Sterrenburg, dept of Cellular Animal Physiology, Radboud University, Nijmegen: The stress response of forebrain and midbrain regions: neuropeptides, sex-specificity and epigenetics. October 2012.
5. Rianne Marsman, dept of Psychiatry, Radboud University Medical Center, Nijmegen: HPA-axis, genes, and environmental factors in relation to externalizing behaviours. March 2013
6. Nicholas H.L. Chua: QST observations in chronic neck pain: Towards a mechanisms-oriented approach to cervicogenic headache (Nijmegen, June 2013; member of manuscript committee)
7. Sylvia Ferré: Calcium and magnesium handling: beyond ion transport (Nijmegen, August 2013; member of manuscript committee)
8. Tessel Galesloot: Hepcidin: population-based studies into genetic determinants and effects of atherosclerosis (Nijmegen, January 2015; chair of manuscript committee)
9. Melanie Hagleitner, dept Pediatric Oncology, Radboud University Medical Center, Nijmegen: The role of pharmacogenetics in Osteosarcoma. March 2015
10. Anne J Grotenhuis, dept Health Evidence, Radboud University Medical Center, Nijmegen: The role of host factors in bladder cancer outcome. April 2015

11. Alessandro Gialluisi: Investigating the genetic basis of reading and language skills (Nijmegen (Faculty of Science), September 2015; chair of manuscript committee)
12. Nicole Saksens: Familial macular disease: Clinical and genetic studies on age-related macular degeneration and inherited macular dystrophies (Nijmegen, December 2015, chair of manuscript committee and cum laude committee; PhD granted cum laude)
13. Lotte Wijers: Etiology of congenital anorectal malformations: Genetic and non-genetic factors (Nijmegen, January 2016; chair of manuscript committee)
14. Mareike Mueller, dept Neurology: Footprints of Alzheimer's disease: Exploring proteins and microRNAs as biomarkers for differential diagnosis (Nijmegen, April 2016; member of manuscript committee)
15. Nikkie Olde Loohuis: MicroRNAs: major regulators in neuronal development, synaptic function and neuropathology (Nijmegen, June 2016; chair of manuscript committee)
16. Winke Franckx, dept Cognitive Neuroscience, Radboud University Medical Centre, Nijmegen: On neural networks related to ADHD as a continuous disorder. September 2016
17. Koen Klemann, dept Molecular Neuroscience (Faculty of Science): A molecular window into Parkinson's disease. (Nijmegen, November 2017; chair of manuscript committee)
18. Yvet Kroeze, dept Cognitive Neuroscience, Radboud University Medical Center, Nijmegen: Effects of serotonin signaling on behavior and gene transcription. A journey through postnatal brain development. February 2018
19. Sara Busquets Estruch, dept Genetics of Language, Max Planck Institute for Psycholinguistics, Radboud University, Nijmegen: Characterization of transcription factors in monogenic disorders of speech and language. June 2018
20. Laura Lorés de Motta, dept Ophthalmology, Radboud University Medical Center, Nijmegen: Genetic biomarkers for precision medicine in age-related macular degeneration. September 2018
21. Martijn Selten, dept Cognitive Neuroscience, Radboud University Medical Center, Nijmegen: Altered function of the inhibitory system in rodent models of neurodevelopmental disorders. January 2019
22. Niels ter Huurne, dept Cognitive Neuroscience, Radboud University Medical Center, Nijmegen: ADHD and the alpha rhythm – on the role of alpha oscillations in neural mechanisms underlying ADHD. January 2019
23. Georgios Georgiou, dept Molecular Developmental Biology, Faculty of Science: From chromatin to gene regulatory networks in embryonic development and evolution (Nijmegen, September 2019; chair of manuscript committee)
24. Amanda Jager, dept Cognitive Neuroscience, Radboud University Medical Center, Nijmegen: Neural mechanisms underlying cognitive control of aggression. November 2019
25. Roselyne Chauvin, dept Cognitive Neuroscience, Radboud University Medical Center, Nijmegen: The efficient brain. On how connectivity modulations underpin cognitive tasks (Nijmegen, December 2019; chair of manuscript committee)
26. Jana Thomas, dept Geriatrics: Slow Waves: Assessing sleep and possible detrimental effects of sleep disruption on brain amyloid- β and cognitive function in shift workers (Nijmegen, October 2020; member of manuscript committee)
27. Anna Santaella, dept Neurology: Tackling Parkinson's disease: a proteomic approach to biomarkers and regenerative therapy (Nijmegen, October 2020; chair of manuscript committee)
28. Nienke Peters van Ton, dept Intensive Care Medicine: Exploring interactions between systemic inflammation and the brain. Neuroinflammation in the pathophysiology of cognitive decline following critical illness (Nijmegen, June 2021; chair of manuscript committee)

29. Rob ter Horst, dept Internal Medicine: Impact of host and environmental factors on immune response heterogeneity (Nijmegen, June 2021; member of manuscript committee; PhD granted cum laude)
30. Joelle Pasman, Behavioural Science Institute, Faculty of Social Sciences: Substance use genetics: uncovering genes and testing gene-environment interplay (Nijmegen, September 2021; chair of manuscript committee and cum laude committee; PhD granted cum laude)

National and international

31. Karin Hek: Anxiety disorders in older adults (Rotterdam, May 2013; member of manuscript committee)
32. Maria Groen-Blokhuis: Keeping focus: a study of attention problems in a GWAS era (Vrije Universiteit Amsterdam, March 2014; member of manuscript committee)
33. Irene Pappa: Genetics and epigenetics of children's behavior problems (Rotterdam, November 2015)
34. Rolieke Cents, dept Child and Adolescent Psychiatry/Psychology, Erasmus MC-University Medical Centre, Rotterdam: Like mother, like child? Intergenerational transmission of psychopathology; a focus on genes and parenting. September 2016
35. Hieab Adams: Brains, genes, and diseases (Rotterdam, November 2016; member of manuscript committee; PhD granted cum laude)
36. Sarah Julia Marzi: Epigenomic Approaches to Neuropsychiatric Health and Disease Across the Life-course (King's College London, UK, June 2017; examiner)
37. Djuke Brinksma: Gene-environment interactions on the course of Attention-Deficit / Hyperactivity Disorder (ADHD) symptoms: From early into late adolescence (Groningen, November 2018; member of manuscript committee)
38. Callum Robert Dark: Identification and functional validation of ADHD-associated gene variants (Monash University, Victoria, Australia, May 2020; member of manuscript committee)
39. Lucia Camacho: Vitamin K and healthy aging (Universitat Rovira i Virgili, Spain, June 2020; member of manuscript committee; PhD granted cum laude)
40. Paula Rovira Rolente: Genetic and epigenetic signatures of attention-deficit/hyperactivity disorder (Universitat de Barcelona, Spain, September 2020; member of manuscript committee)
41. Jalmar Teeuw: Genetic influences on structural and functional brain maturation (Utrecht, November 2020; member of manuscript committee)
42. Fiona Hagenbeek: Omics, biomarkers, and aggressive behavior (Vrije Universiteit Amsterdam, March 2022; member of manuscript committee)
43. Dongmei Yu: Genetics of Tourette Syndrome and Obsessive Compulsive Disorder (Vrije Universiteit Amsterdam, September 2022; member of manuscript committee)
44. Remi Stevelink: The road towards precision therapy for genetic epilepsy (Utrecht University, October 2022; member of manuscript committee)
45. Antonia Kaiser: Probing the deep brain: A novel window on subcortical functional and structural plasticity using advanced MRI techniques (University of Amsterdam, 2022/23; member of manuscript committee)

MEMBERSHIPS:

Local

- Principal Investigator, Radboud University Medical Center

- Principal Investigator, Donders Institute for Brain, Cognition and Behaviour of the Radboud University
- Member of Donders Gender and Diversity Committee (from 2017)
- Leader of Radboudumc Research Theme ‘Neurodevelopmental disorders’ (since 2015)
- Member of Radboudumc Research Council (since 2015)
- Member of the committee for restructuring of internal research funding at Radboudumc (2015)
- Member of the Research Quality Committee evaluating Principal Investigators at Radboudumc (2014-2020)
- Member of the Committee evaluating candidates for Associate Professorships at the Radboud University Faculty of Medicine - Radboud university medical center (since 2012)
- Official representative (speaker) of the ‘Plasticity and Memory’ Theme of the Donders Institute for Brain, Cognition and Behavior (2011-2015)

National and international consortia

- Coordinator of the EU Horizon 2020-funded project Prevention and Remediation of Insulin Multimorbidity in Europe (PRIME; <https://prime-study.eu/>; January 2020 – December 2024)
- Co-chair (with Ben Neale) of the ADHD Working Group of the international Psychiatric Genomics Consortium (since 2018)
- Work package leader of the EU Horizon 2020-funded project ‘Effects of Nutrition and Lifestyle on Impulsive, Compulsive, and Externalizing behaviours’ (Eat2beNICE: <http://newbrainnutrition.com/>; 2017-2021)
- Coordinator of the MiND Consortium (EU Horizon 2020-funded investigating the mechanisms and potential treatments for the neurodevelopmental disorders ADHD and autism; www.mind-project.eu/; January 2015-December 2018)
- Coordinator of the Aggressotype Consortium (EU FP7-funded consortium investigating aggression in ADHD and conduct disorder; www.aggressotype.eu/; November 2013 – October 2018)
- Coordinator of the International Multicentre persistent ADHD CollaboraTion (IMpACT; www.impactADHDgenomics.com; since 2007)
- Work package leader of the EU FP7 Health project Translational Adolescent and Childhood Therapeutic Interventions in Compulsive Syndromes (TACTICS: www.TACTICS-project.eu/; 2012-2018)
- Work package leader of the EU FP7 Health project Imaging genetics for mental disorders (IMAGEMEND: www.IMAGEMEND.eu/; 2014-2018)
- Work package leader of the EU Horizon 2020 Health project Comorbid conditions in ADHD (CoCA: <http://www.ru.nl/donders/agenda-news/vm-news/6-mio-euro-coca-research-adhd/>; 2016-2020)
- Site PI for the IMI2 project Psychiatric Ratings using Intermediate Stratified Markers (PRISM; <https://prism-project.eu/en/prism-study/>; 2016-2019)
- Member of the central support team of the international ENIGMA (Enabling NeuroImaging Genetics through Meta-Analysis) consortium (<http://enigma.ini.usc.edu/>; since 2009)
- PI in the national Gravitation project Language in Interaction (<https://www.languageininteraction.nl/home.html>; 2013-2023)
- Member of the steering committee of the NWO Dutch Dyslexia Program (2007-2013)
- Chair of the Cognomics Program in Nijmegen and project leader of the Brain Imaging Genetics (BIG) Study (<http://cognomics.nl>; since 2007)
- Member of the management team of the Nijmegen Biomedical Study (<http://www.nijmegenbiomedischestudie.nl/>; since 2010)

- Member of the Psychiatric GWAS Consortium (PGC) (<http://www.med.unc.edu/pgc>; since 2005)
- Member of the International ADHD Molecular Genetics Network (<http://adhdnet.com/wp/>; 2004-2007)

Professional societies

- Elected Fellow of the Royal Netherlands Academy of Arts and Sciences (KNAW)
- Elected Fellow of the Royal Holland Society of Sciences and Humanities (KHMW)
- Elected Fellow of Academia Europaea
- Invited member of the Professional Board of the European representation of ADHD patient organizations ADHD-Europe
- Invited member of the European Network for Hyperkinetic Disorders (Eunethydis)
- Member of the International Society of Psychiatric Genetics (ISPG), Elected member of the Board of Directors (2018-2024)
- Member of the European College of Neuropsychopharmacology (ECNP)
- Member of the ADHD World Federation
- Member of the Netherlands Society of Human Genetics (NVHG)
- Member of the Dutch Biobanking initiative BBMRI-NL

SCIENTIFIC BOARDS AND COMMITTEES:

- Milken Institute Strategic Philanthropy project for preparation of a large-scale study involving a learning health system approach to bipolar disorder (2021)
- Member of the evaluation committee for the Netherlands ‘L’Oréal-UNESCO For Women in Science Rising Talent Prizes 2021’ by L’Oréal Netherlands, the Netherlands Commission for UNESCO, and the Royal Holland Society of Sciences and Humanities for young female researchers in the Life Sciences and Physical Sciences (2021)
- Member of the Scientific Advisory Board of the EU Horizon 2020 grant ‘TIMESPAN’ and member of the Impact and Innovation Board (2021-2025)
- Member of the ECNP Workshop Committee (2020-2023)
- Member of the committee for new member selection for the division Medicine of the Royal Netherlands Academy for Arts and Sciences (KNAW; since 2019)
- Consultant for National Institute of Aging R01 grant ‘High Resolution Mapping of the Genetic Risk for Disease in the Aging Brain’ by Dr. Neda Jahanshad (2019-2023)
- Member of the Board of Directors of the International Society of Psychiatric Genetics (ISPG) (since 2018)
- Ambassador and working group member of the ALBA Network for diversity and equity in brain sciences (since 2018)
- Scientific Advisory Panel of the European College of Neuropsychopharmacology (ECNP) (2017-2023)
- Member of the Academia Europaea reviewing board for new applications for the Physiology and Medicine Section (since 2016)
- Scientific Advisor to the Psychiatric Genomics Consortium under the PGC3 grant (2016-2020)
- International Scientific Advisory Board of the German Centre for Developmental Psychiatry (Deutsches Zentrum fuer Entwicklungspsychiatrie, D-ZEP), Frankfurt, Germany (since 2015)
- User Committee of the Technology Foundation STW large-scale grant ‘ImaGene’ on population imaging genetics (www.imagene.nl) (2014-2019)

- Member of the committee for the organizational restructuring of the research divisions of the department of Human Genetics (2011)

Selection committees for academic top-positions

- Member of the nomination committee for the Vice president of the Royal Netherlands Academy for Arts and Sciences (KNAW) (2022)
- Member of the selection committee for two group leader positions for the Max Planck Institute for Psychiatry, Munich, Germany (2022)
- Chair of the permanent committee for appointing new professors in the field of Biomedical diagnostics and therapies at Radboudumc (2021-2024)
- Member of the committee responsible for developing the plan for professorships to be installed (Leerstoelenplan) at Radboudumc in 2021-2024 (2020)
- Member of the Structure Committee for a new professorship in Metabolic Disorders at Radboudumc (2018)
- Member of Advisory Committee for appointment of a W2 Professor in Experimental Neuroscience at the Julius Maximilians University, Würzburg, Germany (2018)
- Member of Advisory Committee for appointment of a W2 Professor in Translational Psychiatry at the Goethe University, Frankfurt am Main, Germany (2017)
- Member of Advisory Committee for appointment of a W2 Professor at the Goethe University, Frankfurt am Main, Germany (2015)
- Member of Advisory Committees for Appointment of an Associate Professor at the Faculty of Medicine of the Radboud University Nijmegen (several since 2012), Chair of the Advisory Committee (several since 2013)
- Frequent membership of Advisory Committees for appointment of Full Professorships at the Radboud University Faculty of Science, Mathematics, and Informatics (since 2009) and the Faculty of Medicine (since 2011)

EDITORIAL AND REVIEWING ACTIVITIES:

Editorship and Editorial Board membership

- Specialty Editor Molecular Biology of the Journal of Child Psychiatry and Psychology (since 2019)
- Member of Editorial Advisory Board of The Lancet Psychiatry (since 2014)
- Associate editor of the American Journal of Medical Genetics Part B: Neuropsychiatric Genetics (2011-2019)
- Member of the Editorial Advisory Board for the Radboud University magazine VOX (2013-2017)
- Section Editor of Oxford Press Book 'Translational Neuroscience in Psychiatry', section on Cognitive Disorders. Eds J Licinio, AB Niculescu (in preparation)

Guest Editorships

- Guest editor for Annual Special Issue 2021 of the Journal of Child Psychiatry and Psychology on autism spectrum disorders genetics and genomics (2021)
- Guest editor for special issue on ADHD comorbidity for the journal Neuroscience and Biobehavioural Reviews (2020)
- Guest editor for special issue on aggression for the journal European Neuropsychopharmacology (2019)
- Guest editor for special section on aggression for the journal European Child and Adolescent Psychiatry (2018)

- Guest editor for special issue on adult ADHD for the American Journal of Medical Genetics Part B: Neuropsychiatric Genetics (2015)
- Guest editor for special issue on adult ADHD for the journal European Neuropsychopharmacology (2012)

Reviewing activities for journals

- Ad hoc reviewer for international scientific journals in the fields of Genetics and Psychiatry, including: The Lancet, Nature, Science, Nature Genetics, American Journal of Psychiatry, Molecular Psychiatry, Biological Psychiatry, Archives of General Psychiatry/JAMA Psychiatry, Lancet Psychiatry, eLife, Proceedings of the National Academy of Sciences USA, Journal of Child Psychology and Psychiatry, Journal of the American Association of Child and Adolescent Psychiatry, Neuropsychopharmacology, Human Molecular Genetics, Journal of Neuroscience, Translational Psychiatry, Expert Reviews of Neurology, European Child and Adolescent Psychiatry, American Journal of Medical Genetics Part B, Birth Defects Research Part A, Human Mutation, BMC Medical Genetics, European Journal of Human Genetics, International Journal of Neuropsychopharmacology, Psychopharmacology, Human Genetics, Biological Psychology, Human Brain Mapping, NeuroImage, PLOS One, BMC Psychiatry, Expert Review of Neurotherapeutics.

Reviewing activities for funding

- Member of the evaluation committee for European Commission ERC Advanced grants (2021)
- Member of the Fellows Award Advisory Committee of MQ Transforming Mental Health through Research (2020)
- Member of the Eunethydis Sagvolden Junior Travel Scholarship committee (since 2012)
- Member of the Evaluation committee for Rubicon Mobility grants (Netherlands Organization for Scientific Research (NWO), 2015)
- Member of Donders Centre for Neuroscience Grant Evaluation Committee (2008-2012)
- Ad hoc reviewer of project proposals for national and international funding agencies, among which: Netherlands Organisation for Scientific Research (NWO) ‘Vernieuwingsimpuls’ (Veni, Vidi, Vici), ‘Nierstichting Nederland’, Dutch ‘Nationaal Asthma Fonds’, Action Medical Research (UK), Medical Research Council (MRC, UK), Wellcome Trust (UK), ‘Telethon’ (Italy), ‘Deutsche Forschungsgemeinschaft’ (DFG, Germany), Research Council of Norway, National Health & Medical Research Council (NHMRC, Australia), Swiss Cancer League (Switzerland); Agence Nationale de la Recherche (ANR, France), National Council for Scientific and Technological Development (CNPq) - National Institutes of Science and Technology (INCT) Program (Brazil), EU Framework Program 7 and Horizon 2020 ERC Program, EU Flagship Human Brain Project, ERA-NET NEURON.

Member of program committees for congresses and meetings

- Chair-elect of the scientific program committee for the European College of Neuropsychopharmacology (ECNP) Conferences 2024-2026
- Member of the scientific program committee for the 36th European College of Neuropsychopharmacology (ECNP) Conference 2023, Barcelona (October 2023)
- Member of the scientific program committee and of the local organizing committee for the 9th World Congress on ADHD, Amsterdam, The Netherlands (May 2023)
- Chair of the scientific program committee for the XXXth World Congress of Psychiatric Genetics, Florence, Italy (September 2022)
- Member of the International Scientific Programme Committee for the 33rd CINP World Congress, Taipei, Taiwan, and virtual hybrid conference (June 2022)
- Member of the scientific program committee for the 33rd European College of Neuropsychopharmacology (ECNP) Conference 2020, virtual conference (September 2020)

- Member of the scientific program committee for the XXVIIIth World Congress of Psychiatric Genetics, virtual conference (October 2020)
- Member of the scientific program committee for the 7th World Congress on ADHD, Lisbon, Portugal (April 2019)
- Member of the scientific program committee for the XXVIIth World Congress of Psychiatric Genetics, Los Angeles, CA, USA (October 2019)
- Member of the scientific program committee for the XXVth World Congress of Psychiatric Genetics, Orlando, USA (October 2017)
- Member of the scientific program committee for the 5th World Congress on ADHD, Glasgow, UK (May 2015)
- Member of the scientific program committee for the XXIIIrd World Congress of Psychiatric Genetics, Toronto, Canada (October 2015)
- Member of the scientific program committee for the XXIInd World Congress of Psychiatric Genetics, Kopenhagen, Denmark (October 2014)
- Member of program committee for the 23rd Eunethydis meeting, Prague, Czech Republic (October 2013)
- Member of the scientific program committee for the XXIst World Congress of Psychiatric Genetics, Boston, MA, USA (October 2013)
- Scientific Program Committee Member of the 1st UKAAN/European Network Adult ADHD Conference, London, UK (September 2011)

OTHER ACADEMIC ACTIVITIES

- Facilitator enabling switch of Dr. Lot de Witte from New York (Mount Sinai) to Nijmegen through Hypatia Fellowship (2021)
- Facilitator enabling switch of Dr. Emma Sprooten from New York (Mount Sinai) to Nijmegen through Hypatia Fellowship (2016)
- Facilitator enabling switch of Dr. Kees Albers from Cambridge (Sanger Institute) to Nijmegen through Hypatia Fellowship (2012)
- Member of ethics committee for scientific research in humans, CMO Arnhem/Nijmegen (2003/2004)
- Host to guest researchers:
 1. Stephanie Berger (Master student at the University of Wuerzburg, Germany; visiting on Erasmus Scholarship, 2013; 3 months)
 2. Andreia Torres da Silva Marques (PhD student from the University of Coimbra, Portugal; visiting on scholarship from the Portuguese Foundation for Science and Technology, 2013-2014; 8 months)
 3. Dr. Sarah Medland (QIMR Berghofer Medical Research Institute, Brisbane, Australia; Visiting Professor on KNAW Fellowship, 2014; several visits)
 4. Julia Dauernheimer Machado (medical student from the University of Porto Alegre, Brazil; visiting on Science without Borders scholarship, 2014-2015; 12 months)
 5. Zhaomin Wu (PhD student from the University of Beijing, China; visiting on China Scholarship Council (CSC) Scholarship, 2014-2016; 24 months).
 6. Prof. Dr. Jan Haavik (University of Bergen, Norway; Visiting Professor on sabbatical, 2014; 4 months)
 7. Ting Li, PhD-student with funding from China Scholarship Council (CSC), 2015-2018, 36 months
 8. Dr. Nina Roth Mota (postdoc from Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brazil, 2016; 2.5 months)

9. Annika Weiß (Master student Medical Biology, University Duisburg-Essen, Germany, 2016, 6 months on Erasmus funding)
10. Hatice Sengul (visiting junior researcher, Fatih University, Istanbul, Turkey, 2017, 5 months, on Turkish scholarship)
11. Prof. Dr. Stephen V Faraone (SUNY Upstate, Syracuse, NY, USA) with Radboud Excellence Visting Professorship (2017, 4 months)
12. Aurina Arnatkeviciute (PhD-student Monash University, Melbourne, Australia) visiting on a personal fellowship for 3 months (2018)
13. Renata Cupertino (PhD-student Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brazil) visiting with a fellowship from the Brazilian Federal Agency for Support and Evaluation of Graduate Education (CAPES - Edital PDSE 47/2017) for 7 months (July 2018 – February 2019)
14. Mariana Lizbeth Rodríguez López (Bachelor student National Autonomous University of Mexico, Mexico) visiting with a scholarship from the Programa para Actividades Especiales de Cooperación Interinstitucional (PAECI) for 12 months (August 2018 - September 2019)
15. Eva Raspor (PhD-student from University of Frankfurt, Germany) visiting on an Erasmus Plus scholarship for 5 weeks (March-April 2018)
16. Xiuming Yuan, PhD-student with funding from China Scholarship Council (CSC), 2019-2023, 48 months
17. Nimo Abdullah (Master student Pharmacology and Drug Discovery, Coventry University, UK) visiting for 6 months (September 2019 – February 2020)
18. Giuseppe Fanelli (clinician-scientist, University of Bologna, Bologna, Italy), visiting for 12 months on Erasmus fellowship and own funding (September 2019 – August 2020)
19. Dan Wu, PhD-student at Shanghai Jiao Tong University School of Medicine visiting with funding from China Scholarship Council (CSC) for 24 months (2022-2023)

RESEARCH PROPOSALS GRANTED:

- 2022:** Netherlands Organisation of Scientific Research (NWO): Growing up in society together (GUTS) (10 years, total grant volume € 22.900.000, € 550.000 allocated to Franke (site-PI))
- 2021:** National Institutes of Health (NIH): Psychiatric Genomics Consortium project 4 (5 years, \$ 184.000 allocated to Franke)
- 2020:** Donders Centre for Medical Neuroscience: Comorbidity and pleiotropy in psychiatry – is the current psychiatric nosology still optimal? (Radboudumc competition for research funding, PIs: Franke, Schene), € 250.000 for 1 PhD student, 4 years.
- 2019:** EU Horizon2020 Program: Prevention and Remediation of Insulin Multimorbidity in Europe - PRIME (SC1-BHC-01-2019, 847879), total grant volume € 6.000.000, € 530.000 allocated to Franke (coordinator), 5 years.
- 2018:** Nationaal Multiple Sclerose Fonds: The interactions between host genetics, diet and physical exercise, and the gut microbiome in multiple sclerosis (PIs: Poelmans, Franke, Arias Vasquez), € 600.000 for PhD student, technician, and consumables for 4 years.
- NWO – Startimpuls Nationale Wetenschapsagenda: NeuroLabNL: Optimale condities voor leren en veiligheid van jongeren (total grant volume € 2.500.000, site-PI), € 90.000 allocated to Franke, 3 years.
- Donders Centre for Medical Neuroscience: Linking genetics and environment through epigenetics as a key to understanding impulsivity and aggression (Radboudumc competition for research funding, PIs: Franke, Sandi (EPFL)), € 250.000 for 1 PhD student, 4 years.

- 2017:** EU Horizon2020 Program: Effects of Nutrition and Lifestyle on Impulsive, Compulsive, and Externalizing behaviors - Eat2beNICE (H2020-SFS-2016-2, 728018), total grant volume € 11.100.000, € 425.000 allocated to Franke (work package leader), 5 years.
- 2016:** Donders Centre for Neuroscience: Meta-analytic discovery science in the genetics of functional connectivity (Radboudumc competition for research funding, PIs: Franke, Beckmann), € 250.000 for 1 PhD student, 4 years.
- 2015:** EU Horizon2020 Program: Psychiatric Ratings using Intermediate Stratified Markers – PRISM (H2020-IMI2-JTI-2015-03 | Topic 3 – 115916), total grant volume € 8.080.000, € 220.000 allocated to Franke, 3 years.
- EU Horizon2020 Program: Comorbid Conditions of attention-deficit/hyperactivity disorder – CoCA (H2020-PHC-03-2015-667302-2), total grant volume € 6.000.000, workpackage leader, € 240.000 allocated to Franke, workpackage leader for WP9 (Impact & Dissemination), 5 years.
- 2014:** EU Horizon2020 Program, European Training Network: Mastering skills in the training Network for attention deficit hyperactivity and autism spectrum Disorders - MiND (H2020-MSCA-ITN-2014 SEP-210159050; 643051); € 3.900.000, coordinator and PI, € 827.000 allocated to Franke, 4 years.
- NIH Big Data to Knowledge (BD2K) Program, Centres of Excellence (RFA-HG-13-009): ENIGMA Center for Worldwide Medicine, Imaging and Genomics (U54 HG008023-01, PI Paul Thompson), total grant volume \$ 11.000.000; \$ 400.000 allocated to subcontract-PI Franke, 4 years.
- 2013:** NWO Vici Personal Grant: Networking through ADHD biology. (016.130.669; PI: Franke; € 1.460.000, 5 years).
- EU Framework Program 7: Aggression subtyping in child psychiatric disorders - AGGRESSOTYPE (EU FP7 HEALTH-F2-2013-602805; € 6.000.000, coordinator and workpackage leader, € 557.000 allocated to Franke, workpackage leader for WP5 (imaging genetics), 5 years).
- EU Framework Program 7: Imaging genetics for mental disorders - IMAGEMEND (EU FP7 HEALTH-F2-2013-602450; € 6.000.000, € 210.000 allocated to Dr. Franke, workpackage leader for WP2 (diagnostic markers), 5 years).
- 2012:** EU Framework Program 7: Translational Adolescent and Childhood Therapeutic Interventions in Compulsive Syndromes - TACTICS (EU FP7-HEALTH-F2-2011-278948; € 6.000.000 of which € 516.000 allocated to Dr. Franke, workpackage leader for WP5 (phenotyping and genotyping), 5 years).
- ZonMw Priority Medicines voor kinderen: Methylphenidate Treatment and the Developing Brain in Attention-Deficit/Hyperactivity Disorder (PIs: Hoekstra, Buitelaar, Franke, Oosterlaan; € 207.000 for 1 PhD student plus bench fee, 4 years).
- NWO EW Free Competition: More Confidence in Causal Modeling. (PIs: Mooi, Heskes, Franke; € 200.000 for 1 postdoc plus bench fee, 3 years).
- NWO Aspasia Award (015.008.009): € 150.000 for research of PI Franke.
- 2011:** NWO Brain & Cognition BCSI Grant: Cognitive markers for persistent versus remittent ADHD (PIs: Buitelaar, Franke, Oosterlaan; € 328.000 for 1 PhD student plus bench fee, 3 years).
- 2010:** BBMRI-Complementation project: The Brain Imaging Genetics (BIG) project, a treasure trough for genes involved in brain function and dysfunction. (PIs: Fernandez, Franke; € 50.000 for enrichment and harmonization of BIG database)
- NWO Brain & Cognition Excellence Grant: From genetic pathways to cognition in ADHD: a question of the right connections? (PIs: Franke, Schenck, Norris, Buitelaar; € 504.000 for PhD student and postdoc plus bench fee, 4 years).
- NWO Brain & Cognition Excellence Grant: How does the neural architecture of cognition map on its genetic architecture? (PIs: Buitelaar, Franke, Kappen; € 500.000 for PhD student and postdoc plus bench fee, 4 years).

- 2009:** ZonMW, addiction program: Substance Abuse Disorders in Adolescence and Young Adulthood: A Follow-up Study of an ADHD Cohort. In Search of Clinical, Cognitive and Genetic Risk Factors. (PIs: Buitelaar, Sergeant, Franke; € 329.000 for PhD student and bench fee)
- Donders Centre for Neuroscience, Depts of Psychiatry, Human Genetics, Cognitive Neuroscience: Looking for the missing heritability: new statistical methods for the analysis of complex disorders, ADHD as a show case. (PIs: Franke, Kappen; € 200.000 for PhD student/postdoc)
- 2008:** Hersenstichting Nederland: Het Brain Imaging Genetics (BIG) project: De invloed van genen voor ziekte op de structuur van de hersenen. Kan de associatie van genen met hersenstructuur ons meer inzicht geven in het onderliggende mechanisme van ziekte? De ziekte van Alzheimer als voorbeeld. (PI: Fernandez, Franke, Rijpkema; € 25.000 for genotyping of candidate genes)
- Investeringen NWO-groot (1750102007010): From Gene to Neural Function in ADHD. Enriching the Dutch database of the International Multisite ADHD Genetics (IMAGE) project (PI: Buitelaar, Sergeant, Minderaa, Senior investigator with funding: Franke; total budget € 1,581,230)
- Donders Centre for Neuroscience: Genes to remember. (PI's: Fernandez, Franke, Tendolkar; € 100.000 for 1 year postdoc + genotyping)
- NIH award for Psychiatric GWAS Consortium (PGC): \$ 31.000 for mega-analyses of ADHD
- NWO Brain & Cognition Joint Forces Grant: IMpACT, the International Multicentre persistent ADHD CollaboraTion (€ 9.800 for organization of an international workshop)
- NWO Brain & Cognition Joint Forces Grant: Dyslexia: integrating developmental trajectories, early detection and intervention, and co-morbidity (€ 9.800 for organization of an international workshop)
- 2007:** Radboud University Nijmegen Medical Centre: Funding for Real-Time PCR system (€ 25.000)
- Hersenstichting Nederland 14F06(2).70: Een genetische associatiestudie voor geselecteerde kandidaatgenen uit dezelfde hypothetische neurobiochemische pathway in een Nederlandse populatie van dyslectische kinderen. (PI: Franke; 0.4 fte technician + bench fee for one year, € 25.000)
- Shire USA: Substance use disorders in ADHD: following up the Dutch IMAGE families. (PIs Faraone, Buitelaar; \$ 195.700)
- Hersenstichting Nederland 15F07(2).27: De genetica van ADHD (Attention Deficit/Hyperactivity Disorder) bij volwassenen, een onderzoek naar neuropsychologie en neuroimaging. (PI: Buitelaar, Franke; 0.5 fte research assistent + bench fee for one year, € 24.930)
- Hersenstichting Nederland 15F07(2).62: Gen-omgevingsinteracties bij de unipolaire depressieve stoornis. De rol van de serotonine transporter, brain-derived neurotrophic factor (BDNF), geslacht, neuroticisme en life events. (PI: Janzing, Franke; 1 fte technician + bench fee for three months, € 18.121)
- 2006:** NWO Dyslexia Program: Biobanking the NWO longitudinal study (PI Franke: € 45.000)
- ZonMw, Doelmatigheidsprogramma + Klinisch Genetisch Centrum Nijmegen: Pharmaco-genetic testing in the clinical setting: is screening for TPMT genotype a cost-effective treatment strategy? The first prospective randomized controlled trial within the Dutch health care system (PI Franke, co-PI's Scheffer, de Jong, Guchelaar; 1.0 fte postdoc + 1 fte technician for 3 years, €508.000)
- Nierstichting Nederland (C062180): Identification of genetic risk factors in the aetiology of anomalies belonging to the renal dysplasia spectrum. (PI Knoers, Co-PI's Blom, Franke; 1.0 fte postdoc for 3 years; € 209.800)
- FNIH, Genetic Association Information Network (GAIN): Genotyping of 600.000 SNPs in 1000 trio's with ADHD-affected child from the IMAGE cohort of ADHD. (PI Faraone)
- 2005:** Radboud University Nijmegen Medical Centre: Funding for four-colour microarray scanner (€ 94.500)

Radboud University Nijmegen Medical Centre: ADHD in adults: brain morphology and neuropsychology as intermediate phenotypes between genes and clinical phenotype (PI's Franke, Buitelaar; PhD student + bench fee for 4 years, € 250.000)

Koningin Wilhelmina Fonds: Allelic imbalance analysis using SNP markers for the detection of bladder cancer recurrences. (PI's Kiemeney, Franke, Witjes; 0.5 fte postdoc + benchfee for 2 years, € 200.000)

SEIN: Pharmacogenetics of epilepsy treatment with carbamazepine (PI's Deckers, Franke: € 8.000 per year for 3 years for sample collection and genotyping)

2004: NWO-INV: Enriching TRAILS (PI's: Ormel, Verhulst, Minderaa, € 1.200.000 for biobanking TRAILS)

Hersenstichting: Onderzoek naar de genetische oorzaken van dyslexie: voortzetting van een succesvol onderzoek (PI: Franke; 0.4 fte technician + bench fee for one year, € 24.881)

Hersenstichting: Onderzoek naar de genetische oorzaken van ADHD (attention-deficit/hyperactivity disorder) bij volwassenen (PI's: Buitelaar, Franke; 0.4 fte technician + bench fee for one year, € 24.926)

2003: Prinses Beatrix Fonds: Genetic variation in folic acid-related genes as risk factor for neural tube defects - a new approach. (PI's: Franke, Blom; postdoc + bench fee for 2 years, € 145.905)

Wyeth: Pharmacogenetics of venlafaxine treatment in psychotic depression. (PI's: Verkes, Franke; € 10.000 for genotyping)

Astra Zeneca: Pharmacogenetics of quetiapine treatment in psychotic depression. (PI's: Verkes, Franke; € 9.000 for genotyping)

ZonMW, addiction program: Interactions between 3,4-Methylenedioxymethamphetamine (MDMA or 'ecstasy') and alcohol, cannabis, and physical exercise in humans: cognitive, serotonergic, cardiovascular and antidiuretic effects (PI: Verkes; PhD student + bench fee for 4 years)

UMC Nijmegen: Pharmacogenomics of anti-TNF treatment in rheumatoid arthritis. (PI's: Franke, Barrera; PhD student + bench fee for 4 years, € 243.000)

UMC Nijmegen: Genes and Environment in Attention-deficit / Hyperactivity Disorder (ADHD). (PI: Buitelaar; PhD student + bench fee for 4 years, € 243.000)

2002: UMC Nijmegen: Implementation of a SNP microarray facility for genotyping and mutation analysis for use by the UMC Nijmegen. (PI's: Franke, Kiemeney, Scheffer; Postdoc + bench fee for 2 years, € 113.445)

ZonMW, addiction program: Role of gene-environment interactions in alcohol addiction. (PI's: Ellenbroek, Cools, Verkes; PhD student + bench fee for 4 years; € 230.000)

2000: Prinses Beatrix Fonds: The genetic defect of the Bent tail mouse, a mouse model for X-linked neural tube defects: (A) relevance of the genes causing Bent tail in human NTDs; (B) the effect of folic acid, inositol and zinc on the Bent tail phenotype. (PI: Franke; Technician + bench fee for 1 year, € 45.021)

PRESENTATIONS (ORAL)

National

- MGC PhD course, Rotterdam: *Neural tube defects*. May 2001
- Central Animal Laboratory KUN/UMCN, Nijmegen: *The Bent tail mouse*. May 2001
- Working group Tumordiagnosics, UMCN, Nijmegen: *Analysis of genetic variation, why and how?* June 2002
- Working group Diagnostics of multifactorial disorders of the Topcenter for Genetic and Metabolic diseases (TGM), UMCN, Nijmegen: *Genetic variation and DNA-diagnostics*. February 2003

- *Pharmacogenetics of epilepsy*: 1) Epilepsy working group UMCN Nijmegen, January 2003, 2) Epilepsy working group Leiden, January 2003 3) Epilepsy working group Heemstede, April 2003
- Working group Renal diseases of the Topcenter for Genetic and Metabolic diseases (TGM), UMCN, Nijmegen: *Analysis of genetic variation*. May 2003
- NTD symposium: Neural tube defects: folate and beyond, Soeterbeek: *Nutrients, genetics and NTD*. September 2003 (co-organizer and chairperson)
- Minisymposium Pharmacogenetics, Internal Medicine, UMCN, Nijmegen: *Pharmacogenetics: New possibilities for DNA-diagnostic services*. September 2003
- TGM symposium, UMCN, Nijmegen: ‘High Throughput techniques’: *Pharmacogenetics in research and diagnostic services, an application for ‘high throughput genotyping*. November 2003
- Ethical review committee Arnhem/ Nijmegen: *Ethical considerations at the Department of Human Genetics*. March 2004
- Minisymposium Pedagogy, UMCN, Nijmegen: *Genetics and behavior*. June 2004
- Geestkrachtdag, Rotterdam: *TRAILS and Genetics*. September 2004
- Masterclass Neurocognition, Utrecht: *Genetics of developmental dyslexia*. April 2005
- GeNeYous symposium, Oss 2005: *Pharmacogenomics*. April 2005
- Symposium of Research Institute for Behavioral and Cognitive Neurosciences (BCN), Groningen: *Genetics of ADHD*. May 2006
- Symposium “ADHD bij kinderen en volwassenen. Nieuwste inzichten in diagnostiek en behandeling”, Zwolle: *Genetische aspecten van ADHD*. June 2006
- Annual Meeting of the National Neuropsychology Society, Amsterdam: *Genetics of Developmental Dyslexia*. November 2006
- Symposium “Polymorphic genes, compromised adaptation”, Zwolle: *Dopaminergic genes in ADHD: linkage and association findings*. February 2007
- Spring-symposium NVHG (Nederlandse Vereniging voor Humane Genetica), Amsterdam: *Genome-wide association study in ADHD*. March 2008
- Bussum Symposium Psychiatrie, Bussum: *Genetic research in autism and ADHD: the role in treatment*. October 2009
- Artsenkennisnetwerk ADHD, Utrecht: *Genetics of ADHD: Approaches and Findings*. October 2009
- Radboud University Nijmegen, Department of Cellular Animal Physiology, Nijmegen: *Genetics of ADHD: Approaches and Findings*. November 2009
- Vrije Universiteit Amsterdam, Department of Biological Psychiatry, Amsterdam: *Genetics of ADHD: Approaches and Findings*. November 2009
- Maastricht University, Department of Neuropsychology and Psychopharmacology, Maastricht: *Genome-wide association study of regional brain volume in 600 individuals suggests involvement of known psychiatry candidates, identifies new candidates for psychiatric disorders and points to potential modes of their action*. January 2010
- Donders Institute for Brain, Cognition and Behavior, Nijmegen: *Gene-finding in ADHD: Approaches and findings*. February 2010
- Nederlandse Vereniging voor Psychiatrie, Voorjaarssymposium 2011, Amsterdam: *Genome-wide association studies in ADHD*. March 2011
- Spring-symposium NVHG (Dutch Organization for Human Genetics), Veldhoven: *Local brain structure alteration is a mediator of genetic risk for neuropsychiatric disorders and facilitates gene finding in these disorders*. April 2011

- Utrecht University, Department of Psychiatry, Utrecht: *Genetics of psychiatric disease: From statistical p-values to biological function*. August 2011
- Dutch Dyslexia Programme, Concluding Symposium, Amsterdam: *The genetic component of developmental dyslexia: an update and results from the Dutch Dyslexia Programme*. December 2011
- Jelgersma Lecture, Leiden University, Leiden: *Genetics of psychiatric disease: From statistical p-values to biological function*. October 2012
- Keynote lecture at yearly meeting of the Centre for Molecular and Biomolecular Bioinformatics (CMBI), Nijmegen: *Molecular Psychiatry: between statistics and biology*. October 2012
- Hersenstichting Nederland, Publieksdag 2013, Utrecht: *Dyslexie: van gen naar brein*. September 2013
- Invited Lecture at Annual Meeting Neuroscience Campus Amsterdam, Amsterdam: *From correlation to causation in psychiatric genetics*. April 2014
- Erasmus Summer Program, Rotterdam. Master class: Advances in Genomics Research. *Genetics of psychiatric disorders and biological mechanisms from gene to phenotype*. August 2014
- 15th National Autism Congress, Rotterdam: *Genetics: State of the art, for Dummies*. March 2015
- 4th SWP-Hersencongres ‘Abnormaal zo gek nog niet’, Amsterdam: *Het slaan van genetische piketpaaltjes: epigenetica*. March 2015
- Radboud Science Day 2015, Nijmegen: *The Cognomics Initiative*. April 2015
- Keynote Lecture at Donders Discussions, Nijmegen: *Psychiatric genetics: how to build a career amongst big data and big biological questions?* November 2015
- Maastricht Brain Imaging Center (M-BIC) Lecture Series, Maastricht: *Cognomics: making sense of genetic factors for psychiatric disorders by exploring their effect on brain phenotypes*. January 2016
- Voorjaarscongres Nederlandse Vereniging voor Psychiatrie, Maastricht: *ENIGMA: the power of collaboration*. April 2016
- Natuurwetenschappelijk Genootschap Wageningen, Lezingenreeks 2015-2016, Wageningen: *Van genetische aanleg naar klinisch fenotype in ADHD*. April 2016
- Utrecht University X-talks Structure and Connections Lecture Series, Utrecht: *From gene to ADHD via the brain – working towards causality*. September 2016
- Groningen University, Symposium ‘ADHD and the developing brain’, Groningen: *Pathways from gene to disease in ADHD: imaging genetics*. December 2016
- Groningen University, Symposium ‘Imaging and genetics in ADHD’, Groningen: *Consortium Science: how international collaboration moves our research in psychiatry forward – examples for ADHD*. January 2017
- VU University, Symposium ‘Crime and Genetics’, Amsterdam: *The Aggrosotype Consortium – interdisciplinary work in search of the biological basis of aggressive behaviour*. October 2018
- Maastricht University, Translational Neuroscience Lecture Series Research School MHENS, Maastricht: *From finding genes to understanding biological mechanisms in neurodevelopmental psychiatric disorders*. May 2019
- Donders Institute meets NIN, Nijmegen: *Convergence Neuroscience in psychiatry: towards understanding the etiology of psychiatric disorders through interdisciplinary team science*. **Keynote Lecture**. November 2019
- Koninklijk Genootschap Physica, lecture series, Alkmaar: *Psychiatrische aandoeningen – sociale constructies of biologische entiteiten? ADHD als een voorbeeld*. March 2021
- Inaugural Symposium Nanda Rommelse ‘Ontwikkelingsstoornissen: feiten, fabels en frictie’, Nijmegen (virtual): *Zijn ontwikkelingsstoornissen erfelijke hersenaandoeningen? Of ligt het toch aan de opvoeding?* June 2021

- Inaugural Symposium Indira Tendolkar ‘Translating scientific discoveries into psychiatric practice: Where are we now and where do we go from here’, Nijmegen: *Genetics in psychiatry: from basic research towards clinical applications*. May 2023

International

- Hematology Division, Brigham & Women’s Hospital, Boston, MA, USA: *Towards identification of the function of Rap1 in platelets*. August 1998
- American Society of Human Genetics (ASHG), Philadelphia, PA, USA: *The genetic defect of Bent tail*. October 2000
- Neural Tube Conference 2002, Charleston, SC, USA: *Nutrients, genetics and NTD*. May 2002
- Institute of Psychiatry, King’s College London, London, UK: *Genetics of ADHD, approaches to gene finding*. February 2006
- European Network for hyperkinetic disorders (Eunethydis) meeting, Cagliari, Sardinia, Italy: *IMAGE to GAIN. Molecular genetics studies in IMAGE*. Oktober 2007
- European College of Neuropsychopharmacology (ECNP) Meeting, Vienna, Austria: *Adult prognosis of ADHD by polymorphisms in the dopaminergic system*. October 2007
- 8th ADHD Molecular Genetics Network Meeting, Sanibel Island, FL, USA: *The adult ADHD genomics consortium*. December 2007
- World Congress of Psychiatry, Prague, Czech Republic: *Genome-wide association studies in ADHD*. September 2008
- GAIN Analysis III Workshop, Philadelphia, PA, USA: *Copy number analysis in ADHD*. November 2008
- 9th ADHD Molecular Genetics Network Meeting, Sanibel Island, FL, USA: *IMpACT, an update from the International Multicentre Persisting ADHD CollaboraTion*. December 2008
- 2nd International Congress on ADHD, Vienna, Austria: *Genome-wide association studies in the IMAGE project*. May 2009
- Central Institute of Mental Health, Mannheim, Germany: *Genetics of ADHD: Approaches and findings*. June 2009
- European College of Neuropsychopharmacology (ECNP) Meeting, Istanbul, Turkey: *ADHD from childhood to adulthood: testing the IMAGE candidates in IMpACT*. September 2009
- XVIth World Congress of Psychiatric Genetics, San Diego, California, USA: *Genome-wide association study of regional brain volume in 600 individuals suggests involvement of known psychiatry candidates, identifies new candidates for psychiatric disorders and points to potential modes of their action*. November 2009
- XVIth World Congress of Psychiatric Genetics, San Diego, California, USA: *A neurodevelopmental network for ADHD: Integrating GWAS findings*. November 2009
- 10th ADHD Molecular Genetics Network Meeting, Sanibel Island, FL, USA: *IMpACT, an update from the International Multicentre Persisting ADHD CollaboraTion*. December 2009
- First International ADHD Congress of the European Network for hyperkinetic disorders (Eunethydis), Amsterdam, The Netherlands: *Genetic effects in ADHD: Current state of the art*. May 2010
- XVIIth World Congress of Psychiatric Genetics, Athens, Greece: *Intermediate phenotypes based on neuroimaging help in gene finding and characterization of the effects of ADHD risk factors*. October 2010
- 60th Annual Meeting of the American Society of Human Genetics, Washington, DC, USA: *Local brain structure alteration is a mediator of genetic risk for neuropsychiatric disorders and facilitates gene finding in these disorders*. November 2010

- 11th ADHD Molecular Genetics Network Meeting, Sanibel Island, FL, USA: *On Bayesian approaches to genome-wide association and the International Multicentre Persisting ADHD CollaboraTion (IMpACT)*. December 2010
- Department of Child and Adolescent Psychiatry and Psychotherapy, University of Duisburg-Essen, Essen, Germany: *Genetics of ADHD, approaches and findings*. April 2011
- 3rd World Congress on ADHD, Berlin, Germany: *Genetic contribution to the development of ADHD: Current state of the art. Plenary lecture*. May 2011
- 3rd World Congress on ADHD, Berlin, Germany: *Brachiating along the developmental trajectory - on the persistence of intermediate ADHD phenotypes*. May 2011
- European Network for hyperkinetic disorders (Eunethydis) meeting, Budapest, Hungary: *GWAS versus Geeweezz, what have we learned from genome-wide association?* September 2011
- 1st UK Adult ADHD Network (UKAAN) / European Network Adult ADHD Conference, London, UK: *The genetics of ADHD in adults*. September 2011
- European College of Neuropsychopharmacology (ECNP) Meeting, Paris, France: *New molecular pathways in ADHD: basic, translational and clinical implications*. September 2011
- 4th Nordic Psychiatry Academy ADHD, Copenhagen, Denmark: *Genetics in ADHD – an update. Plenary lecture*. November 2011
- Second International ADHD Congress of the European Network for hyperkinetic disorders (Eunethydis), Barcelona, Spain: *Functional Genomics in ADHD*. May 2012
- 12th ADHD Molecular Genetics Network Meeting, Hamburg, Germany: *The International Multicentre Persisting ADHD CollaboraTion (IMpACT), an update*. October 2012
- Department of Psychiatry, Asan Medical Center, Seoul, Korea: *Genetics and biology of ADHD*. November 2012
- 1st Asian Congress on ADHD, Seoul, Korea: *The genetics of ADHD: between statistics and biology. Plenary lecture*. November 2012
- The Mind Research Network, Albuquerque, NM, USA: *Genetics of brain structure and function*. April 2013
- 4th World Congress on ADHD, Milan, Italy: *Hot topic symposium: How genetics can inform the concept of at risk in ADHD?* June 2013
- 4th World Congress on ADHD, Milan, Italy: *Hot topic symposium: Large-scale multicenter genetic studies in ADHD?* June 2013
- 6th INCF Congress on Neuroinformatics, Stockholm, Sweden: *Cognomics – how to map interindividual genetic variability onto variability in human behavior. Plenary lecture*. August 2013: <https://www.youtube.com/watch?v=f-sZnIHZ-U>
- XXth World Congress of Psychiatric Genetics, Boston, MA, USA: *Model Systems for Mapping Biological Pathways from Gene to Disease in ADHD*. October 2013
- Psychiatric Genomics Consortium World-wide Lab Meeting, webinar (with Paul Thompson): The ENIGMA Consortium – exploring the genetic architecture of human brain structure. October 2013
- Institute D’Or for Research and Education (IDOR), Rio de Janeiro, Rio de Janeiro, Brazil: *Neural correlates of ADHD: from adolescence to adulthood*. November 2013
- Department of Psychiatry, Universidade Federal do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brazil: *Genetics of ADHD: from statistics to biology*. November 2013
- 3rd International ADHD Congress of the European Network for hyperkinetic disorders (Eunethydis), Istanbul, Turkey: *Fast forward in aggression research*. May 2014

- 29th World Congress of the College of International Neuropsychopharmacology (CINP), Vancouver, Canada: *Overlap and differences between ADHD and conduct disorder: Imaging genetics approaches*. June 2014
- 2nd UK Adult ADHD Network (UKAAN) / European Network Adult ADHD Conference, London, UK: *The genetics of ADHD in adults, an update*. September 2014
- XXIInd World Congress of Psychiatric Genetics, Kopenhagen, Denmark: *Aggression in ADHD and Conduct Disorder: Impulsive and Instrumental Subtypes*. October 2014
- European College of Neuropsychopharmacology (ECNP), Berlin, Germany: *Do ADHD risk factors act on brain connectivity in children and adults with ADHD?* October 2014
- Goethe University, Department of Psychiatry, Psychosomatics and Psychotherapy, Frankfurt am Main, Germany: *Consortium Science: how can international collaboration move forward our research in psychiatry?* November 2014
- XXXIVth Congress of the German Deutsche Gesellschaft fuer Kinder und Jugend Psychiatrie, Psychosomatik und Psychotherapie (DGKJP), München, Germany: *Aggressionsproblematik bei kinderpsychiatrischen Störungen - von biologischen Mechanismen zu effektiver Behandlung: das Aggressotype Konsortium*. March 2015
- 5th World Congress on ADHD, Glasgow, UK: *Research Consortia symposium: Consortium Science: How can international collaboration move forward our research on psychiatric disorders and ADHD in particular?* May 2015
- **Keynote lecture** for Opening Symposium of the German Centre for Developmental Psychiatry (D-ZEP), Frankfurt, Germany: *Molecular psychiatry of neurodevelopmental disorders: from gene finding to understanding disease biology*. September 2015
- Annual meeting of the European Network for Hyperkinetic Disorders (Eunethydis), Stockholm, Sweden: *Mapping pathways from gene to disease in ADHD*. October 2015
- Annual meeting of the international ACTION Consortium, Amsterdam, The Netherlands: *The Aggressotype Consortium: aggression in the context of ADHD and conduct disorder*. October 2015
- Helmholtz Centre for Environmental Research, Leipzig, Germany: *Genetics of psychiatric neurodevelopmental disorders and pathways from gene to disease*. February 2016
- Annual General Meeting of the patient organization ADHD-Europe, Brussels, Belgium: *Research on ADHD in European consortia and the contribution of ADHD Europe*. February 2016
- NIDA Genetics Workgroup Webinar Series on Imaging Genetics: *Cognomics: from gene-finding to understanding the biology underlying psychiatric disorders*. March 2016
- **Keynote lecture** at the 26th Turkish Child and Adolescent Psychiatry Congress, Izmir, Turkey: *The Biology of ADHD – From Gene-Finding To Understanding Disease Risk*. April 2016
- 11th meeting on Copy Number Variants and Genes in Intellectual Disability and Autism, Troina, Sicily, Italy: *Genetic findings for ADHD and the neurodevelopmental disorders continuum*. April 2016
- Society of Biological Psychiatry (SOBP) Annual Meeting 2016, Atlanta, GA, USA: *Attention-deficit / hyperactivity disorder in adults: Alterations In Structural And Functional Connectivity And Their Behavioural Consequences*. May 2016
- ENIGMA Data Blitz at SOBP, Atlanta, GA, USA: *Updates on the ENIGMA ADHD Working Group: Progress of the ENIGMA ADHD Working Group*. May 2016
- Shire – Meeting of Minds VIII, Vienna, Austria: *What can we expect from genetics in ADHD in the coming years?* **Plenary Lecture**. June 2016
- University of Exeter, Complex Disease Epigenomics Group, Exeter, UK: *From correlation to causality in psychiatric genetics*. June 2016

- 55th Annual Meeting of the American College of Neuropsychopharmacology (ACNP), Miami, FL, USA: *Cortical Maturation Delays Characterize ADHD in a Large-Scale Mega-Analysis Across the Life-Span Performed by the ENIGMA-ADHD Working Group*. Hot Topic Presentation. December 2016
- Greifswald University Hospital, Ganimed (Greifswald Approach to Individualized Medicine) lecture, Greifswald, Germany: *The Biology of ADHD – From Gene-Finding To Understanding Disease Risk*. December 2016
- American Professional Society of ADHD and Related Disorders (APSARD) 2017 Annual Meeting, Washington DC, USA: *The biology of ADHD: from basic science to application in the clinic*. **Plenary Lecture**. January 2017
- Swiss Federal Institute of Technology (EPFL), School of Life Sciences, Lausanne, Switzerland; Life Science Seminar Series: *From gene-finding to understanding disease risk in neurodevelopmental psychiatric disorders*. March 2017
- 6th World Congress on ADHD, Vancouver, Canada: *Epigenetics as a window to understanding the contribution of genetics and the environment to ADHD*. **Plenary Lecture**. April 2017
- 6th World Congress on ADHD, Vancouver, Canada: *The fruit fly Drosophila – a flexible model system for ADHD-like behaviour*. April 2017
- 6th World Congress on ADHD, Vancouver, Canada: *Heritability and the role of genes in aggression*. April 2017
- 25th EPA 2017 European Congress of Psychiatry, Florence, Italy: *Dissecting heterogeneity in psychiatric disorders using imaging and genetic markers*. April 2017
- European Society of Human Genetics Annual Meeting, Copenhagen, Denmark: *New ways of studying brain anatomy*. May 2017
- 30th European College of Neuropsychopharmacology (ECNP) Congress, Paris, France: *From genes to clinical phenotype in ADHD across the lifespan*. **Plenary Lecture**. September 2017
- 30th European College of Neuropsychopharmacology (ECNP) Congress, Targeted Network Meeting ‘Personalised medicine: stratification in psychiatry based on imaging genetics’, Paris, France: *Using genetics (and imaging) for clinical purposes - prospects for neurodevelopmental psychiatric disorders*. September 2017
- Annual meeting of the European Network for Hyperkinetic Disorders (Eunethydis), Cologne, Germany: *Recent developments in ADHD genetics and Epigenetics research in ADHD – linking genetics and environment*. October 2017
- 2nd Meeting of the International Scientific Board of Experts on ADHD (ISBEA) ‘Personalized Medicine’, Cologne, Germany: *Prospects of genetic / genomic markers to work towards personalized medicine in ADHD*. October 2017
- World Psychiatric Association (WPA), XVIIth World Congress of Psychiatry, Berlin, Germany: *New insights into ADHD genetics across the lifespan*. October 2017
- XXVth World Congress of Psychiatric Genetics (WCPG), Genes in context. Orlando, Florida, USA: *From gene-finding to understanding biological pathways to psychiatric disease through interdisciplinarity*. **Plenary Lecture**. October 2017
- American Professional Society of ADHD and Related Disorders (APSARD) 2018 Annual Meeting, Washington DC, USA: Lunch session ‘ADHD in the prison system’: *ADHD and aggression: what are the biological mechanisms?* January 2018
- 46th International Neuropsychology Society Annual Meeting, Washington DC, USA: *From genes to behaviour in ADHD – how is the brain involved?* February 2018
- The International College of Neuropsychopharmacology (CINP), Vienna, Austria: *Epigenetic DNA-methylation in humans with ADHD: biomarker or more?* June 2018

- 5th International ADHD Congress of the European Network for hyperkinetic disorders (Eunethydis), Edinburgh, UK: *Endophenotypes of ADHD*. **Plenary Lecture**. September 2018
- 31st European College of Neuropsychopharmacology (ECNP) Congress, Barcelona, Spain: *The neurobiology of aggression: Genes and beyond*. October 2018
- MRC Centre for Neuropsychiatric Genetics and Genomics/Division of Psychological Medicine, Cardiff University, Cardiff, UK: Distinguished Speaker Seminar Series: *From finding genes to understanding biological mechanisms in neurodevelopmental psychiatric disorders*. November 2018
- Goethe University Frankfurt am Main, Frankfurt, Germany: **Inaugural Lecture** for Adjunct Professorship: *Biological Psychiatry – moving from limitations to opportunities*. January 2019
- Annual ADHD meeting, Nyborg, Denmark: ADHD from neurobiology to the clinic. **Keynote lecture**: *ADHD across the lifespan – from neurobiology towards clinical application*. January 2019
- 13th International Conference on ADHD, Berlin, Germany: *Epigenetics in ADHD*. **Plenary Lecture**. March 2019
- XXXVIth Deutsche Gesellschaft fuer Kinder- und Jugendpsychiatrie (DGKJP) Congress, Mannheim, Germany: *From genes to biology in neurodevelopmental psychiatric disorders*. April 2019
- 7th World Congress on ADHD, Lisbon, Portugal: Hot Topic in Research debate: Position = *We need big data studies rather than small studies with deep phenotyping*. April 2019 [Cancelled due to personal circumstances]
- Kavli Prize Symposium '[Passion for Neuroscience](#)', Bergen, Norway: *From finding genes to understanding biological mechanisms in neurodevelopmental psychiatric disorders*. September 2019
- Eunethydis Conference 2019 and Farewell Symposium Jan Buitelaar 'Child Psychiatry: what's next?', Nijmegen, The Netherlands: *Revolutionizing our understanding of ADHD genetics based on Big data?* September 2019
- Aarhus University, Aarhus, Denmark: **Inaugural Lecture** for Honorary Skou Professorship: *Biological Psychiatry – moving from limitations to opportunities*. October 2019
- Annual Expertforum ADHD 4.0, Frankfurt am Main, Germany. **Keynote lecture**: *ADHD across the lifespan – from neurobiology towards clinical application*. October 2019
- World Congress of Psychiatric Genetics, Los Angeles, California, USA. *The brain in ADHD and the role of genetics*. October 2019
- 29th Friedrich Merz Visiting Professorship Award Symposium, Frankfurt am Main, Germany. *Neurobiological research in ADHD – Opportunities for personalized medicine?* November 2019
- Psychiatric Genomics Consortium's Pathways to Therapeutics, virtual conference. *Updates from the PGC ADHD Working Group*. April 2020
- European Network for hyperkinetic disorders (Eunethydis) annual meeting, virtual. *Newest findings from PGC's ADHD Working Group*. October 2020
- American Professional Society of ADHD and Related Disorders (APSARD) 2021 Annual Meeting, virtual, **Plenary lecture**: *Brain Imaging in ADHD: a perspective from the ENIGMA ADHD Working Group and beyond*. January 2021
- 35th World Congress of the College of International Neuropsychopharmacology (CINP), virtual meeting. **Plenary lecture**: *From basic science to clinical application in ADHD across the lifespan*. February 2021
- 35th World Congress of the College of International Neuropsychopharmacology (CINP), virtual meeting. *Neurobiological Research in ADHD - Opportunities For Personalized Medicine*. February 2021
- 8th World Congress on ADHD, virtual. **Plenary lecture**: *Progress in the genetics and epigenetics research in ADHD*. May 2021
- European Network for hyperkinetic disorders (Eunethydis) annual meeting, virtual. *Updates on genetic and epigenetic findings in ADHD*. September 2021

- 1st Asia-Pacific Neuroscience Student Congress and Hong Kong Student Association of Neuroscience 2nd Annual Conference (APNSC-HKSAN) 2021, virtual meeting. **Keynote lecture:** *From finding genes to understanding biological mechanisms in neurodevelopmental psychiatric disorders*. October 2021
- 34th European College of Neuropsychopharmacology (ECNP) Congress, Lisbon, Portugal: *Brain Imaging in ADHD: a perspective from the ENIGMA ADHD Working Group and beyond*. October 2021
- ADHD Foundation/ADHD Ireland Conference ‘Changing perceptions of ADHD, The largest ADHD Conference in Europe’, Day 3: Medical Professionals, virtual meeting: *ADHD and biological facts*. October 2021
- Jacques Monod Conference: ‘Genetics, environment, signaling, & synaptic plasticity in developmental brain disorders: from bench to bedside’, Roscoff, France. *From finding genes to understanding biological mechanisms in neurodevelopmental psychiatric disorders – attention-deficit/hyperactivity disorder as an example*. April 2022
- The International ADHD Congress 2022, Tel Aviv, Israel. *Biological pathways from genes to behavior in ADHD - where do we stand?* June 2022
- European Network for hyperkinetic disorders (Eunethydis) annual meeting, Cardiff, UK: *Causes and consequences of cardiometabolic disease in ADHD*. September 2022
- Meet the Expert: Online seminar series (sponsored by Medice): *Neurobiology of ADHD across the lifespan: from basic research towards clinical applications*. October 2022
- 35th European College of Neuropsychopharmacology (ECNP) Congress, Vienna, Austria. ECNP Inspired: *Convergence Neuroscience – the future of research into mental health conditions*. October 2022

WORKSHOPS AND OTHER INTERACTIVE SESSIONS

- 7th National Autism Congress, Rotterdam: *Genetics for Dummies*. March 2007
- Brain & Cognition Workshop on ADHD etiology, Amsterdam: *Genetics of ADHD: The IMAGE consortium*. April 2009
- Brain & Cognition Workshop on adult ADHD, the IMpACT symposium, Nijmegen (Organizer and chair): *The International Multicenter persistent ADHD CollaboraTion, IMpACT*. May 2009
- Brain & Cognition Workshop on developmental dyslexia, Amsterdam, NL: *Genetics of developmental dyslexia: Research within the Dutch Dyslexia Program*. May 2009
- World Congress of Biological Psychiatry, Paris, France: *Genetics of adult ADHD*. June 2009
- Graduierten Kolleg Emotions Spring School, Würzburg University, Schweinfurt, Germany: *From phenotype to genotype and back in Attention-Deficit/Hyperactivity Disorder*. April 2010
- Second Workshop on adult ADHD of the International Multicentre persistent ADHD CollaboraTion (IMpACT), Würzburg, Germany: *Imaging Genetics in Cognition*. June 2010
- European College of Neuropsychopharmacology (ECNP) Technical Expert Meeting (TEM), Amsterdam, NL: *New molecular pathways in ADHD: basic, translational and clinical implications*. August 2010
- Ghent-Southampton Bilateral Alliance for Translational Science in ADHD (BATSA), Ghent, Belgium: *Genetics of ADHD, state of the art*. January 2011
- Expertmeeting Neuroscience, Utrecht, NL: *Neuroscience in dialogue*. April 2011
- Third Workshop on adult ADHD of the International Multicentre persistent ADHD CollaboraTion (IMpACT) and official opening of the KG Jebsen Centre for Research on Neuropsychiatric Disorders, Bergen, Norway: *What have we learned from molecular genetic studies on adult ADHD?* May 2011
- KNAW workshop Complex trait genetics: future of twin research. Amsterdam: *ENIGMA: Enhancing Neuro Imaging Genetics Through Meta-Analysis*. January 2013

- Fourth Workshop on adult ADHD of the International Multicentre persistent ADHD CollaboraTion (IMpACT) and UK Adult ADHD Network (UKAAN) workshop, London, UK: *The genetics of ADHD in adults*. September 2013
- Goethe University, Department of Child and Adolescent Psychiatry, Psychosomatics and Psychotherapy, Frankfurt am Main, Germany: *Frome gene to disease in ADHD*. November 2014
- ENIGMA Working Groups PI workshop, Honolulu, Hawaii, USA: *The ENIGMA-ADHD Working Group*. June 2015
- Workshop at the 26th Turkish Child and Adolescent Psychiatry Congress, Izmir, Turkey: *Genetics of ADHD*. April 2016
- Panel Discussion on progress in ADHD research during Shire - Meeting of Minds VIII, Vienna, Austria. June 2016
- XXVth World Congress of Psychiatric Genetics (WCPG), Genes in context. Orlando, Florida, USA: Panel Discussion: Focusing on Women in Psychiatric Genetics. October 2017
- American Professional Society of ADHD and Related Disorders (APSARD) 2018 Annual Meeting, Washington DC, USA: **Plenary Lecture and Discussion Session: ADHD as a brain disorder: Why is it so hard to establish?** January 2018
- 32nd European College of Neuropsychopharmacology (ECNP) Congress, Copenhagen, Denmark: *Panel Discussion: ENIGMA, a world-wide network for neuroimaging and genetics research: progress through team science*. September 2019
- 33rd European College of Neuropsychopharmacology (ECNP) Congress, virtual meeting: campfire session 'Getting started in preclinical research: a young researcher's perspective'. September 2020
- European College of Neuropsychopharmacology (ECNP) Workshop for Early Career Scientists in Europe, virtual edition: *From genes to phenotype in psychiatry*. March 2021
- European Brain Research Area (EBRA) PREMOS Cluster virtual meeting: Working group on translational value of animal models. *Second Working Group meeting*. June 2021
- Round Table Meeting, Baarn, The Netherlands: *Lifestyle, Diet, and the Brain: what do we know, and where do we want to be 5 years from now?* October 2021
- Ernst Strüngmann Forum. *Exploring and Exploiting Genetic Risk for Psychiatric Disorders*. Frankfurt, Germany. 1 week international research retreat; June 2022

INTERACTIONS WITH PATIENT ORGANIZATIONS

- Woortblind (Dutch organization for dyslexia): *Dyslexia, the biological side*. September 2011
- Regular (annual) expertmeetings with representatives of patient organizations for dyslexia and ADHD, Woortblind Balans, and Impuls (since 2014)
- Participation of patient organization ADHD Europe in EU FP7 consortium Aggrosotype, lead by Franke, with active contributions to dissemination and training (since 2013)
- Participation of patient organizations ADHD-Europe and ASD-Europe in EU Horizon2020 International Training Network MiND, lead by Franke, with active contributions to dissemination and training (since 2015)
- Annual General Meeting of the patient organization ADHD-Europe, Brussels, Belgium: *Research on ADHD in European consortia and the contribution of ADHD Europe*. February 2016
- Invited member of the Professional Board of the European representation of ADHD patient organizations ADHD-Europe (from 2017)
- Information Market Expertmeeting with representatives of patient organizations for dyslexia and ADHD, Woortblind Balans, and Impuls (October 2018)

- Lecture at the Annual General Meeting of the patient organization ADHD-Europe, virtual: *Biological research into ADHD - what have we learned?* (April 2021)
- Webinar in the series *Broadcasting ADHD Europe: The future of ADHD* (<https://www.youtube.com/watch?v=9nDp9zvSaZg>) (June 2021)
- ADHD Ireland Conference ‘Changing perceptions of ADHD’ Professionals Day. *Biological research into ADHD - what have we learned?* (October 2021)

INTERVIEWS AND GENERAL PUBLIC APPEARANCES

- Press conference (+ television interview) for the European College of Neuropsychopharmacology Meeting, Istanbul, Turkey: *Genetics of adult ADHD*. September 2009
- Several interviews for popular press (daily newspapers, popular psychology magazines) including:
 - Quest, February 2008: *Lees je blind? Dyslexie: In de hersenen kijken*.
 - Psychologie Magazine, April 2011: *De kracht van kwetsbaarheid*.
 - Telegraaf, Mei 2012: *Slimmer door meer hersenvolume*.
 - Gelderlander, Mei 2012: *Des te meer hersenen, des te slimmer*.
 - Telegraaf, Februari 2013: *Miljoenenprijzen voor toponderzoekers*.
 - Gelderlander, Februari 2013: *Miljoenenprijzen voor toponderzoekers*.
- Media exposure, both national and international, on the basis of first ENIGMA ADHD Working Group publication: *Brain is smaller in ADHD*, February 2017: Trouw, Volkskrant, and NRC (Dutch daily newspapers), De Standaard (Belgium), Le Devoir (Canada), Washington Post (USA), The Times (UK), CNN.com, Associated Press, ANSA Press (Italy), Canadian Broadcasting, many medical websites, e.g. Medscape Medical News.
- Several interviews for newsletters of patient organizations Woortblind (dyslexia), Impuls (ADHD) and Balans (neurodevelopmental disorders) (since 2008)
- TV program ‘Pavlov’ on ADHD (with actor Tygo Gernandt), December 2011
- TV program ‘Pavlov’ on dyslexia (with actor Egbert-Jan Weeber), March 2012
- Radio interview for Unique FM program ‘Gezond en Wel’. *ADHD research*. February 2013
- Day for the public Hersenstichting 2013. *Dyslexie: van gen naar brein*. October 2013
- Information film about psychiatric research at the Radboud university medical center and the Donders Institute for Brain, Cognition and Behaviour by American Psychiatric Association (APA) TV. May 2014 (https://youtu.be/o11AqqA_u-o?list=PL9CZabk3nD4GYHmvAMXcp3KDLnbpe2giP)
- Radio interview for BNR Radio. *Genes for aggression discovered*. October 2014
- Radio interview for NTR, Radio 5 program ‘De Kennis van Nu’. *Genen voor hersenontwikkeling geïdentificeerd*. January 2015 (<http://www.npowetenschap.nl/programmas/de-kennis-van-nu/Radio-5/2015/Januari/22-1-2015-moleculaire-psychiatrie.html>; starts at 25.45 minutes)
- ECNP Matters, Spring 2015 edition. *The ECNP Network Initiative – Meeting the horizon*.
- Radio interview for NTR, Radio 5 program ‘De Kennis van Nu’. *Depressie in de genen en toch gelukkig*. September 2015 (<http://npowetenschap.nl/site/artikel/Depressie--gen-maakt-gelukkig/7526>)
- Booklet on the NWO research programme Brain & Cognition: an integrated approach. June 2016 (<http://www.nwo.nl/over-nwo/X+publicatie/nihc/brain-and-cognition-an-integrated-approach-bcia.html>)
- Information video on the ENIGMA world-wide brain imaging genetics consortium: ENIGMAatters (April 2017): <https://www.youtube.com/watch?v=a5sShjqdLtE&feature=youtu.be>
- Studying ADHD on a large scale: Discussing ENIGMAatters with Martine Hoogman & Barbara Franke

(April 2017): https://www.youtube.com/watch?v=iNLU_8qO3v0

- Late-breaking news interview at the 6th ADHD World Congress on ADHD, Vancouver, Canada (April 2017)
- TV program 'BBC Horizon' with UK entertainer Rory Bremner: *Horizon: ADHD and Me with Rory Bremner*. April 2017 (<https://myshare.box.com/s/3b9djsx50oi5ihanhg7lhakopapi4qsb>; password: adhd17)
- Science Magazine: The world's largest set of brain scans are helping reveal the workings of the mind and how diseases ravage the brain (January 23 2018) <http://www.sciencemag.org/news/2018/01/worlds-largest-set-brain-scans-are-helping-reveal-workings-mind-and-how-diseases>
- Quanta Magazine: Theory Suggests That All Genes Affect Every Complex Trait (June 20 2018) <https://www.quantamagazine.org/omnigenic-model-suggests-that-all-genes-affect-every-complex-trait-20180620/>
- Cordis research*eu results magazine: Aggression aetiology unveiled, new treatments on the way (Number 76, October 2018): https://cordis.europa.eu/news/rcn/130018_en.html
- ADHD documentary 'Shine a light on ADHD' product of MiND EU consortium, with additional support from EU projects Aggrosotype, CoCA, and Eat2beNICE (released on October 31 2018, in the context of ADHD Awareness Month 2018): <https://www.youtube.com/watch?v=XmS7jUhB74A>
- Margriet (Dutch popular magazine): Professor Barbara Franke van Radboud University in Nijmegen onderzoekt de link tussen genen en neuropsychiatrische aandoeningen, waarbij ze zich vooral concentreert op ADHD en aanverwante stoornissen zoals autisme. (Edition November 26 2018)
- NPO Radio 1 interview in the program 'Nieuws en Co' about the findings reported in our ADHD GWAS paper by the Psychiatric Genomics Consortium (November 28 2018). <https://www.nporadio1.nl/nieuws-en-co/onderwerpen/481851-voor-het-eerst-echt-gevonden-genetische-risico-s-op-adhd>
- RTL Nieuws website: Voor het eerst op grote schaal bewezen: ADHD zit in je DNA (December 3 2018). <https://www.rtlnieuws.nl/nieuws/nederland/artikel/4505106/voor-het-eerst-op-grote-schaal-bewezen-adhd-zit-je-dna>
- De Gelderlander website: Doorbraak: onderzoekers Radboudumc ontdekken genen die ADHD kunnen veroorzaken (December 3 2018). <https://www.gelderlander.nl/nijmegen/doorbraak-onderzoekers-radboudumc-ontdekken-genen-die-adhd-kunnen-veroorzaken~aac88caa/>
- Omroep Gelderland website: Revolutionair onderzoek Radboudumc biedt meer duidelijkheid over ADHD (December 3 2018). <https://www.omroepgelderland.nl/nieuws/2391941/Revolutionair-onderzoek-Radboudumc-biedt-meer-duidelijkheid-over-ADHD>
- VOX Magazine (Radboud University) website: Doorbraak in onderzoek naar 'beladen' ADHD (December 4 2018). <https://www.voxweb.nl/nieuws/doorbraak-in-onderzoek-naar-beladen-adhd>
- VOX Magazine (Radboud University) International website: Breakthrough in much-discussed research into ADHD (December 5 2018). <https://www.voxweb.nl/international/breakthrough-in-much-discussed-research-into-adhd>
- RN7 Local Radio: De Avondshow, about the findings reported in our ADHD GWAS paper by the Psychiatric Genomics Consortium (December 3 2018)
- 7Days (newspaper for adolescents): Er is niet één ADHD-gen. Interview about the findings reported in our ADHD GWAS paper by the Psychiatric Genomics Consortium (December 7 2018)
- Radboudumc & Lux debate: De nieuwe mens. De nieuwe mens is een designerbaby. Short (1.5 minute) filmed interview about the possibility of improving intelligence by engineering genes (December 12 2018)
- Radboud University Actueel (December 12 2018): 14 Radboudianen behoren tot de 1 procent meest geciteerde wetenschappers. <https://www.ru.nl/nieuws-agenda/nieuws/vm/algemeen/2018/14-radboudianen-behoren-1-procent-meest-geciteerde/>

- Brain Facts (April 4 2019): Girls with ADHD may not be diagnosed until they're older. <https://www.brainfacts.org/diseases-and-disorders/mental-health/2019/girls-with-adhd-may-not-get-diagnosed-until-theyre-older-040419>
- Balans Magazine 32 (2), 2019, page 18-19 (magazine of Dutch ADHD patient organisation; April 19 2019): Doorbraak in genetisch onderzoek naar ADHD: ADHD en genen, een doorbraak in erfelijkheidsonderzoek. <https://www.balansdigitaal.nl/magazine/doorbraak-in-genetisch-onderzoek-naar-adhd/>
- De Gelderlander, national daily newspaper (May 2 2019), interview following royal award: Meer snappen van ADHD.
- Hart van Nijmegen, local newspaper (September 2019, page 12-13), interview about scientist in the area: ADHD heeft niets te maken met ouders die hun kinderen niet goed opvoeden.
- Nature Methods, Technology Feature: Convergence in neuropsychiatric research (Vivian Marx). Nat Methods. 2019 Oct;16(10):961-964: <https://www.nature.com/articles/s41592-019-0578-5>
- The Lancet Psychiatry, Profile: Barbara Franke – unravelling ADHD's biology (Tony Kirby). Lancet Psychiatry, April 2020, 7(4): 310
- ADHD Awareness Month website 2020: <https://adhdawarenessmonth.org/questions-and-answers/>, <https://adhdawarenessmonth.org/what-causes-adhd/>, <https://adhdawarenessmonth.org/adhd-runs-in-families/>
- Dementia in Europe magazine, comment on 'Lancet Commission identifies 12 modifiable risk factors that could account for 40% of dementias', Volume 34, October 2020: 36-38
- Interview in magazine 'De Psycholoog' in the section 'Inspiration': Groot, Groter, Grootst, February 2021: 40-41
- Interview in popular magazine 'Margriet': Dus dat was er altijd met mij aan de hand: ADHD, Number 14, March 2021: 84-87
- [ADDitudemag.com](https://www.additudemag.com). Barbara Franke, Hugh Garavan, and Tor Wager: Neuroimaging and ADHD: Findings, Limitations, and Promise (presented at the 2021 APSARD Conference): April 12 2021. <https://www.additudemag.com/neuroimaging-adhd-findings-limitations-promise/>
- Podcast on Super Brains ADHD BrainShare with Sandra Kooij: #7 Barbara Franke: AD(H)D en erfelijkheid. Bestaat er iets als een AD(H)D gen? <https://superbrains.podbean.com/e/7-barbara-franke-adhd-en-erfelijkheid-bestaat-er-iets-als-een-adhd-gen/> June 18 2021
- Voeding Nu, edition December 2021, page 34-36. Trends in onderzoek naar de effecten van voeding op het brein. Allemaal aan de blauwe bes?

MEETING ORGANIZATION

- Scientific co-organizer and chairperson of symposium 'Neural tube defects: folate and beyond', Soeterbeek, The Netherlands (September 2003)
- Co-chairperson and discussion moderator of 'ADHD genes' session at the World Congress of Psychiatric Genetics, New York, USA (October 2007)
- Scientific organizer and chairperson of workshop on adult ADHD, Nijmegen, The Netherlands (May 2009)
- Scientific co-organizer of workshop on dyslexia, Amsterdam, The Netherlands (May 2009)
- Organizer and chairperson of session on adult ADHD at the World Congress of Psychiatric Genetics, Athens, Greece (November 2010)
- Chairperson of Hot Topic Symposium 'IMPACT symposium on adult ADHD' at the 3rd International Congress on ADHD, Berlin, Germany (May 2011)

- Organizer and chairperson of session on Neurogenetics at the International Conference on Human Genetics (ICHG/ASHG), Montreal, Canada (October 2011)
- Co-organizer and session chair, Dutch Dyslexia Programme, Conclusion Symposium, Amsterdam, The Netherlands (December 2011)
- Chairperson for session on ADHD etiology at the 1st Asian Congress on ADHD, Seoul, Korea (November 2012)
- Chairperson of the yearly meeting of the Centre for Molecular and Biomolecular Bioinformatics (CMBI), Nijmegen, The Netherlands (October 2012)
- Chairperson of session on complex genetics at the New Frontiers Symposium: Genomics in health and disease – towards personal genomics, Nijmegen, The Netherlands (December 2012)
- Co-chairperson of session on ADHD genetics at the 4th International Congress on ADHD, Milan, Italy (June 2013)
- Session chair at the 23rd Eunethydis meeting, Prague, Czech Republic (October 2013)
- Session chair and Moderator of session on ENIGMA for the XXIst World Congress of Psychiatric Genetics, Boston, MA, USA (October 2013)
- Organizer and chairperson for all General Assembly and Steering Committee meetings of the FP7-funded Aggressotype Consortium (2 times per year from November 2013)
- Organizer of summer school ‘Neuroimaging Genetics’ at Radboud University, Nijmegen, The Netherlands (August 2014)
- Session chair, moderator and discussant in several sessions of the XXIInd World Congress of Psychiatric Genetics, Copenhagen, Denmark (October 2014)
- Organizer and chairperson for all Annual Meetings of the H2020-funded MiND Consortium (from March 2015)
- Session chair for the XXXIVth congress of the German Deutsche Gesellschaft fuer Kinder und Jugend Psychiatrie, Psychosomatik und Psychotherapie (DGKJP), München, Germany: Aggressive Verhaltensweisen bei Kindern - Aggressotype - ein EU-weites Forschungsprojekt zur Pathophysiologie und Therapiemöglichkeiten (March 2015)
- Organizer and chairperson for all Annual Meetings of the ECNP Network ADHD across the Lifespan (from March 2015)
- Member of the scientific program committee for the 5th World Congress on ADHD, Glasgow, UK (May 2015)
- Session organiser and chair for the 5th World Congress on ADHD, Glasgow, UK (May 2015)
- Member of the scientific program committee for the XXIIIrd World Congress of Psychiatric Genetics, Toronto, Canada (October 2015)
- Chairperson of the 8th Annual meeting of the International Multicenter persistent ADHD Collaboration (IMpACT), Florianopolis, Brazil (November 2015)
- Organizer of summer school ‘Neuroimaging Genetics’ at Radboud University, Nijmegen, The Netherlands (August 2016)
- Chairperson of the Targeted Network Meeting of the ECNP Network ADHD across the Lifespan at the 29th ECNP Congress, Vienna, Austria (September 2016)
- Session organizer and chair of several sessions for the 6th World Congress on ADHD, Vancouver, Canada (April 2017)
- Session chair for the 25th EPA 2017 European Congress of Psychiatry, Florence, Italy (April 2017)
- Organizer and chairperson of the 9th Annual meeting of the International Multicenter persistent ADHD Collaboration (IMpACT), Nijmegen, The Netherlands (May 2017)

- Organizer and chair of symposium on ‘recent developments in ADHD research’ at 30th European College of Neuropsychopharmacology (ECNP) Congress, Paris, France (September 2017)
- Organizer of 3rd Cognomics Conference Neurogenomics: ‘The road ahead’ at Radboud University, Nijmegen, The Netherlands (September 2017)
- Session chair for symposium at the World Psychiatric Association XVII World Congress of Psychiatry: ‘ADHD – a heritable disorder, but lifestyle also matters: hopes and hypes in treating ADHD across the lifespan’. Berlin, Germany (October 2017)
- Session chair for symposium ‘Biological mechanistic insights into ADHD etiology’ at the Annual meeting of the European Network for Hyperkinetic Disorders (Eunethydis), Cologne, Germany (October 2017)
- Session organizer, chair, and discussant of several sessions for the XXVth World Congress of Psychiatric Genetics, Orlando, USA (October 2017)
- Session organizer and chair for invited symposium ‘Attention-deficit/hyperactivity disorder (ADHD): emerging insights on a category at the extreme of a population continuum’ at the 46th International Neuropsychology Society Annual Meeting, Washington DC, USA (February 2018)
- Session organizer and chair for symposium on ‘ADHD across the lifespan - biological mechanisms underlying disease onset and persistence, implications for treatment’ at The International College of Neuropsychopharmacology (CINP), Vienna, Austria (June 2018)
- Session chair for symposium on aggression research at the 31st European College of Neuropsychopharmacology (ECNP) Congress, Barcelona, Spain (October 2018)
- Organizer and (co-)chair of the 3rd Cognomics Conference, Nijmegen, The Netherlands (September 2019)
- Member of the local organizing committee for the Eunethydis Member Conference 2019, Nijmegen, The Netherlands (September 2019)
- Session chair Regulatory Spotlight Session – Gender aspects and women’s health in CNS. 33rd European College of Neuropsychopharmacology (ECNP) Congress, virtual meeting (September 2020)
- Session chair for symposium on ADHD non-mental comorbidity research at the American Professional Society of ADHD and Related Disorders (APSARD) 2021 Annual Meeting, virtual edition (January 2021)
- Director of course on ADHD comorbidity at the European Psychiatry Association (EPA) Annual Meeting, virtual meeting (April 2021)
- Organizer of IMPACT and ECNP Network ADHD across the Lifespan Annual Meeting 2021, virtual addition (June 2021)
- Session chair for symposium on ADHD comorbidity research at the 34th European College of Neuropsychopharmacology (ECNP) Congress, Lisbon and virtual hybrid meeting (September 2021)
- Congress chair (together with 3 co-chairs) and chair of the Program Committee for the World Congress of Psychiatric Genetics 2022, Florence, Italy (September 2022)
- Session chair for symposium on course alteration in ADHD at the 35th European College of Neuropsychopharmacology (ECNP) Congress, Vienna and virtual hybrid meeting (October 2022)
- Moderator of ‘Campfire session’ on Neurodiversity at the 35th European College of Neuropsychopharmacology (ECNP) Congress, Vienna and virtual hybrid meeting (October 2022)
- Member of the local organizing committee for the 9th World Congress on ADHD, Amsterdam, The Netherlands (May 2023)