

Curriculum Vitae Cisca Wijmenga

Name Cisca (Tjitske Nienke) Wijmenga
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 Date of birth February 16, 1964
 Sex Female
 Nationality Dutch

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ACADEMIC QUALIFICATIONS

March 24, 1993 Ph.D. (*Cum Laude*) for thesis on ‘Faciocapulo humeral muscular dystrophy: from genetic mapping towards gene cloning’ Leiden University, the Netherlands
 October 27, 1988 Master’s degree in Biochemistry and Human Genetics, Groningen University, the Netherlands

OTHER QUALIFICATIONS

Jan–Dec 2020 VSNU Governing the University in the 21st Century
 Jan 2005–June 2005 Academic Leadership course, Eva Wiltingh consultancy B.V.
 Feb 2003–June 2003 Management course R.A.A.K. consultancy B.V.
 Nov 1999–June 2000 Management course - Leadership skills, IBO Zeist
 April 1996–Nov 1998 Basic university teacher training course BKO, Utrecht University, diploma awarded Nov 1998

EMPLOYMENT

Sept 2019–Present Rector magnificus of the University of Groningen
 Since Aug 2017 Lodewijk Sandkuijl Endowed Chair, University of Groningen
 Jan 2016–July 2019 Adjunct Professorship in Medicine at the University of Oslo, Norway (0.1 fte) and Principal investigator at K.G. Jebsen Coeliac Disease Research Centre, University of Oslo
 Since Jan 2007 Full professor of Human Genetics, Department of Genetics, University Medical Centre Groningen, the Netherlands
 Jan 2007–Dec 2016 Head of Department of Genetics, University Medical Centre Groningen, the Netherlands
 May 2003–Jan 2007 Full professor of Human Genetics, Head of the Complex Genetics Section, Department of Biomedical Genetics, University Medical Centre Utrecht, the Netherlands
 Sept 2001–March 2002 Fulbright scholar, National Human Genome Research Institute, NIH, Bethesda, USA
 March 1999–May 2003 Associate professor, Department of Biomedical Genetics, University Medical Centre Utrecht, the Netherlands
 Oct 1995–March 1999 Assistant professor, Department of Biomedical Genetics, University Medical Centre Utrecht, the Netherlands
 Jan 1994–Oct 1995 Postdoctoral fellow working under Dr. FS Collins, National Human Genome Research Institute, NIH, Bethesda, USA
 March 1993–Jan 1994 Postdoctoral fellow working under Prof. RR Frants, Department of Human Genetics, Leiden University Medical Centre, the Netherlands
 March 1989–March 1993 Postgraduate research towards PhD, supervisors Prof. RR Frants and Prof. GW Padberg, Leiden University Medical Centre, the Netherlands

ADMINISTRATIVE AND MANAGEMENT ACTIVITIES

2020–present Member Supervisory Board, Ludwig Clinic
 2020–present Member Supervisory Board, Wadden Academy

- 2019–present Member Supervisory Board, Groningen University Fund
 2019–present Chair, Nicolaas Mulerius Fund
 2019–present Chair, Eric Bleumink Fund
 2019–present Board Member, Ubbo Emmius Fund
 2019–present Member, Board Royal Physical Society (KNG)
 2019–present Member, Supervisory Board Holding Company University of Groningen
 2019–present Member, Advisory Committee on Medical Manpower Planning
 2019–present Member, VSNU Education & Research Steering Group (SOO)
 2019–present Rector Magnificus of the University of Groningen
 2018–2019 Board member, ZonMW, the Netherlands Organisation for Health Research and Development
 2017–present Co-PI, Netherlands Organ-on-a-Chip Initiative (NOCI)
 2015–2019 Co-director, BBMRI-NL2.0 (national biobank consortium)
 2013–2016 Board Member, University College Groningen, the Netherlands
 2011–2017 Project Leader for Nutrition and Health, in the Top Institute for Food and Nutrition (TIFN), the Netherlands
 2007–2016 Head of the Genetics Department, University Medical Centre Groningen, the Netherlands
 2004–2007 Member of Management Team, Dept. of Medical Genetics, University Medical Centre Utrecht, the Netherlands
 2003–2007 Head of the Complex Genetics Section, Department of Biomedical Genetics, University Medical Centre Utrecht, the Netherlands
 1999–2000 Member of Management Team, Dept. of Medical Genetics, UMC Utrecht, the Netherlands

AWARDS OBTAINED

- 2014–2021 Web of Science highly cited researcher (top 1%)
 2019 European Society of Human Genetics 2019 Award
 2018 United European Gastroenterology Research Prize (€100k)
 2018 Knighted in the Order of the Dutch Lion
 2017 Lodewijk Sandkuijl Endowed Chair, University of Groningen
 2017 Appointed a member of the Fryske Akademy (Frisian Academy)
 2016 Membership of the Royal Holland Society of Sciences and Humanities (*KHMW*)
 2015 Best Manuscript Awards Circulation Research (for Fu et al. publication)
 2015 Named one of the 100 most influential woman in the Netherlands by national magazine *Opzij*
 2015 Spinoza award (Dutch equivalent of Nobel prize, €2.5M)
 2014 *Joop Roels* Impact Award 2013 (awarded by the food industry to the research project with the highest impact on its innovation potential)
 2013 Member of the Academia Europaea
 2012 Visiting Scientist award from the Sigrid Jusélius Foundation (Finland)
 2012 Membership of the Dutch Royal Academy of Arts and Sciences (*KNAW*)
 2009 Distinguished Visiting Scientist Stipend (Netherlands Genomics Initiative)
 2005 VICI award (Netherlands Organization for Scientific Research)
 2001 Fulbright Scholarship (Netherlands America Commission for Educational Exchange)
 2001 Ter Meulen Fonds Fellowship (Royal Academy of Arts and Sciences)
 2001 Netherlands Organization for Scientific Research Travel Award
 1994 Visiting Fellowship Award (Fogarty) National Institute of Health, USA
 1993 J.C. Kok Award - annual award by the Medical School, Leiden University, for the best young researcher in the medical sciences (< 40 years)
 1993 “Neuromuscular disorders” Award - annual award by the Research Foundation for Neuromuscular Disorders for the best scientific manuscript in this field

GRANTS OBTAINED (total sum over €30 million) * indicates completed projects.

- 2018 United European Gastroenterology Research Prize (€100k)
 2017 NWO Gravitation grant: Netherlands Organ-on-a-Chip Initiative (co-PI; total grant €18 million)
 2016 * K.G. Jebsen Centre for Coeliac Research, Oslo (1 postdoc for 2 years awarded to Prof. C. Wijmenga as co-PI)
 2015 University of Groningen Investment Agenda grant for “Personalized Health” (€2,973,300)
 2015 NWO Spinoza grant SPI-92-266 (personal award of €2.5 million)

- 2014 * BBMRI-NL2.0: The NL-Biobank Research Facility, NWO National Roadmap for Large-Scale Research Facilities (€9,843,000)
- 2013 * ERC Advanced Investigator grant 322698: Celiac disease: from lincRNAs to disease mechanism (Awarded €2,319,914)
- 2013 * EU KP7 grant: TANDEM 305279- Concurrent Tuberculosis and Diabetes Mellitus; unraveling the causal link, and improving care (Awarded to Prof. C. Wijmenga €395,000)
- 2011 * The Dutch Digestive Diseases Foundation (*MLDS*) grant 11-30: Genetic risk profiling in individuals at-risk for coeliac disease (Awarded €117,000)
- 2011 * Top Institute Food and Nutrition (GI001): validation of biomarkers for GI health (Awarded €4,500,000)
- 2010 * BBMRI-NL grant RP1: the Genome of the Netherlands (Awarded €2 million)
- 2010 * *BSIK* grant: Coeliac Disease Consortium 2 (€675,000 awarded to Prof. C. Wijmenga as co-PI for a period of 3 years)
- 2009 * National Institute of Health grant R21 DK84568-01: Characterizing the genetic architecture of childhood onset celiac disease using newly identified loci in a prospective cohort in the United States (Principal investigator Dr. E. Liu, Univ. Colorado, Aurora, USA; co-applicant Prof. C. Wijmenga. Awarded \$250,000)
- 2009 * RuG/UMCG/FWN grant to set up the ‘Genomics Coordination Centre’ together with the faculty of mathematics and natural sciences (FWN) (Principal investigators Prof. C. Wijmenga and Prof. R.C. Jansen. Awarded €2.3 million)
- 2008 * Netherlands Organisation for Health Research and Development (*ZonMW*) AGIKO grant 92003533: The role of CARD9 variations in ulcerative colitis (Awarded 1 MD/PhD position/2 years)
- 2008 * Dutch Heart Foundation 2008B004: Searching for new candidate genes for intracranial aneurysms using a genome wide association study (Principal investigator Dr. Y. Ruigrok, UMC Utrecht; co-applicant Prof. C. Wijmenga. Awarded €230,000)
- 2008 * Wellcome Trust grant WT084743MA: Extended genome-wide association study in coeliac disease (Principal investigator Dr. D. van Heel, Queen Mary University London, London, UK; co-applicant Prof. C. Wijmenga. Awarded £1.1 million)
- 2007 * EU KP7 grant 201379: COPACETIC - COPD Pathology: Addressing Critical gaps, Early Treatment and Innovative Concepts (Awarded to CW 1 PhD position/4 years)
- 2007 * UMCG innovation fund research grant: Implementatie van array CGH bij patiënten met mentale retardatie en/of multiple congenitale afwijkingen (awarded €105,000)
- 2007 * EU STREP KP6 grant 036383: influence of the dietary history in the prevention of coeliac disease: possibilities of induction of tolerance for gluten in genetic predisposed children. PreventCD consortium (Awarded to Prof. C. Wijmenga, 1 PhD position/4 years)
- 2006 * Dutch Diabetes Research Foundation (*DFN*) grant 2006.00.007: Combined genetic and genomic analysis in search for a diabetes susceptibility genes (Principal investigator Dr. T.W. van Haeften, UMC Utrecht; co-applicants Prof. M.H. Hofker, UMCG; Prof. C. Wijmenga, UMCG) (Awarded 1 PhD position/4 years)
- 2006 * UMC Utrecht stimulation grant for international collaborations: Molecular pathogenesis of coeliac disease (together with a Polish partner, Dr. B. Cukrowska) (awarded €39,000)
- 2005 * Netherlands Organization for Scientific Research (*NWO*) innovational research grant (VICI) 918.66.620: A genetic approach to common factors in inflammatory disorders, with a focus on the intestinal epithelial barrier (€1.25 million awarded)
- 2005 * *IOP* genomics grant IGE05012: The role of inflammation in obesity-induced type 2 diabetes: towards new diagnostic markers and therapeutic targets (Principal investigator Prof. M.H. Hofker, Maastricht University; co-applicants Prof. C. Wijmenga, Dr. Y. van der Schouw, UMC Utrecht, Prof. W. Buurman, Maastricht University) (€1 million awarded to Prof. C. Wijmenga for period of 4 years)
- 2005 * Grant from Coeliac UK: Genome-wide association studies in celiac disease (Principal investigator Dr. D. van Heel, Imperial College, London, UK; co-applicant Prof. C. Wijmenga. Awarded £300,000)
- 2005 * Dutch Brain Foundation, grant 13F05.13 (Awarded €25,000)
- 2004 * Grant from the Academic Biomedical Centre, Utrecht University, to establish SNP facility (Awarded €410,000, 1 research technician/5 years, plus purchase of Illumina Bead Station)
- 2004 * Janivo foundation grant ((Awarded €11,000)
- 2003 * *ZON-MW* program grant 40-00812-98-03106: Molecular regulation of copper excretion in the liver by Murr1 (Principal applicant Prof. C. Wijmenga. Co-applicant Dr. L. Klomp, UMC Utrecht.

- Awarded 1 PhD position/4 years, 1 postdoc/3 years)
- 2003 * *BSIK* grant 03009: Coeliac Disease Consortium (€2.3 million awarded to Prof. C. Wijmenga as co-PI for a period of 6 years)
- 2003 * The Dutch Digestive Diseases Foundation (*MLDS*) grant 03-06: Identification and characterization of the *CELIAC4* gene: a major non-HLA locus for celiac disease located on chromosome 19 (Awarded 1 postdoc/2 years)
- 2002 * *MLDS* grant 02-34: Dissection of copper excretion pathways in the liver: identification of new candidate genes for unknown copper-related liver disease (Principal applicant Prof. C. Wijmenga. Co-applicant Dr. L Klomp, UMC Utrecht. Awarded 1 PhD position/4 years)
- 2002 * *ZON-MW* program grant 912-02-028: Celiac disease: a functional genomics approach to define molecular pathways (Principal applicant Prof. C. Wijmenga. Co-applicant Dr. F. Koning, LUMC. Awarded 2 PhD positions/4 years, 1 postdoc/2 years)
- 2001 * International Copper Association (*ICA*) grant H-GL-01-08: Genetic mapping of the Indian Childhood Cirrhosis locus (Awarded 1 research technician/3 years)
- 2001 * Netherlands Organization for Scientific Research (*NWO*) grant 902-22-204: Plotting the initiation and disease progression in celiac disease (Awarded 1 PhD position/4 years)
- 2000 * The Dutch Digestive Diseases Foundation (*MLDS*) grant 00-13: Expression profiling in small intestinal biopsies of celiac disease patients (Awarded 1 postdoc/2 years)
- 2000 * Netherlands Organization for Scientific Research (*NWO*) grant 901-04-219: Analysis of biological pathways from sequence and expression data using computational tools (Awarded 1 PhD position/4 years)
- 1999 * Netherlands Organization for Scientific Research (*NWO*) grant 902-23-254: The role of the gene involved in non-Indian childhood cirrhosis (NICC) in mammalian copper metabolism (Awarded 1 PhD position/4 years)
- 1998 * International Copper Association (*ICA*) grant TPT0551-98: Identification of the gene involved in endemic Tyrolean infantile cirrhosis (ETIC) and idiopathic copper toxicosis (ICT) (Awarded \$270,000)
- 1997 * *DFN* grant 97.114: A total genome screen in Dutch Caucasian sibs with non-insulin dependent diabetes mellitus (Awarded 1 PhD position/4 years, 1 research technician/4 years)
- 1997 * The Dutch Digestive Diseases Foundation (*MLDS*) grant 97-44: The genetic determinants of celiac disease (Awarded 1 PhD position/4 years)

TEACHING INTERNATIONAL COURSES

- 2019 Annual Leena Peltonen School of Human Genomics, Les Diablerets, Switzerland
- 2012–2018 Annual Leena Peltonen School of Human Genomics, Cambridge, UK
- 2017 Guest lectures, University of Oslo (Norway)
- 2016 Guest lectures, King Abdulaziz University (Saudi Arabia)
- 2014 *Complex disease genetics*. European School of Medical Genetics, Bertinoro (Italy)
- 2013 Two-week course in *Complex genetics*. University of Sao Paulo (Brazil)
- 2009 *Risk map of intestinal inflammatory disorders*. Baltic Summer School: Genetic basis of medicine (University of Kiel, Germany)
- 2008 *The Role of DNA Polymorphisms in complex traits and diseases*. International conference of the Royal Dutch Academy of Arts and Sciences (Amsterdam, the Netherlands)
- 2008 *Multiple classes of genes leading to celiac disease*. Organised by the University Master of the Università Politecnica delle Marche (Ancona, Italy), the University of Maryland School of Medicine (Baltimore, USA) and the “Scuola Medica Salernitana” Foundation (Salerno, Italy)
- 2006 *The Role of DNA Polymorphisms in complex traits and diseases*. International colloquium of the Royal Dutch Academy of Arts and Sciences (*KNAW*, Amsterdam)
- 2005 *From genetic mapping to genomics*. Oporto, Portugal (1 week, with Prof. P. Heutink)
- 2003 *From genetic mapping to genomics*. Oporto, Portugal (1 week, with Prof. P. Heutink)
- 2002 *Human Genetic Disease Gene Mapping*. Oporto, Portugal (1 week, with P. Heutink and L.A. Sandkuijl†)
- 2001 *Human Genetic Disease Gene Mapping*. Oporto, Portugal (1 week, with P. Heutink)
- 1999 *Genetic Epidemiology*. Oporto, Portugal (1 week, with L.A. Sandkuijl†)

SCIENTIFIC COMMITTEES

2018–2019	Board member, ZonMW, the Netherlands Organisation for Health Research and Development
2018–present	Member, Scientific Advisory Committee of the Estonian Genome Centre
2017–2019	Chair, Selection committee for the vice-president of the Royal Dutch Academy of Art and Sciences (KNAW)
2017–2019	Member and vice-chair, ERC Advanced grant panel LS2D “Genetics, Genomics, Bioinformatics and Systems Biology”
2015–present	Member, International Genome Sample Resource scientific advisory board
2015–present	Member, Scientific Advisory Board Latvian Biomedical Research and Study Centre
2014–2017	Member, ‘new member’ selection committee of the KNAW
2014–2016	Member, ERC Consolidator grant panel LS2D “Genetics, Genomics, Bioinformatics and Systems Biology”
2014–2016	Member, Physiology and Medicine Section, Academia Europaea
2013, 2014	Member, selection committee for the Young Dutch Academy of Sciences (KNAW)
2014–2019	Program leader (with Prof. Rinse Weersma) of the 3GI program, research institute GUIDE
2012–2019	Member, scientific advisory committee of the Dutch ALS foundation
2013	Member, selection committee for the Gottfried Wilhelm Leibniz Prize 2013 (Germany)
2012–2015	Member, scientific advisory committee ‘Career Development Grant’ of the Dutch Digestive Disease Foundation (MLDS)
2011, 2012	Member, Netherlands Bioinformatics Centre (NBIC) Young Scientist Award committee
2012, 2013	Member, Netherlands Organization for Scientific Research (NWO) interdisciplinary VIDI committee
2009	Ad hoc member, Prinses Beatrix Fonds Award jury
2008	Member and vice-chair, NWO committee on TOP grants
2008	Member, review panel of the Helmholtz-Programme "Systemic Analysis of Multifactorial Diseases", Germany
2008–2012	Member, MLDS scientific advisory council
2007–2011	Member, NWO committee on large equipment
2007–2011	Member, ‘Cell Biology and Genetics’ committee, Flemish Foundation for Scientific Research (FWO), Belgium
2004–2009	Member, Research Institute for Diseases in the Elderly (RIDE) program committee
2003	Member, Fulbright selection committee ‘Hard Sciences’
2002–2008	Advisor to the NWO committee on ‘Nutrition and chronic diseases’
2001–2006	Board member, ABC Master’s course ‘Genomics and Bioinformatics’
2001–2006	Member, vice-chair and chair of the NWO VIDI committee
2001–2012	Member, Scientific Advisory Board of the Netherlands ‘Groeistichting’
2000–2003	Member, NWO committee on ‘Biomolecular informatics’

ORGANIZATION OF MEETINGS

- Member, Program committee of the FMWV’s Medical Scientific Day 2013 on ‘Next generation sequencing’
- Co-organizer, 13th International meeting on Human Genome Variation and Complex Genome Analysis (HGV2012) (Shanghai, China, 2012)
- Co-organizer, 2nd International Immunochip meeting (Montreal, Canada, 2011)
- Founder and organizer, first ‘Systems Genetics’ meeting (Groningen, the Netherlands, 2009, 2011)
- Member, Scientific Program Committee for the ‘European Human Genetics Conference’ (2007-11)
- Member, Scientific Organizing Committee for the ‘XIII International Celiac Disease Symposium 2009’ (Amsterdam, the Netherlands)
- Co-organizer of a monthly UMCG lecture series ‘Molecular Medicine’ (since March 2007)
- Co-organizer, Royal Academy of Arts and Sciences (KNAW) Special Colloquium ‘The Role of DNA Polymorphisms in Complex Traits and Diseases’ (Amsterdam, the Netherlands, 2006, 2008, 2011)
- Co-organizer, SNP-NL meetings
- Member, Scientific Organizing Committee for the ‘4th International Meeting on Copper Homeostasis and Its Disorders: Molecular and Cellular Aspects’ (Ischia, Italy, 2004)
- Organiser and president, Medical Scientific Day 2001 of the FMWV on ‘Genomics and Bioinformatics’ (Amsterdam, the Netherlands)

- Organizer of a monthly lecture series ‘Utrecht Genetics Seminar’ (1996-2006)

OTHER POSITIONS HELD

- Associate editor *PLOS Genetics* (2018–2019)
- Participant at the Evening of Science and Society (Ridderzaal, the Hague, 2013, 2015, 2019, 2021)
- Invited to participate in the Royal Palace symposium on “The Secrets of Life” (Amsterdam, 2013)
- Editorial board member, *Human Genome Variation* (since 2014)
- Board Member, University College Groningen (2014–2017)
- Reviewer for ‘Honours Reviews’, University of Groningen
- Member, evaluation committee of a professor of Medicine at Harvard Medical School (USA)
- Member, selection committee for a full professor in Human Genetics of the Medical Faculty of the Carl von Ossietzky University Oldenburg (European Medical School Oldenburg-Groningen) (Germany)
- Project leader for Nutrition and Health in the Top Institute for Food and Nutrition (TIFN), appointed January 2011
- Leader of the Genome of the Netherlands project (GoNL)
- Finalist and 2nd prize winner, Academic Year Prize 2010, Gene Decoders team (*Academische Jaarprijs, Genenkrakers*)
- Member, committee of recommendation of the Femke Foundation (since 2009)
- Co-founder Genomics Coordination Center Groningen
- Member, Genome of the Netherlands Consortium
- Member, Lifelines Cohort Study
- Member, T1DGC (Type 1 Diabetes Genetics Consortium) antibody group
- Member, DIAGRAM (Diabetes Genetics Replication And Meta-analysis Consortium)
- Member, IBDGC (NIDDK Inflammatory Bowel Disease Genetics Consortium)
- Reviewer for ERC starting grant proposals
- Reviewer for Wellcome Trust Research Fellowships
- Reviewer for the Medical Research Council (MRC) Research grant applications, UK
- Reviewer FiDiPro application for the Academy of Finland
- Reviewer of applications to the Science and Technology Policy Council, Iceland
- Editorial board member, *Gastroenterology and Hepatology From Bed to Bench* (since June 2010)
- Editorial board member, *Clinical Genetics* (since September 2009)
- Editorial board member, *Journal of Applied Genetics* (since March 2006)
- Editorial board member, *HealthDirect Diabetes* (June 2006–January 2008)
- Interim secretary *VVD* (a Dutch political party), district group Vleuten-de Meern (Mar 2000–Jan 2001)
- Member of Dept. of Medical Genetics UMC Utrecht Management Team (January 1999–April 2000 and May 2004–January 2007)
- Member, ‘Foundation for Integrated Welfare, Vleuten-de Meern’ (Oct 1998–Sept 2001)
- Member of many PhD thesis assessment committees, both national and international
- Member of working group on the ‘Organization and Integration of the Clinical Genetic Center Utrecht with the University Hospital/Wilhelmina Children’s Hospital’ (March–Dec 1998)
- Abstract reviewer for the Digestive Disease Week (DDW), American Society of Human Genetics and United European Gastroenterology Week (UEGW)
- Reviewer for international journals (*American Journal of Human Genetics, Biochimica et Biophysica Acta, BMC Bioinformatics, BMC Medical Genetics, Clinical Chemistry, Clinical Genetics, Diabetes, Diabetologia, European Journal of Human Genetics, Gastroenterology, Gene, Gut, Human Immunology, Human Molecular Genetics, Human Genetics, Journal of Medical Genetics, the Lancet, Liver International, Nature, Nature Genetics, Nature Reviews Genetics, Nederlands Tijdschrift voor Geneeskunde, Neurology, Neuromuscular Disorders, New England Journal of Medicine, Nucleic Acids Research, Placenta, PlosOne, PLoS Genetics, PLoS Medicine, Proc Natl Acad Sci USA, Science Translational Medicine, Tissue Antigens, Trends in Genetics, Trends in Immunology*)
- Reviewer of national and international grant proposals (e.g. Dutch Diabetes Research Foundation (DFN), Dutch Heart Foundation (NHS), Dutch MS Research Foundation, European Research Council starting grants (ERC), IOP Genomics, Medical Research Council (MRC) UK, Muscular Dystrophy Group UK, NWO, Prinses Beatrix Fund (PBF), Research Grants Council Hong Kong, Reumafonds, The Wellcome Trust (UK), ZON-MW)

PRIOR MEMBERSHIPS (through 2019)

- United European Gastroenterology
- American Gastroenterology Association
- American Association for the Advancement of Science
- American Society of Human Genetics
- Dutch Society of Human Genetics
- European Society of Human Genetics
- Human Genome Organization
- Society for Mucosal Immunology

PATENTS

(WO/2008/110206) Method for determining an HLA-DQ haplotype in a subject (PCT/EP2007/052343)

(WO/2003/033734) Diagnostic tests for the diagnosis of copper storage disease (PCT/GB2002/004687)

SUPERVISOR (*PROMOTOR*) of 55 PhD students

9 have graduated *cum laude*; *indicates medical doctors (MD); # indicates those who have become a professor (7). Their research funding is given in brackets, where applicable.

Planned

Adriaan de Graaf

Completed

1. Niek de Klein, September 13, 2021: Genetic regulation of gene expression in brain and blood
2. Annique Claringbould, December 2, 2020: Core gene identification using gene expression
3. Maria Zorro Manrique, April 22, 2020: Celiac disease: from genetic variation to molecular culprits
4. * Suzanne van Sommeren, November 25, 2019: Genetic susceptibility for inflammatory bowel disease across ethnicities and diseases
5. Kieu Thi Thien Le, October 16, 2019: Functional genomics approach to understanding sepsis heterogeneity
6. Raúl Aguirre-Gambo, October 14, 2019: Integrative omics to understand human immune variation (Conacyte fellowship)
7. Isis Ricaño Ponce, June 3, 2019: Towards finding and understanding the missing heritability of immune-mediated diseases (MPDI fellowship)
8. * Floris Imhann, May 15, 2019: The gut microbiome in intestinal diseases. Graduated *cum laude*
9. Patrick Deelen, May 6, 2019: Multi-omics strategies for detecting gene-environment interactions
10. Vicky Matzaraki, March 6, 2019: A systems genomics approach to identify risk loci and pathways to Candida infection (MPDI fellowship)
11. * Marijn Visschendijk, September 5, 2018: Inflammatory Bowel Disease: New genes, rare variants & moving towards clinical practice
12. Alex Kanterakis, July 11, 2018: Integration techniques for modern bioinformatics workflows (BBMRI-NL)
13. Juha Karjalainen, January 15, 2018: Gene expression studies. From basic research to the clinic
14. Marc Jan Bonder, March 22, 2017: The interplay between genetics, the microbiome, DNA-methylation & gene expression. Graduated *cum laude*
15. Ettje Tigchelaar-Feenstra, December 14, 2016: From bugs to buttermilk: Epidemiological and molecular aspects of gut health (TiFN grant)
16. Daria Zhernakova, September 12, 2016: Multi-omics approaches for better understanding of the downstream effects of genetic risk factors
17. Serena Sanna, May 9, 2016: Enhancing genetic discoveries with population-specific reference panels
18. * Javier Gutierrez-Achury, MD, December 2, 2015: HLA and other tales: The different perspectives of Celiac Disease (graduate school GSMS/ERC)
19. Barbara Hrdličková, May 11, 2015: Finding the missing 'LiNCs' in celiac disease (NWO VICI grant)
20. Rodrigo Almeida, March 25, 2015: Beyond genome wide association studies in celiac disease by exploring the non-coding genome (fellowship CAPES Foundation, an agency in the Ministry of Education, Brazil)
21. Michael Erdos, March 18, 2015: Genetic etiology of type 2 diabetes

22. * Guido Dolmans, MD, November 24, 2014: Genetic origin of Dupuytren's disease and associated fibromatosis
23. Harm-Jan Westra, September 17, 2014: Interpreting disease genetics using functional genomics. Graduated *cum laude*
24. * Karin Fransen, MD, June 16, 2014: Inflammatory bowel disease: the genetic background and beyond
25. * Rian Nijmeijer, MD, April 10, 2014: Genetic aspects of acute pancreatitis
26. * Naishi Li, MD, December 11, 2013: Novel mechanisms for prevention and treatment of type 2 Diabetes
27. Joanna Smolonska, October 9, 2013: The many faces of chronic obstructive pulmonary disease (EU grant)
28. * # Ezra Burstein, MD, May 23, 2013: COMMD1: a modulator of immunity and NFkB activity
29. Marcel Wolffs, October 31, 2012: Transcriptome analysis to investigate the link between obesity and its metabolic complications: type 2 diabetes and NASH (DFN grant)
30. Agata Szperl, September 12, 2012: Mapping complex and monogenetic disorders: methods and applications (NWO VICI grant)
31. * Maciej Geremek, MD, June 13, 2012: The classical genetic and genomic approach to the pathogenesis of primary ciliary dyskinesia (grant between UMC Utrecht and Polish Academy of Sciences)
32. Gosia Trynka, December 14, 2011: Unlocking the genetics of coeliac disease (NWO VICI grant) Graduated *cum laude*
33. Jihane Romanos, December 12, 2011: Genetics of celiac disease and its diagnostic values (EU grant)
34. * Albertien van Eerde, June 8, 2011: Genetics of congenital anomalies of the kidney and urinary tract.
35. * Eleanora Festen, April 6, 2011: Shared genetic background of inflammatory diseases of the bowel (NWO-AGIKO grant). Graduated *cum laude*
36. Willianne Vonk, 17 March 2011: Understanding COMMD1 function: Novel perspectives from in vitro and in vivo studies (NWO-TOP grant).
37. Florianne Bauer, December 16, 2010: Genes and diet in obesity related type 2 diabetes (IOP genomics grant)
38. * # Ramnik Xavier (Harvard Medical School, Boston), October 11, 2010: Genes and pathways in Crohn's disease
39. Clara Elbers, October 6, 2010: On the origin of type 2 diabetes and obesity (IOP genomics grant)
40. Jana van Vliet-Ostapchouk, July 7, 2010: Revealing the genetic roots of obesity and type 2 diabetes (IOP genomics grant)
41. * # Alexandra Zhernakova MD, 3 December 2009. The autoimmune puzzle - shared and specific genetics of immune-related diseases (BSIK grant) Graduated *cum laude*
42. * Victorien Wolters MD, 3 November 2009. Diagnostics and genetics of coeliac disease
43. * # Erik Knauff MD, 22 April 2009. Premature ovarian failure from phenotype to genotype
44. # Lude Franke, 27 May 2008. Genome-wide approaches towards identification of susceptibility genes in complex disorders (BSIK grant). Graduated *cum laude*
45. Patricia Muller, 25 March 2008. Transcriptomics as a tool to dissect copper homeostasis and COMMD protein function (NWO TOP grant)
46. * # Rinse Weersma MD, 17 October 2007. Genetic susceptibility for inflammatory bowel disease
47. Prim de Bie, 4 October 2007. Novel insights in the molecular pathogenesis of human copper homeostasis disorders through studies of protein-protein interactions (NWO TOP grant)
48. Alienke Monsuur, 3 July 2007. Unraveling the molecular genetic aspects of intestinal inflammatory disorders (NWO TOP grant)
49. Martin Wapenaar, 28 November 2006. Genomics of coeliac disease - Molecular signatures of the pathogenesis (MLDS and BSIK grant)
50. * Ynte Ruigrok MD, 16 June 2006. From intracranial aneurysm to subarachnoid hemorrhage: unraveling the genetics (ZonMW AGIKO grant). Graduated *cum laude*
51. * Begona Diosdado MD, 21 March 2006. The puzzle of coeliac disease: pieces of the molecular pathogenesis (NWO research support grant)
52. Harm van Bakel, 8 November 2005. Genome-wide analyses of copper metabolism and its regulation across species (NWO research support grant)
53. Martine van Belzen, 16 December 2003. Coeliac disease: Investigation of the genetic factors underlying coeliac disease (MLDS grant)

Co-supervisor of:

54. Jonathan van Tilburg, 10 December 2002. The Breda study: Search for genetic factors in type 2 diabetes mellitus in a defined Dutch population (DFN grant)
55. # Bart van de Sluis, 19 November 2002. Identification of a copper toxicosis gene in Bedlington terriers (NWO research support grant). Graduated *cum laude*

Major grants and awards obtained by present* and previous# PhD students, trainees and members of Wijmenga's research group

- *Dr. Iris Jonkers: Rosalind Franklin Fellowship (2015); NWO VIDI (2017)
- #Dr. Serena Sanna: Guido Dorson Prize for excellence in research (2018)
- *Prof. Jingyuan Fu NWO VENI (2009), NWO VIDI (2014), NW|O Aspasia grant (2015), NWO VICI (2021), ERC consolidator grant (2021), Chinese Government Award for Outstanding Student Abroad (2006)
- *Prof. Alexandra (Sasha) Zhernakova: Girard de Miolet van Coehoorn prize for her PhD thesis (2010), NWO Rubicon fellowship (2010), Rosalind Franklin Fellowship (2012), ERC starting grant (2016), NWO VIDI (2017)
- #Dr. Yang Li: NWO VENI (2013), NWO Off-Road (2016), Hypatia Subsidy (2019), ERC starting (2020)
- *Dr. Vinod Kumar: Hypatia subsidy (2018)
- *# Prof. Lude Franke: NWO VENI (2009), ERC starting grant (2014), NWO VIDI (2014), appointed member of Young Academy of the Royal Academy of Arts and Sciences (2016), appointed senior investigator of the Oncode institute (2019), NWO VICI (2021)
- *Dr. Eleanora (Noortje) Festen: Mandema stipendium (2012), MLDS career development award (2014), NWO clinical fellowship (2021), invited to 64th Lindau Nobel Laureate Meeting (2014)
- #Dr. Barbara Hrdličková: 3-year grant from the William Harvey International Translational Research Academy, via the COFUND Marie Curie Actions (2016)
- #Dr. Marc Jan Bonder: Tekka Huizinga Prize for best University of Groningen thesis (2017), Nederlandse Vereniging voor Humane Genetica Prize (2018)
- #Dr. Harm Jan Westra: NWO Rubicon fellowship (2014)
- #Dr. Gosia Trynka: NWO Rubicon fellowship (2011), group leader at Sanger Institute, Wellcome Trust, UK
- #Prof. Rinse Weersma: ZonMW Clinical Fellowship (2009), NWO VIDI grant (2013), the Rising Star Award (2011) from the United European Gastroenterology Foundation
- #Dr. Ynte Ruigrok: NWO clinical fellowship (2014), Rudolf Magnus Young Talent Fellowship (2010); NWO VENI grant (2009), Netherlands Brain Foundation grant (2005), the 'Amsterdamse Neurologen-vereening' prize (2008) and Girard de Miolet van Coehoorn prize (2007) for her PhD thesis
- #Dr. Patricia Muller: NWO Rubicon fellowship (2009), Sir Henry Dale Fellowship, Wellcome Trust and Royal Society (UK) (2013), UK Biochemical Society's Early Career Award (2014)
- *Raul Aguirre Gamboa: Conacyte fellowship (2015), Chicago Fellows Program subsidy (2019)

INVITED LECTURES SINCE 1993**2021**

Puzzelen aan gezondheid en ziekte. Thúsakademy of the Academy of Franeker, televised by Omrop Fryslân, Franeker, Friesland.

2020

The long road to individual genomes. Symposium–100 Years Genetics in Groningen, Groningen, Netherlands

2019

Men, microbes and miniguts. 12th Leena Peltonen School of Human Genomics, Les Diablerets, Switzerland, *From the simple to the complex.* Lodewijk Sandkuijl symposium UMCG, Groningen, Netherlands.

Men, microbes and miniguts. Gordon Research Conference on Human Genetics and Genomics, Waterville Valley, New Hampshire, USA.

Unlocking the secrets of the unseen bacterial world inside us. Keynote lecture at the 405th anniversary

ceremony of the University of Groningen, Groningen, Netherlands.

We and our second genome: two key players in common complex diseases. European Society of Human Genetics 2019 award lecture. ESHG meeting, Gothenburg, Sweden.

The Lifelines cohort study and its translational potential towards healthy ageing. Tohoku Medical Megabank Association, Sendai, Japan.

The future lies in precision medicine. Benelux Precision Medicine Forum, Utrecht, Netherlands.

Men, microbes and miniguts. Health 2030 Genome Center assembly, Geneva, Switzerland.

Men, microbes and miniguts. Complex Genetics of Metabolic Disease Symposium, Amsterdam UMC, Amsterdam, the Netherlands.

The Lifelines cohort study: a resource for the NOCI program. 2nd Troppo Breve Organ-on-Chip symposium, Vlieland, Netherlands.

A 20 Year Research Career in Academia. Hugo trainee symposium, Human Genome Meeting, Seoul, Korea.

2018

Organs-on-a-chip: the future of cellular models for human genetics. Common Diseases Meeting, Oxford, United Kingdom.

We and our small friends: ins and outs of the gut microbiome. Max Gruber Lecture, Groningen, Netherlands.

We and our small friends: ins and outs of the gut microbiome. Genetics retreat – NVHG graduate meeting, Rolduc, Netherlands. (keynote speaker)

Towards a mucosal barrier-on-a-chip model to study celiac disease. International Organ on Chip Symposium, Eindhoven, the Netherlands (keynote speaker)

Mucosal-barrier-on-a-chip to model celiac disease. United European Gastroenterology Week 2018, Vienna, Austria (research prize lecture)

You and your microbes and the use of population biobanks to understand their intricate relationship. Immunogenomics 2018, Huntsville, Alabama, USA (keynote speaker)

From patients to populations, from humans to microbes. Silver Anniversary Symposium, National Human Genome Research Institute NIH, Bethesda, Maryland, USA

You and your microbes and the use of population biobanks to understand their intricate relationship. 9th International Yakult Symposium, Gent, Belgium (keynote speaker)

Population biobanks, the gut microbiome and organ-on-chip. Troppo Breve Organs-on-Chip symposium, Riederalp, Switzerland

2017

Population-based approach to human metagenomics. 4th National Microbiome Conference, Oslo, Norway (keynote speaker)

Population-based approach to human metagenomics. New Frontiers in Microbiome symposium, Nijmegen, the Netherlands

Ten years of celiac disease genetics. 17th International Coeliac Disease Symposium, New Delhi, India

Our second genome: a vital organ integrating host genome and host environment. Gordon Research Conference, Stowe, Vermont, USA

Of man and microbes: the role of gut bacteria in health and disease. 10th Leena Peltonen School of Human Genomics, Cambridge, UK

The gut microbiome: an important organ in health and disease. BIKE Summer school 2016, Groningen, the Netherlands

The Human Functional Genomics Project: towards understanding human immune function. Illumina User Group Symposium ESHG, Copenhagen

The Human Functional Genomics Project: from genetic variation to immune function. Nature Genetics conference on Genome Variation in Precision Medicine, Guangzhou, China

The Human Functional Genomics Project as a resource for multi-omics integration. UQ Center of Complex Trait Genomics, Brisbane, Australia

Our second genome in health and disease. European Congress of Clinical Microbiology and Infectious Diseases, Vienna, Austria

The link between our genome and the human immune response. Charles Bronfman Institute for Personalized Medicine, Mount Sinai, New York City, USA

Health-RI: our national research infrastructure for personalized health. Innovation for Health, Rotterdam, the Netherlands

What did 10 years of GWAS teach us about celiac disease? University of Oslo, Norway

Host immune function is orchestrated by genes and environment. University of Oslo, Norway
Our second genome: a vital organ integrating host genome and host environment. University of Oslo, Norway
The Human Functional Genomics Project: towards understanding human immune function. Immunogenomics of Disease: Accelerating to Patient Benefit, Sanger Institute, UK
The health research initiative in the Netherlands. LS2- Life Sciences Switzerland Annual Meeting 2017

2016

Health-RI: opportunities for population health. World Healthcare Forum, The Hague
Germ, genes, and host defense. NIH WALIS lecture, Bethesda, USA
The microbiome as a complex trait: towards dissecting host and environmental factors. Nature Genetics Genomics of Diseases conference 2016, Baltimore, USA
Of man and microbes: The role of gut bacteria in health and disease. 9th Leena Peltonen School of Human Genomics, Cambridge, UK
Biobanks: powerful tools to study health and disease. BIKE Summer school 2016, Groningen, the Netherlands
Exploring the invisible universe inside our gut in health and disease. Free From Food 2016, Amsterdam, the Netherlands
Using biobanks to better understand the impact of genetic variation in health and disease. ISCOMS Groningen, the Netherlands (keynote speaker)
Population biobanks: a crucial hub in clinical research. European Human Genetics Conference 2016, Barcelona, Spain
Combining population and clinical biobanks to translate genetic variation into immune function. 13th International Congress of Human Genetics (ICHG2016) Kyoto, Japan
Of bits and pieces: putting the DNA puzzle together. King Saud University - Girls University Campus, Riyadh, Saudi Arabia

2015

Of bits and pieces: putting the DNA puzzle together. Annual NUTRIM Symposium 2015, Maastricht, the Netherlands
Combining population and clinical biobanks to translate genetic variation into immune function. 25th Annual CSIBD Workshop, Boston, USA
What can genetics teach us about the function of the immune system and autoimmune diseases. Workshop on Genetic Control of Immune Cell Activation, Lofoten, Norway
The impact of genetic variation on the human immune system. 8th Leena Peltonen School of Human Genomics, Cambridge, UK
Shared genetics in celiac disease and other autoimmunity disorders. 16th International Coeliac Disease Symposium, Prague
Gut microbiome analysis in a population-based cohort. EMBL microbiome meeting, Heidelberg, Germany
Using genomics to inform genetic studies in autoimmunity. Seminar Istituto Nazionale di Genetica Molecolare "Romeo ed Enrica Invernizzi", Milan, Italy

2014

Use of populations biobanks in food-related research. Food Valley EXPO 2014, Papendal, the Netherlands
Unlocking the genetics of celiac disease as a model for autoimmune diseases. 7th Leena Peltonen School of Human Genomics, Cambridge, UK
The use of biobanking for studies of gut-related diseases. Turku Centre for Biotechnology, Turku, Finland
The long non-coding RNA landscape of autoimmune diseases. European Human Genetics Conference 2014, Milan, Italy
Functional genomics to unravel disease genetics. Belgian Medical Genomics Initiative (BeMGI) network's annual meeting, Liege, Belgium
The long non-coding RNA landscape of autoimmune diseases. Cytokine Interest Group Meeting, National Institutes of Health, USA

2013

The value of biobanks in medical research. Institut de Medicina Predictiva i Personalitzada del Càncer, Barcelona, Spain

Human Genetic Variation and Impact on Large Intergenic Non-coding RNA. Expression Center for the Study of Inflammatory Bowel Disease, 23rd Annual CSIBD Workshop, Boston, USA
A genomics approach to celiac disease. 2013-14 Seminar Series, Department of Genome Sciences at the University of Washington, Seattle, USA
The path to autoimmunity. 15th International Coeliac Disease Symposium, Chicago, USA
Unlocking the genetics of celiac disease as a model for autoimmune diseases. 6th Leena Peltonen School of Human Genomics, Cambridge, UK
Unlocking the genetics of celiac disease: an integrative genomics approach. Sanger Institute seminar series, Hinxton, UK
Mapping of immune-mediated/autoimmune disease genes. FEBS congress 2013, St. Petersburg, Russia
Genome of the Netherlands (GoNL): Whole-genome sequence characterization in 250 trios from the Netherlands. 12th International Symposium on Mutation in the Genome, Lake Louisa, Canada

2012

Genomics of autoimmunity. NCMLS symposium New Frontiers in Genomics in health and disease, Nijmegen, the Netherlands
An ultra sharp portrait of the Dutch population with application to disease genetics. Swedish Society of Human Genetics, Uppsala, Sweden
Ultra-sharp genetic group portrait of the Dutch. Symposium on Genomic Diversity of Chinese Populations, Shanghai, China.
Genetics of celiac disease: from disease-based to population-based studies. 13th International meeting on Human Genome Variation and Complex Genome Analysis (HGV2012), Shanghai, China
Immunochipping the celiac disease genome: novel insights into the disease mechanism. Nature Genetics symposium: Genomics of Common Diseases, Potomac (Bethesda), USA
Celiac disease: from genes to immunopathology. 5th Leena Peltonen School of Human Genomics, Cambridge, UK
From genes to immunopathology: celiac disease a prototype for complex inflammatory disorders. MPG seminar series Broad Institute, Boston, USA
Genome of the Netherlands: family-based whole genome sequencing of 250 Dutch trio families. 1000 Genomes Project meeting, Ann Arbor, USA
Genome of the Netherlands: family-based whole genome sequencing of 250 Dutch trio families. International Conference on Genomics in Europe (ICG Europe), Copenhagen, Denmark
The genetic architecture of celiac disease. Symposium on Individualised Medicine, Erlangen-Nürnberg, Germany
Genome of the Netherlands. BGI Webinar: Empower the Population Genetic Studies by NGS

2011

High Throughput Genetics: Past, Present and Future. 2011 Illumina Genetics Advisory Panel Meeting, Palm Beach, USA
Genome of the Netherlands. BGI workshop during the 12th International Congress of Human Genetics, Montreal, Canada
Role of environment and genetics for gut inflammation. 8th annual meeting European Nutrigenomics network NUGO, Wageningen
Unravelling the Dutch genome in health and disease. Turku Centre for Biotechnology, Turku, Finland
Genetics of celiac disease. 14th International Coeliac Disease Symposium in Oslo, Norway
Contrasting the genetic background of type 1 diabetes and celiac disease autoimmunity. T1DGC Autoantibody Workshop, Bethesda, USA
Unraveling the Dutch genome in health and disease. European Human Genetics Conference 2011 Amsterdam, the Netherlands
Genome of the Netherlands. Dutch Society of Human Genetics, Veldhoven, the Netherlands
Genetic sharing of immune-related phenotypes. Wilhelm Johannsen Symposium, Copenhagen, Denmark
Shared genetics in autoimmune disease. JIM Celiac disease meeting, Karolinska Institutet, Stockholm, Sweden

2010

Genome of the Netherlands. Connecting Biobanks meeting, Amsterdam, the Netherlands
Common molecular backgrounds of celiac disease and diabetes. United European Gastroenterology

Federation 2010 meeting, Barcelona, Spain.

Genetic studies in multifactorial diseases: approaches and applications in celiac disease and IBD. University of Milan, Monza, Italy

The genetic risk in celiac disease: who is the target for prevention. European Laboratory for the Investigation of Food-Induced Diseases (ELFID) meeting, Naples, Italy

Genome-wide studies: from disease cohorts to population cohorts. Celiac disease as an example. GeneForum 2010, Tartu, Estonia

Genome-wide studies: from disease cohorts to population cohorts. Celiac disease as an example. Illumina User Group Symposium, ESHG 2010, Gothenburg, Germany

Evolution of celiac disease genes. Symposium on “Evolutionary Medicine”, Netherlands Royal Academy of Arts and Sciences (KNAW)

Complex genetics of celiac disease. Indian Congress of Human Genetics 2010, Lucknow, India

De X of het ei? Lecture for Studium Generale series 'Man-Vrouw', Groningen, the Netherlands

2009

SNPs and CNVs in celiac disease: New loci and a new gene-network assisted CNV analysis. 59th Annual Meeting of the American Society of Human Genetics, Honolulu, USA

First results of COPACETIC. European Respiratory Society (ERS) annual congress, Vienna, Austria

Risk map of intestinal inflammatory disorders. Baltic Summer School, Kiel, Germany

Unravelling the genetic puzzle of coeliac disease and its overlap with other intestinal inflammatory disorders. 14th International Congress of Mucosal Immunology, Boston, USA.

Shared genetics explains comorbidity in immune-related diseases. Dutch Society of Human Genetics, Eindhoven, the Netherlands

The common molecular basis of immune-related diseases. Massachusetts General Hospital/Harvard Medical School, Boston, USA

The common molecular basis of immune-related diseases. The Brigham and Women's Hospital, Boston, USA

2008

SNP association studies. 4th ESHRE Campus on Molecular Reproductive Medicine, Thessaloniki, Greece

The common molecular basis of immune-related diseases. The International Coeliac Disease Meeting of the Italian Association of Coeliac Disease (AIC), Genova, Italy

Genome-wide association scans: hope or hype? The Netherlands Epidemiological Society, Groningen

Genome-wide association studies: relevance for the transplantation field? Dutch Transplantation Society, Utrecht, the Netherlands

Genome-wide association studies provide new insight into celiac disease pathogenesis. Seminar Biomedicum Helsinki Institute for Medical research and Training, Helsinki, Finland

2007

Unraveling the genetics of celiac disease: a genomics approach. Seminar for UCLA Human Genetics Speakers Series, Los Angeles, USA.

SNP association studies. 3rd ESHRE Campus on Molecular Reproductive Medicine, Utrecht, the Netherlands

The genetics of celiac disease. FASEB summer conference on the GI tract, Snowmass village, Colorado, USA

Understanding the molecular basis of celiac disease: what genetic studies reveal. CBG symposium Amsterdam, the Netherlands.

2006

Genetic findings in celiac disease: new insights into disease pathology. XII International Coeliac Disease symposium, New York, USA

The many faces of COMMD1. 5th International meeting on Copper Homeostasis and its Disorders, Sardinia, Italy

Genes of the extracellular matrix contribute to intracranial aneurysm. 56th Annual Meeting of the American Society of Human Genetics, New Orleans, USA

Coeliac disease genetics. European Human Genetics Conference 2006, Amsterdam, the Netherlands

Multiple classes of genes leading to celiac disease. Digestive disease week 2006, American Gastroenterology Society, Los Angeles, USA

A genetic approach to celiac disease: a focus on the intestinal barrier. Experimental Biology annual meeting, San Francisco, USA

2005

"Coelionomics" Towards understanding the molecular pathology of celiac disease. 53th Congress of the Egyptian Society of Clinical Chemistry, Cairo, Egypt

Genetic association of celiac disease to myosin IXB points to an intestinal barrier defect as an early pathogenic event. 55th Annual Meeting of the American Society of Human Genetics, Salt Lake City, USA

The molecular basis of autoimmunity: using celiac disease as a model to unravel common pathogenic pathways using a functional genomics approach. European Human Genetics Conference 2005, Prague, Czech Republic.

The molecular basis of autoimmunity: using celiac disease as a model to unravel common pathogenic pathways. The Children's Memorial Health Institute, Warsaw, Poland

Molecular mechanisms regulating intracellular copper. Copper mini-symposium, Free University Berlin, Germany

2004

COMMD1/Murr1: more than a copper regulatory protein? TIWICH meeting, Vina Del Mar, Chile

From homeostasis to disease: dissecting the molecular mechanisms regulating intracellular copper. 4th International meeting on Copper Homeostasis and its Disorders, Ischia, Italy

A functional-genetics approach to unravel molecular pathways in celiac disease. Biology Prospective Conference 2004, Santorini, Greece

The many faces of COMMD1, the canine copper toxicosis gene. 2nd International conference Advances in canine and feline genomics, Utrecht, the Netherlands

COMMD1/Murr1: simply a new copper transporter protein? Biometals 2004, Garmisch-Partenkirchen, Germany

Coelionomics: Tracking host-nutrition interactions in celiac disease. Visiting Professor program University of Michigan, USA

The hunt for CD genes. UMC Utrecht, Coeliac Disease Consortium: CDC start symposium, Utrecht, the Netherlands

Op zoek naar coeliakie genen: een speurtocht door het genoom. Symposium 'Artsen voor Kinderen'. Coeliakie bij kinderen: wat is nieuw? LUMC, Leiden, the Netherlands

A functional genetics approach to unravel molecular pathways in coeliac disease. 11th International Symposium on Coeliac Disease, Belfast, Northern Ireland

Major genes involved in coeliac disease: where are we and when are we going to get there? 11th International Symposium on Coeliac Disease, Belfast, Northern Ireland

A functional genetics approach to unravel molecular pathways in coeliac disease. Open Meeting on the Genetics of Autoimmunity, Royal Society of Medicine & the Physiological Society, London, UK (by invitation only)

A functional genetics approach to unravel molecular pathways in coeliac disease. Novartis Foundation Symposium on the Genetics of Autoimmunity, London, UK (by invitation only)

The hunt for celiac disease genes: a genomics approach. Seminar International Institute of Molecular and Cell Biology, Warsaw, Poland

2003

Integrating genetics with genomics as a tool to unravel molecular pathways in celiac disease. Dageraad Symposium on Mucosal Inflammation, the Netherlands

Molecular regulation of copper excretion in the liver. Nutrition Society's Summer Meeting on Individual Variability in the Nutritional Response, King's College, London, UK

2002

Mutant Murr 1 and its role in copper toxicosis. 3rd International Meeting on Copper Homeostasis and Its Disorders, Ischia, Italy

Identification of a new copper metabolism gene by positional cloning in a purebred dog population. 7th European Copper Research group Meeting, London, UK

The pathway of copper transport: a dog's view. Dept. Medical Genetics, University of Innsbruck, Austria

Finding genes for complex disease: A study of type II diabetes in Dutch patients. Dept. Medical Genetics, University of Edmonton, Alberta, Canada

The pathway of copper transport: a dog's view. Dept. Medical Genetics, University of Edmonton, Alberta,

Canada

Celiac disease research in the Netherlands. National Institute of Diabetes, Digestive and Kidney Diseases, NIH, USA

2001

Towards identifying the ICT gene. Meeting of the International Copper Association, Santa Fe, USA

2000

Localization of susceptibility genes for celiac disease. Conference on Nijmegen Breakage Syndrome and other genetic disease, Warsaw, Poland

Genetics of idiopathic copper toxicosis. Meeting of the International Copper Association, Montreal, Canada

Hypomethylation as a possible cause of chromosome instability in ICF syndrome. European Society of Human Genetics, Amsterdam, the Netherlands

1999

NICC in man and CT in terriers: Is there a common gene? 2nd International Meeting on Copper Homeostasis and Its Disorders, Ravello, Italy

1996

Genetic analysis gets more complex. Symposium 'Accelerating gene discovery and mutation detection', Antwerp, Belgium

1994

The FSHD linked locus on 4q35 has a homologue on 10qter. FSHD symposium, 8th International Congress on Neuromuscular Disorders, Kyoto, Japan

1993

Towards mapping disease genes using microsatellite markers. International PKD2 workshop, Leiden

Construction of a PFGE map and YAC contig of the FSHD region on 4q35. 3rd chromosome 4 meeting, San Francisco, USA

FSHD associated rearrangements are due to deletions of integral copies of a 3.2 kb tandemly repeated unit. 6th international workshop on FSHD, San Francisco, USA

1992

Chromosome 4q DNA rearrangements associated with facioscapulohumeral muscular dystrophy. 42th American Society of Human Genetics, San Francisco, USA

Facioscapulohumeral muscular dystrophy. Belgian/Dutch Neurology society, Leuven, Belgium

Chromosome 4q DNA rearrangements associated with facioscapulohumeral muscular dystrophy. 5th international workshop on FSHD, Leiden, the Netherlands

High-resolution genetic linkage map of the FSHD region on 4q35. 2nd chromosome 4 meeting, Leiden

1991

Narrowing down the FSHD gene on 4q35. 4th international workshop on FSHD, Washington DC, USA

Genetic linkage map of 4q35. 1st chromosome 4 meeting, Philadelphia, USA

Refined mapping of the FSHD locus to the telomere of the long arm of chromosome 4. 3rd international workshop on FSHD, Leiden, the Netherlands

1990

Location of facioscapulohumeral muscular dystrophy gene on chromosome 4. 2nd international workshop on FSHD, 7th International Congress on Neuromuscular Disorders, Munich, Germany

INTERNATIONAL WORK VISITS

2016–2018

Prof. Ludvig Sollid and Dr. Knut Lundin, Oslo, Norway, 3 2-week visits each year

2009–2017

Dr. Rannik Xavier, MGH/Harvard Medical School, Boston, USA 2 x 3-week visits each year (awarded an NGI Distinguished Visiting Scientist Stipend for 2009–2012)

Sept 2001–Mar 2002

Dr. Jeffrey Trent, NHGRI, National Institute of Health, Bethesda, USA (awarded a Fulbright scholarship, a KNAW Ter Meulen Fonds grant, an NWO travel grant)

- and an MLDS travel grant)
 Jan 1994–Oct 1995 Postdoctoral fellow (Fogarty Visiting Fellowship Award) working under Dr. FS Collins, National Human Genome Research Institute, NIH, Bethesda, USA
 April 1990–June 1990 Dr. James Weber, Marshfield Medical Research Foundation, Wisconsin, USA

INTERNATIONAL LAB VISITS

- 2017 Prof. Naomi Wray and Prof. Peter Visscher, University of Queensland, Brisbane, Australia
 2013 Dr. Debbie Nickerson, University of Washington, Seattle, USA
 Dr. Nancy Cox, Dr. Barbara Stranger, University of Chicago, USA
 2010 Dr. H. Hakonarson, University of Pennsylvania, Philadelphia, USA
 Dr. M. Hayden, University of British Columbia, Vancouver, Canada
 Dr. M. Rewers, University of Colorado, Denver, USA
 2009 Dr. P. de Bakker, The Brigham and Woman's Hospital, Boston, USA
 2008 Dr. M. Daly, Dr. R. Xavier, MGH/Harvard Medical School, Boston, USA
 2007 Dr. J. Luskis, UCLA, Los Angeles, USA
 2006 Dr. L. Greco/Dr. MV Barrone, Univ. Of Naples, Italy
 Dr. D. van Heel, The Barts and London, London, UK
 2005 Dr. B. Cukrowska, Memorial Children Hospital Warsaw, Poland
 Dr. D. van Heel/Dr. R. Playford, Imperial College, London, UK
 2004 Dr. J. Rioux, Broad Institute/MIT, Boston, USA
 Dr. P. Liu, NHGRI, NIH, Bethesda, USA
 Dr. C. Duckett, Univ. Michigan, Ann Arbor, USA
 Dr. M. Araya, INTA, Univ. Chile, Santiago, Chile
 Dr. M. Witt, International institute of Molecular and Cell Biology, Warsaw, Poland
 2002 Dr. A. Janecke/Dr. Th. Müller, University of Innsbruck, Austria
 Prof. D.W. Cox, Dept. Medical Genetics, Univ. Alberta, Edmonton, Canada
 2000 Dr. K. Barnes, Johns Hopkins University, Baltimore, MD, USA
 Dr. J. Trent, National Human Genome Research Institute, NIH, Bethesda, MD, USA
 Dr. T. Woodage, Celera Genomics, Rockville, MD, USA
 1998 Dr. P. Asherson, Social, Genetic and Developmental Psychiatry Research Centre, King's College, London, UK
 1997 Dr. R. Nussbaum, Center for Inherited Disease Research, NIH, Baltimore, MD, USA
 Dr. P. Gejman, National Institute of Mental Health, NIH, Bethesda, MD, USA
 1996 Dr. N. Freimer, University of California, San Francisco, CA, USA
 Perkin Elmer Corporation, Palo Alto, USA
 1993 Dr. J. Hewitt, University of Manchester, UK
 1992 Dr. D. Housman, Massachusetts Institute of Technology, Boston, USA
 Dr. K. Fishbeck, University of Pennsylvania, Philadelphia, USA
 Dr. R. Nussbaum, University of Pennsylvania, Philadelphia, USA
 Dr. F.S. Collins, University of Michigan, Ann Arbor, USA
 Dr. K. Campbell, University of Iowa, Iowa City, USA
 Dr. J. Murray, University of Iowa, Iowa City, USA
 Dr. C.T. Caskey, Baylor College of Medicine, Houston, USA
 1990 Dr. D.W. Cox, Hospital for Sick Children, Toronto, Canada
 1989 Dr. Peter Harper, University of Wales College of Medicine, Cardiff, UK
 1989 Dr. Andrew Read, St Mary's Hospital, Manchester, UK

OUTREACH/PUBLIC COMMUNICATION OF SCIENCE (a selection)

Wijmenga is regularly asked to comment on current issues by national radio, TV and newspapers. She also gives frequent talks to the general public about DNA and is asked to discuss the use of biobanks and the potential for personalised health and medicine with politicians and policy makers at the Dutch Ministry of Health. She is also a member of an advisory group for the local government (Province of Groningen) on matters concerning personalised and customised health issues. As Rector Magnificus of the University of Groningen, Wijmenga frequently speaks about issues in higher education and the role of the University and writes columns for *Broerstraat 5*, the alumni magazine of the University of Groningen.

2021

- Profiled in a chapter of Marian Joels book *Baanbrekende Vrouwen* about women who broke new ground in their professions
- Authored article in the Times Higher Education [“We must use the pandemic to build a more sustainable research system”](#)
- Authored article on the Coimbra group website [“Women in Science: Why we must pay attention to equality and diversity”](#)
- [Video college about chronic illnesses and diseases of ageing](#) for Frisian television (Omrop Fryslân)
- [Profiled and interviewed for Lifelines](#)
- Interviewed in a piece about piloting rapid corona tests in higher education [NOS](#)

2020

- [Commentator in the Coimbra group webinar](#) “Recommendations for the future of mobility and internationalization in the European Knowledge Area”.
- #AskourRector a weekly vlog series for the academic community of the University of Groningen
- [Podcast in de Wetenschap](#) – Q&A with Cisca Wijmenga
- A series of personal columns about academia and research in Het Goede Leven

2019

- Medische publieksacademie UMCG [Onderzoek in coeliakie: hoe en wat?](#)
- Interview in [Intermediar](#)
- Interview and profile with [RTVNoord](#)
- Interview and profile in the [UK](#)
- Profile in [Innovation Origins](#)
- Keynote lecture, *Unlocking the secrets of the unseen bacterial world inside us*. University of Groningen 405th anniversary lustrum.
- Television interview on Groningen television (OOGtv) about the *Nature Genetics* article on causal relationships between gut microbiome, short-chain fatty acids and metabolic diseases

2018

- Video interview about the UEG research prize ([Link](#))
- Lecture to HOVO, the Dutch Senior Citizens Academy, on *Het wel en wee van onze darmflora*
- Radio interview with Dutch National Radio (NPO1) about the problem of ‘gluten free’ food that contain gluten ([Link](#))
- Radio interview about the existence of the ‘Feyenoord’ gene ([Link](#))
- Studium Generale lectures, Maastricht University - *The ins and outs of the gut microbiome* ([Link](#))
- Short documentary on her microbiome work for German television

2017

- Interview in scientific journal *Cell* on *Human Genetics: Questions, Challenges and the Future*, Cisca Wijmenga: *The Future lies in Biobanks* ([Link](#))
- Television interview on Dutch National News (NPO3) about the impact of her research and winning the Spinoza Award ([Link](#))
- Debate on “Big data versus privacy” ([Link](#))
- Article in *Chemisch2 Weekblad Life Sciences - Looking for the holy grail. Obesity, diabetes, IBS, autism or depression* ([Link](#))

2016

- Television interview on Dutch national news following publications in *Science* ([Link](#))

2015

- Participant at the Evening of Science and Society in the Ridderzaal, The Hague
- Listed as one of the 100 most influential women in the Netherlands by national magazine “Opzij”
- BNR radio interview on DNA tests and health ([Link](#))
- Interview in *Medisch Contact* journal for health professionals ([Link](#))
- Spinoza prize interview, published on YouTube, in Dutch with English subtitles ([Link](#))
- CBS news online ([Link](#))
- Studium Generale, University of Groningen, lecture on *DNA and the role of genetics* ([Link](#))
- Spinoza@night report ([Link](#))

2014

- Public lecture *Genetics: facts and fairy tales* (in Dutch), University of Groningen, 400th anniversary ([Link](#))
 - Participation in Night of Arts and Science, Groningen, KNAW Ontdekkerscafé ([Link](#))
- 2013
- UMCG Medical Academy lecture for the general public on Food allergies ([Link](#))
- 2012 and 2011
- Science Cafe at Noorderzon Festival promoting DNA research, Groningen ([Link](#))

ALL PUBLICATIONS

a. Peer-reviewed publications (691 articles, letters and reviews in ISI per November 2021)

691

Publications in
Web of Science

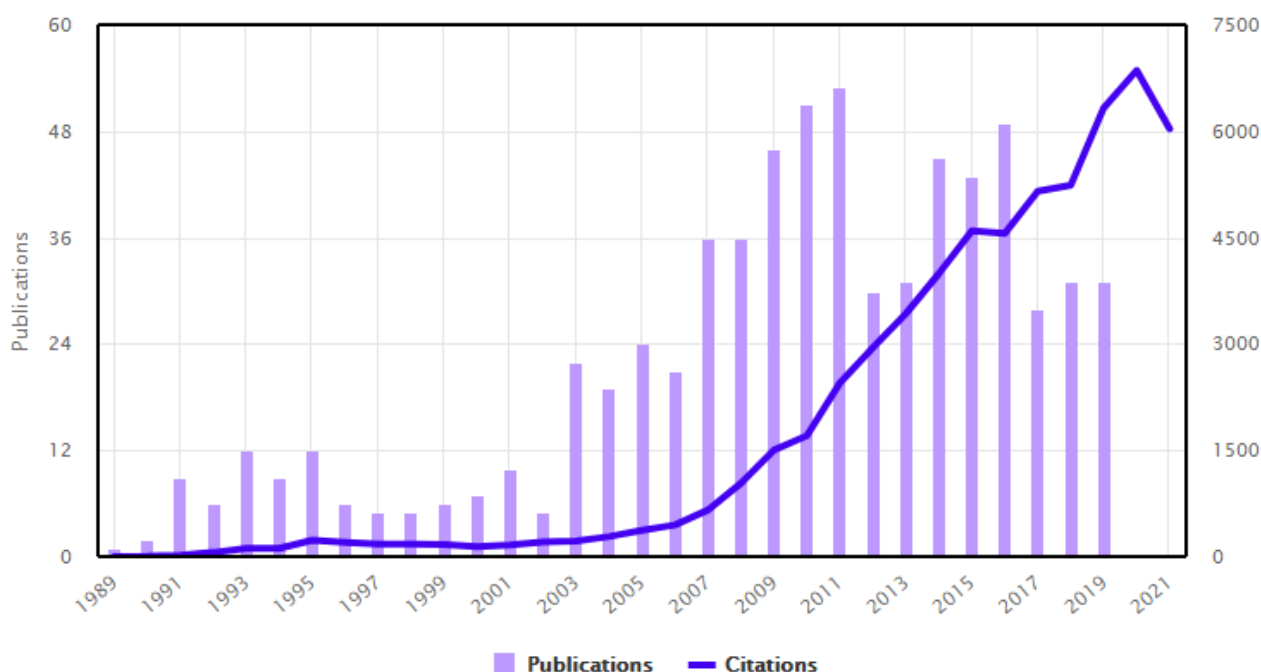
59,571

Sum of Times
Cited

116

H-Index

Times Cited and Publications Over Time



Google Scholar statistics per November 2021

Citation index	All	Since 2016
Citations	94846	55326
H index	149	111
i10 index	534	444

Cisca Wijmenga

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