

# CURRICULUM VITAE

## Personal details

Name: Jessica Christina Kieft-de Jong, RD, PhD  
Nationality: Dutch  
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## Work experience

11/2014 – Current Assistant Professor (UD1), Nutrition & Public Health, Leiden University College (0.8 fte), The Hague, The Netherlands  
11/2014 – Current Senior researcher (0.2 fte), Erasmus MC, Department of Epidemiology & Pediatrics, Rotterdam, The Netherlands  
01/2016 – 03/2016 Visiting researcher (1.0 fte), Department of Nutrition, Harvard School of Public Health, Boston USA  
08/2014 – 11/2014  
11/2012 – 11/2014 Postdoctoral scientist (1.0 fte), Erasmus MC, Department of Epidemiology, Rotterdam, The Netherlands  
01/2009 – 09/2012 PhD-fellow (1.0 fte), Erasmus MC, Department of Pediatrics, Rotterdam, The Netherlands.  
01/2007 – 01/2009 Clinical dietitian (0.3 fte), VU Medical Center, Department of Nutrition and Dietetics, Amsterdam, The Netherlands.  
11/2004 – 10/2005 Clinical dietitian (0.8 fte), Groene Hart Hospital, Department of Dietetics, Gouda, The Netherlands.

## Education and training

12/2017 Basic course on Regulations and Organisation for clinical investigators (BROK), Leiden University Medical Center/Erasmus MC, Leiden/Rotterdam, The Netherlands.  
09/2016 – 09/2017 Personal Leadership for Scientists Programme, Acquisition & Earning Power, Leiden University, Leiden, The Netherlands.  
01/2015 Basic University Teaching Qualification, Leiden University Graduate School of Teaching, Leiden, The Netherlands.  
01/2009 – 09/2012 PhD, Early life nutrition, Department of Pediatrics, Rotterdam, The Netherlands  
06/2013 NutriScience: Global Nutrition: from nutrients to whole diets. VLAG Graduate School, Wageningen University, The Netherlands  
01/2012 Masterclass 'From Problem to solution in public health', Netherlands Institute for Health Sciences, Rotterdam, The Netherlands.  
04/2012 Maternal and Child Health, Netherlands Institute of Health Sciences, Rotterdam. The Netherlands  
12/2010 Courses for the Quantitative Researcher, Netherlands Institute of Health Sciences, Rotterdam, The Netherlands.  
10/2010 Modern Statistical Methods, Netherlands Institute of Health Sciences, Rotterdam, The Netherlands.

09/2010	International course on Nutritional Epidemiology, Imperial College London, UK
08/2009	Genome Wide Association Studies, Netherlands Institute of Health Sciences, Rotterdam, The Netherlands
09/2005 – 08/2008	MSc, Nutrition and Health & Public Health Research, VU University, Amsterdam, The Netherlands
09/2000 – 08/2004	BSc, Nutrition & Dietetics, Amsterdam University of Applied Sciences

### Honors and grants

2018	Senior Den Dekker Fellowship, 'Teachable moments towards dietary behaviour change', (€ 412.087)
2018	The Hague Municipality, 'Psychosocial determinants of food insecurity' (Kiefte/Numans) (€ 97.207)
2017	The Hague Municipality, 'Food security and non-communicable diseases' (Numans/Kiefte) (€ 97.000)
2017	Nominated for the Gratama Research Prize, Leiden University.
2016	ICLON Flipped class room grant 'Introduction to Epidemiology and Global Public Health' (€ 12.000)
2015	Aspasia Fund, Research visit fellowship 'Harvard School of Public Health' (€ 6.700).
2015	Leids Universiteits Fonds: Den Dulk-Moermans Fonds 'Dietary patterns, nonalcoholic fatty liver disease and colorectal cancer' (€ 20.000)
2014	Nominated for Co-promotor of the year award, Erasmus MC.
2014	EFSD Albert Renold Travel Fellowship 'Dietary acid load and type 2 diabetes mellitus, Harvard School of Public Health, Boston USA' (€ 6.000).
2013	NutsOhra, 'Celiac disease: the tip of the iceberg' (€ 73.000)
2010	World Cancer Research Fund Fellowship 'International course on Nutritional Epidemiology, Imperial College London, UK' (€ 2.200,=)
2005	Novartis thesis price for nutrition and dietetics (€ 2.500,=)
2005	KNAW/NVVL thesis price for nutrition science (€ 500,=)

### Supervision of PhD- and Postdoctoral fellows

Name PhD/Postdoc	Competed/ongoing	Topic
Ilse Tromp	PhD-defence: 14-03-2017	Nutrition and diseases in childhood: A window of opportunity?
Ester de Jonge	PhD-defence: 22-12-2016	What to eat for healthy bones? Epidemiological studies on diet, bone health and frailty.
Myrte Tielemans	PhD-defence: 29-06-2016	Eating for two in pregnancy: health outcomes in pregnant women and their children
Taulant Muka,	PhD-defence: 13-05-2016	Women's health: implications of diet and cardiometabolic risk factors
Anna Vitezova,	PhD-defence: 30-09-2015	Vitamin D and cardiometabolic health in the elderly
Lisan Leermakers	PhD-defence: 13-05-2015.	Early life nutrition and cardiometabolic health across the life-course
Bledar Kraja	Postdoc, Finished: 2013	Dietary determinants of colorectal cancer
Sanne Beth	Ongoing since 2014	Early-life determinants of celiac disease
Sadaf Olliah Araghi	Ongoing since 2016	B-vitamin supplementation and age-related diseases: integrating experimental and observational evidence

Sheila de Koning-Backus,	Ongoing since 2016	Nutrition and macular degeneration
Laura van der Velde	Ongoing since 2017	Food insecurity and non-communicable diseases in disadvantaged families
Monica Barroso	Postdoc, ongoing since 2017	Interplay between diet, celiac disease and the gut microbiome

### International activities

- 01/2016 – 03/2016 Visiting researcher, Department of Nutrition, Harvard School of Public Health, Boston USA
- 11/2010 – Participation in several international consortia including *Consortium on Health and Ageing: Network of Cohorts in Europe and the United States (CHANCES)* and *Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE)*.
- 08/2014 – 11/2014 Visiting researcher, Department of Nutrition, Harvard School of Public Health, Boston USA
- 02/2014 Lecturer, University of Cambridge, School of Clinical Medicine, Cambridge, UK.
- 09/2010 'International course of Nutritional Epidemiology', Imperial College, London, UK.

### Institutional responsibilities

- 2017 – Member of the Ethics Committee, Leiden University College the Hague.
- 2014 – 2018 Convener, BSc Major Global Public Health, Leiden University College the Hague.
- 2014 – 2018 Member Academic Collaborative Centre for Public Health, a collaboration between the Leiden University Medical Centre, Leiden University, TNO, Regional Public Health Service Hollands Midden and the Regional Health Service in The Hague area ('GGD Haaglanden').

### Commissions of trust

- 2018 – Review Board member, Medical Research Council (MRC) in the UK as part of the Population and Systems Medicine Board.
- 2018 – Review Board member, Medical Research Council (MRC) in the UK as part of the MRC Newton Fund UK-Kenya Health Research Partnership Call.
- 2018 – Guest editor, *Nutrients* journal, Special issue on Nutrition & Musculoskeletal Health.
- 2018 – Appointed as member of Dutch Health Council advisory board on dietary recommendations for pregnant women and young children (Gezondheidsraad).
- 2018 Invited speaker 'Implementation in the Academic Work Place Public Health (AWPG)' Workshop on food insecurity and public health in The Hague, The Netherlands.
- 2018 Invited speaker 'LOVAH congress - It's all in the family – A life-course approach in age-related diseases, Utrecht, The Netherlands.
- 2017 Invited speaker 'Sustainable nutrition and healthy ageing: a holistic approach', International conference Food for Healthy ageing, Amsterdam, The Netherlands.
- 2017 – Associate editor, Public Health Nutrition Journal, Cambridge University Press.
- 2017 Review Board member, Wellcome Trust India Alliance; Health Research Board.
- 2017 Review Board member, NCHF Health Research Board.
- 2015 Scientific Advisory Board Multidisciplinary Research in the Caribbean, the Netherlands Organisation for Scientific Research (NWO).
- 2013 Invited speaker Dutch Food Congress 'Early-life determinants of childhood obesity'.
- 2012 Invited speaker congress for Lactation Professionals 'Complementary feeding: one size fits all?'
- 2012 – Ad-Hoc Reviewer: *BMJ*, *British Journal of Nutrition*, *Journal of Epidemiology & Community Health*, *PLoS ONE*, *Nutrients*, *Journal of Nutrition*, *BMC Endocrine disorders*, *European*

*Journal of Epidemiology, American Journal of Clinical Nutrition, Clinical Nutrition, American Journal of Epidemiology.*

## **Outreach**

- 07/2018 Science café Granen (Cereals), Hortus Botanicus Leiden
- <https://www.visitleiden.nl/nl/uitagenda/27-juli-science-cafe-granen-bij-hortus-botanicus-leiden>
- 05/2018 Pop-up lecture, 'Choosing Healthy Foods', Haagse Markt
- <https://www.youtube.com/embed/hdt9rfK4BOc>
- 2016 – Transvaal & Schilderswijk University (2x per year), Nutrition education and food experiments at Leiden University College for primary school children from disadvantaged neighbourhoods:
- <http://www.schilderswijkuniversity.nl/activiteiten/187-2017-luc>
  - <https://www.universiteitleiden.nl/en/news/2016/11/transvaal-university-visits-luc>
- 02/2018 TV Interview Family7 on health effects of red meat consumption
- *no online broadcast yet*
- 12/2017 NPO Radio 1 'Nieuws & Co', commenting on the environmental impact of national dietary guidelines:
- <https://www.jessicakieft.nl/69853-schijf-van-vijf-ook-goed-voor-milieu.mp3> (In Dutch)
- 12/2017 Science017, Sleutelstad FM (radio), commenting on the environmental impact of national dietary guidelines:
- <https://soundcloud.com/sleutelstad/2017-12-20-dr-jessica-kieft-over-een-nationale-voedingsrichtlijn> (In Dutch)
- 09/2015 Science Festival Rotterdam, Science Café, Ondervoeding.
- <http://www.rotterdamsciencefestival.nl/nl/lineup/32/ondervoeding-een-uitdaging-voor-in-de-toekomst>
- 09/2012 RTV Rijnmond Generation R:
- <https://www.rijnmond.nl/nieuws/92591/Generation-R>
- 09/2012 EditieNL on complementary feeding
- <https://www.gemistvoornmt.nl/aflevering/284739-editie-nl-baby-pangang-met-4-maanden-ernst-bobbie-en-de-rest-de-vliegende-dief>

## **Memberships of scientific societies**

- 2017 – Member, Nutrition Society, UK
- 2016 – Member, American Society of Nutrition, USA
- 2014 – SMBWO registration, Foundation for Biomedical Scientific Research Training.
- 2014 – Member, Dutch Academy for Nutrition Sciences, the Netherlands.

## **Teaching activities**

- 2014 – Nutrition and Public Health, Leiden University College, The Hague (Convener & instructor)
- 2014 – Introduction to Epidemiology and Global Public Health, Leiden University College, The Hague (Convener & instructor)
- 2014 – 2016 Maternal and Child Nutrition, Leiden University College, The Hague (Convener & instructor)
- 2014 – 2016 Primary and Secondary Prevention Strategies, LUC the Hague (Convener & instructor)
- 2012 – Health Promotion, Netherlands Institute of Health Sciences, Rotterdam, the Netherlands (guest lecture)

- 2012 – Maternal and Child Health, Netherlands Institute of Health Sciences, Rotterdam, the Netherlands (guest lecture)
- 2012 – Nutrition & Infectious Diseases, Netherlands Institute of Health Sciences, Rotterdam, the Netherlands (guest lecture)
- 2014 Public Health in Low and Middle Income Countries, Netherlands Institute of Health Sciences, Rotterdam, The Netherlands (convener & instructor).

## Publications

Full list of peer-reviewed publications: <https://www.ncbi.nlm.nih.gov/pubmed/?term=kiefte-de-jong>

H-index: 27 (Google Scholar), 20 (Web of Science)

Number of publications: 135

### Contribution statement authorships:

*Role as second, second last or last author:* (Co-)supervision role of 1st author.

*Role as first author:* conception, data analysis and writing and revising the article.

*Role as middle author:* involvement in data acquisition/analysis and revision of the article for important intellectual content (related to nutritional and/or epidemiological analysis).

### Selected publications

1. Barroso M, Beth SA, Voortman T, Jaddoe VWV, van Zelm MC, Moll HA, **Kiefte-de Jong JC**. Dietary Patterns After the Weaning and Lactation Period Associate with Celiac Disease Autoimmunity in Children. *Gastroenterology*. 2018 Feb 23. pii: S0016-5085(18)30228-2. doi: 10.1053/j.gastro.2018.02.024.
2. de Jonge EAL, Koromani F, Hofman A, Uitterlinden AG, Franco OH, Rivadeneira F, **Kiefte-de Jong JC**. Dietary acid load, trabecular bone integrity, and mineral density in an ageing population: the Rotterdam study. *Osteoporos Int*. 2017 Aug;28(8):2357-2365. doi: 10.1007/s00198-017-4037-9.
3. McKeown NM, Dashti HS, Ma J, Haslam DE, **Kiefte-de Jong JC**, Smith CE, Tanaka T, Graff M, Lemaitre RN, Rybin D, Sonestedt E, Frazier-Wood AC, Mook-Kanamori DO, Li Y, Wang CA, Leermakers ETM, Mikkilä V, Young KL, Mukamal KJ, Cupples LA, Schulz CA, Chen TA, Li-Gao R, Huang T, Oddy WH, Raitakari O, Rice K, Meigs JB, Ericson U, Steffen LM, Rosendaal FR, Hofman A, Kähönen M, Psaty BM, Brunkwall L, Uitterlinden AG, Viikari J, Siscovick DS, Seppälä I, North KE, Mozaffarian D, Dupuis J, Orho-Melander M, Rich SS, de Mutsert R, Qi L, Pennell CE, Franco OH, Lehtimäki T, Herman MA. Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. *Diabetologia*. 2018 Feb;61(2):317-330.
4. Behrens P, **Kiefte-de Jong JC**, Bosker T, Rodrigues JFD, de Koning A, Tukker A. Evaluating the environmental impacts of dietary recommendations. *Proc Natl Acad Sci USA*. 2017 Dec 19;114(51):13412-13417
5. Voortman T, **Kiefte-de Jong JC**, Ikram MA, Stricker BH, van Rooij FJA, Lahousse L, Tiemeier H, Brusselle GG, Franco OH, Schoufour JD. Adherence to the 2015 Dutch dietary guidelines and risk of non-communicable diseases and mortality in the Rotterdam Study. *Eur J Epidemiol*. 2017 Nov;32(11):993-1005.
6. Muka T, Blekkenhorst LC, Lewis JR, Prince RL, Eler NS, Hofman A, Franco OH, Rivadeneira F, **Kiefte-de Jong JC**. Dietary fat composition, total body fat and regional body fat distribution in two

Caucasian populations of middle-aged and older adult women. *Clin Nutr.* 2017 Oct;36(5):1411-1419.

7. **Kiefte-de Jong JC**, Li Y, Chen M, Curhan GC, Mattei J, Malik VS, Forman JP, Franco OH, Hu FB. Diet-dependent acid load and type 2 diabetes: pooled results from three prospective cohort studies. *Diabetologia.* 2017 Feb;60(2):270-279.
8. Mulder M, **Kiefte-de Jong JC**, Goessens WH, de Visser H, Hofman A, Stricker BH, Verbon A. Risk factors for resistance to ciprofloxacin in community-acquired urinary tract infections due to *Escherichia coli* in an elderly population. *J Antimicrob Chemother.* 2017 Jan;72(1):281-289.
9. Jankovic N, Geelen A, Winkels RM, Mwangura B, Fedirko V, Jenab M, Illner AK, Brenner H, Ordóñez-Mena JM, **Kiefte de Jong JC**, Franco OH, Orfanos P, Trichopoulou A, Boffetta P, Agudo A, Peeters PH, Tjønneland A, Hallmans G, Bueno-de-Mesquita HB, Park Y, Feskens EJ, de Groot LC, Kampman E; Consortium on Health and Ageing: Network of Cohorts in Europe and the United States (CHANCES). Adherence to the WCRF/AICR Dietary Recommendations for Cancer Prevention and Risk of Cancer in Elderly from Europe and the United States: A Meta-Analysis within the CHANCES Project. *Cancer Epidemiol Biomarkers Prev.* 2017 Jan;26(1):136-144.
10. Voortman T, Leermakers ET, Franco OH, Jaddoe VW, Moll HA, Hofman A, van den Hooven EH, **Kiefte-de Jong JC**. A priori and a posteriori dietary patterns at the age of 1 year and body composition at the age of 6 years: the Generation R Study. *Eur J Epidemiol.* 2016 Aug;31(8):775-83.
11. Tielemans MJ, Garcia AH, Peralta Santos A, Bramer WM, Luksa N, Luvizotto MJ, Moreira E, Topi G, de Jonge EA, Visser TL, Voortman T, Felix JF, Steegers EA, **Kiefte-de Jong JC**, Franco OH. Macronutrient composition and gestational weight gain: a systematic review. *Am J Clin Nutr.* 2016 Jan;103(1):83-99.
12. Leermakers ETM, Tielemans MJ, van den Broek M, Jaddoe VWV, Franco OH, **Kiefte-de Jong JC**. Maternal dietary patterns during pregnancy and offspring cardiometabolic health at age 6 years: The generation R study. *Clin Nutr.* 2017 Apr;36(2):477-484.
13. Viana Veloso GG, Franco OH, Ruiter R, de Keyser CE, Hofman A, Stricker BC, **Kiefte-de Jong JC**. Baseline dietary glutamic acid intake and the risk of colorectal cancer: The Rotterdam study. *Cancer.* 2016 Mar 15;122(6):899-907.
14. Vitezova A, Voortman T, Zillikens MC, Jansen PW, Hofman A, Uitterlinden AG, Franco OH, **Kiefte-de Jong JC**. Bidirectional associations between circulating vitamin D and cholesterol levels: The Rotterdam Study. *Maturitas.* 2015 Dec;82(4):411-7.
15. Kraja B, Muka T, Ruiter R, de Keyser CE, Hofman A, Franco OH, Stricker BH, **Kiefte-de Jong JC**. Dietary Fiber Intake Modifies the Positive Association between n-3 PUFA Intake and Colorectal Cancer Risk in a Caucasian Population. *J Nutr.* 2015 Aug;145(8):1709-16.
16. Pantavos A, Ruiter R, Feskens EF, de Keyser CE, Hofman A, Stricker BH, Franco OH, **Kiefte-de Jong JC**. Total dietary antioxidant capacity and breast cancer risk: the Rotterdam Study. *Int J Cancer.* 2015 May 1;136(9):2178-86.
17. **Kiefte-de Jong JC**, Mathers JC, Franco OH. Nutrition and healthy ageing: the key ingredients. *Proc Nutr Soc.* 2014 May;73(2):249-59.
18. Chowdhury R, Kunutsor S, Vitezova A, Oliver-Williams C, Chowdhury S, **Kiefte-de-Jong JC**, Khan H, Baena CP, Prabhakaran D, Hoshen MB, Feldman BS, Pan A, Johnson L, Crowe F, Hu FB,

Franco OH. Vitamin D and risk of cause specific death: systematic review and meta-analysis of observational cohort and randomised intervention studies. *BMJ*. 2014 Apr 1;348:g1903.

19. **Kiefte-de Jong JC**, Jaddoe VW, Uitterlinden AG, Steegers EA, Willemsen SP, Hofman A, Hooijkaas H, Moll HA. Levels of antibodies against tissue transglutaminase during pregnancy are associated with reduced fetal weight and birth weight. *Gastroenterology*. 2013 Apr;144(4):726-735.e2.
20. **Kiefte-de Jong JC**, Escher JC, Arends LR, Jaddoe VW, Hofman A, Raat H, Moll HA. *Am J Gastroenterol*. 2010 Apr;105(4):940-5. Infant nutritional factors and functional constipation in childhood: the Generation R study.

### Publications in national journals

1. **Kiefte-de Jong JC**. Voeding in het vroege leven en gastro-intestinale en allergische uitkomsten. *Ned Tijdschr Allergie en Astma*. 2013. 13(2): 81-83.
2. **Kiefte-de Jong JC**. 'Onbewuste' coeliakie van moeder beïnvloedt geboortegewicht baby. *Glutenvrij magazine*. 2013.

### Letter to the editors

1. Alferink LJM, **Kiefte-de Jong JC**, Darwish Murad S. Reply to: "Association between beverage consumption and liver fibrosis". *J Hepatol*. 2018 Jan 6. pii: S0168-8278(18)30005-9.
2. Alferink LJM, **Kiefte-de Jong JC**, Darwish Murad S. Reply to: "Herbal tea consumption and the liver - All is not what it seems!" *J Hepatol*. 2018 Mar;68(3):613-614.
3. Chowdhury R, Franco OH, Kunutsor S, Vitezova A, Oliver-Williams C, Chowdhury S, **Kiefte-de Jong JC**, Khan H, Baena CP, Prabhakaran D, Hoshen MB, Feldman BS, Pan A, Johnson L, Crowe F, Hu FB. Authors' reply to Grant and Garland and to Bolland and colleagues. *BMJ*. 2014 Apr 29;348:g2931.
4. **Kiefte-de Jong JC**, Chowdhury R, Franco OH. Fish intake or omega-3 fatty acids: greater than the sum of all parts? *Eur J Epidemiol*. 2012 Dec;27(12):891-4.

### Book chapters

1. Schoufour JD, Voortman T, Franco OH, **Kiefte-de Jong JC**. Dietary patterns and healthy ageing. In: Raats MM, de Groot LCPGM, van Asselt D (eds): *Food for the ageing population*. Woodhead publishing Series in Food Science, Technology and Nutrition. 2017, 2<sup>nd</sup> Ed, pp 223–254
2. Hogen Esch CE, **Kiefte-de Jong JC**, Hopman EGD, Koning F, Mearin ML. Strategies for the prevention of celiac disease. In: Fasano A, Troncone R, Branski D (eds): *Frontiers in Celiac Disease*. Pediatric and Adolescent Medicine. Basel, Karger, 2008, vol 12, pp 188–197.