Renée van Amerongen

biomedical scientist

research | teaching | writing | speaking

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Profile

Biomedical scientist with 20+ years of active, international research experience in academia at the intersection of developmental, stem cell and cancer biology. Skilled writer and public speaker. Comfortable on stage in front of a large audience. Passionate about WNT signaling and the mammary gland. Dedicated to teaching and mentoring the next generation of scientists. Keen to explore the intersection between art and science. Committed to communicating the beauty of biology to experts and non-experts alike.

Education

2005	PhD, University of Amsterdam, NL *(cum laude)*
1999	MSc, Vrije Universiteit Amsterdam, NL *(cum laude)*

Professional Appointments and Employment

2020 –	Group leader "Developmental, Stem Cell and Cancer Biology" (DSCCB) Swammerdam Institute for Life Sciences (SILS), University of Amsterdam, NL
2017 –	Associate professor (tenured since February 2017), Swammerdam Institute for Life Sciences, University of Amsterdam, NL
2013 – 2017	Assistant professor & MacGillavry fellow (tenure track), Swammerdam Institute for Life Sciences, University of Amsterdam, NL
2011 – 2013	Senior postdoctoral fellow, Netherlands Cancer Institute, NL
2008 – 2011	Postdoctoral fellow with Dr. Roel Nusse, Stanford University, USA
2005 – 2007	Postdoctoral fellow with Dr. Anton Berns, Netherlands Cancer Institute, NL
1999 – 2005	PhD thesis research with Dr. Anton Berns, Netherlands Cancer Institute, NL
1998 – 1999	Visiting scientist with Dr. Peter Laird, University of Southern California, USA

Honors and Awards

2021	*ius promovendi*
2021	Nominated for UvA teacher of the year (together with 487 other lecturers)
2018	Elected chair of the Gordon Research Conference on Mammary Gland Biology
2014	NWO VIDI laureate
2013	KWF Career development award
2013	MacGillavry fellowship award
2007	KWF postdoctoral fellowship award
2007	EMBO long-term fellowship award
2005	PhD awarded *cum laude*
2004	NKI representative at the "Avond van Maatschappij en Wetenschap" (KNAW)
1999	MSc awarded *cum laude*
1993	National champion & best speaker, Public Speaking Competition for Schools & international finalist in the International Public Speaking Competition (London, UK)

Additional Training and Qualifications

Leadership & Management:

2018 –	Personal coaching
2016 –	Peer consultancy ("intervisie")
2015	Career coaching for VIDI laureates (UVA, Centrum voor nascholing)
2012	EMBO laboratory management course for independent group leaders (4 days, Heidelberg, Germany)

Research:

2005	EMBO practical course on primary cell culture (2 weeks, Monterotondo, Italy)
2002	CSHL summer course 'Mouse behavioral analysis' (3 weeks, CSHL, USA)
2000	Course on Laboratory Animal Science (art. 9, Law on Animal Experiments)

Teaching:

2016	BKO certificate ("basiskwalificatie onderwijs", university teaching qualification)

Grants and Fellowships

Main applicant/PI:

2021 - 2025	'Dissecting the spatiotemporal dynamics of WNT/CTNNB1 signalling' (NWO-ENW-Klein1, €304,102, project OCENW.KLEIN.169)
2017 - 2022	'Dissecting the role of aberrant Wnt signaling in breast cancer' (KWF kankerbestrijding, €517,000, project 11082/2017-1)
2015 - 2019	'In vivo tracking of Wnt-responsive stem cells: better and brighter' (KWF kankerbestrijding/Alpe d'HuZes, €265,000, project UVA 2015-8014)
2015	Equipment grant (Nijbakker-Morra stichting, €4500)
2014 - 2021	'Stem cells out of control: When the niche COMEs calling' (VIDI grant, NWO ALW, €800,000, project 864.13.002)
2013	Aspasia (NWO ALW, €200,000, *declined*)
2013 - 2019	'Developmental signal transduction pathways as targets for cancer therapy: Wnt signaling in the mammary gland' (KWF kankerbestrijding, €525000, project ANW 2013-6057)
2013	MacGillavry fellowship (University of Amsterdam, €320,000)

Consortium grants:

2022 - 2026	NWO-ENW-XL ('From random state to robust fate', €1,999,653, co-applicant) main applicant: dr. Hendrik Marks (RU), consortium partners: RU, Hubrecht Institute, NKI, UvA

Collaborative grants/Co-PI:

2017	UVA Grassroots proposal to develop an online educational game for modeling intestinal stem cell division (€1000, co-PI with Gooitzen Zwanenburg)

Additional Fundraising (including co-applicant/co-writer and grants for outreach/science communication):

2022	Amsterdams Universiteitsfonds (AUF), (€10,000 for my lab's Artist-in-Residence program)
2018	Raised over $80,000 from various sources to run the 2018 Gordon Research Conference on Mammary Gland Biology (together with Christina Scheel)
2016	NWO ALW Middelgroot (€500,000 for a BD Influx FACS sorter, co-writer and part of the research team)
2016	NWO/ZonMW Bio Art and Design (BAD) award (€25,000, with artists/designers Lilian van Daal and Roos Meerman)

Multiple grants and fellowships have also been awarded to my team members. A selection:

- *Fulbright fellowship and stipend from the Nijbakker-Morra Stichting, awarded to Saskia de Man in 2019 to allow a 6-month international research visit to the lab of Andres Lebensohn (NIH, USA)*
- *2-year Marie Curie Individual Fellowship (EU Horizon2020), awarded to Katrin Wiese in 2016.*

Invited talks

Keynote talks:

2019 Joint meeting of the Finnish Developmental Biology Society and Stem Cell Network
(Kiljavanranta, Nurmijärvi, 11-12 October 2019, chair: Dr. Marja Mikkola)
"Tissue specific regulation of Wnt signaling activity"

Other invited talks at conferences and symposia:

2022 Annual meeting of the UK Genetics society, "Functional Regulatory Genomics and Disease"
(Edinburgh, UK, April 2022 - *originally scheduled for November 2020, cancelled due to COVID-19*)
"Exploring the WNT enhancer landscape in the mammary gland"

2019 Gordon Research Conference on Wnt signaling (Stowe, VT, USA, August 2019)
"Tissue specific regulation of Wnt signaling activity"

2018 Wnt meeting (Heidelberg, Germany, September 2018)
"Wnt signaling in mammary gland development and breast cancer: from mouse to molecule"

2017 Symposium on "Dynamics of adult stem cells and cancer"
(Georg Speyer Haus, Frankfurt, Germany, host: Dr. Henner Farin)
"Wnt signaling in mammary gland development and breast cancer"

2016 Cell Press LabLink "The Organoid Revolution: Organs in a dish"
"Primary organoid cultures to dissect Wnt signaling in mammary gland biology and breast cancer"
(Amsterdam, NL)

2016 Gordon Research Conference on Mammary Gland Biology (Il Ciocco, Italy)
"Dissecting the role of Wnt signalling in mammary gland development and breast cancer"

2014 6th ENBDC Workshop on mammary gland biology and breast cancer (Weggis, Switzerland)
"Conditional gene manipulation in three-dimensional mammary organoid cultures"

2014 AIMMS annual meeting (Vrije Universiteit (VU), Amsterdam, NL)
"Tracking the developmental fate of Wnt-responsive stem cells"

2013 5th ENBDC Workshop on mammary gland biology and breast cancer (Weggis, Switzerland)
"Lineage tracing in the mammary gland: principles, promises and pitfalls"

2013 Targeting Cancer Conference (inaugural meeting for the Cardiff European Cancer Stem Cell Research Institute, ECSCRI, Cardiff, UK)
"Lineage tracing reveals the developmental fate of mammary gland stem cells"

2013 Trippenhuis meeting, Nederlandse Vereniging voor Celbiologie, Amsterdam
"Wnt-responsive stem cells and turnover of the mammary epithelium"

2010 Experimental Biology 2010 (Anaheim, CA, USA)
"Uncovering new roles for Wnt5a: Context is everything?"

Institutional seminars:

2022 Linköping University, Sweden (*webinar*, host: Dr. Claudio Cantú)
"Tissue-specific WNT signaling: mammary gland development and breast cancer"
(26 Apr 2022)

2021 University of Helsinki, Finland (host: Dr. Marja Mikkola)
"Tissue specific regulation of WNT signaling activity: From man (or mouse) to molecule"
(24 Sep 2021)

2021 East Carolina University, USA (*webinar*, host: Dr. Maranke Koster)
"Tissue specific regulation of WNT signaling activity: From man (or mouse) to molecule"

(19 Feb 2021)

2019 Institute of Medical Sciences, University of Aberdeen, Scotland (host: Dr. Stefan Hoppler)
"Tissue specific regulation of Wnt signal transduction" (28 November 2019)

2019 Stem Cell Institute, KU Leuven, Belgium (host: Willy Antoni Abreu De Oliveira)
"Tissue specific regulation of Wnt signal transduction" (27 May 2019)

2019 Leibniz Institute on Aging, Jena, Germany (host: Dr. Björn von Eyss)
"Tissue specific regulation of Wnt signal transduction" (15 Feb 2019)

2018 Basel Breast Consortium, Basel, Switzerland (host: Dr. Momo Bentires-Alj)
"Wnt signaling in mammary gland development and breast cancer" (5 July 2018)

2017 Cambridge Stem Cell Institute, Cambridge, UK (host: Dr. Bon-Kyoung Koo)
"Wnt signaling in the mammary gland: from mouse to molecule"

2017 Leibniz Institute on Aging, Jena, Germany (host: Dr. Björn von Eyss)
"Wnt signaling in the mammary gland: from mouse to molecule"

2016 CNRS, Gif-sur-Yvette, France (host: Dr. Nadine Peyriéras)
"Dissecting the role of Wnt signaling in mammary gland development and breast cancer"

2015 Breast Cancer Now, Manchester University, Manchester, UK (host: Dr. Rob Clarke)
"Tales from the mammary gland: How Wnt signaling controls (stem) cell proliferation and differentiation"

2014 Cluster of Excellence in Cellular Stress Responses in Aging-associated Diseases (CECAD), Cologne, Germany (host: Dr. Carien Niessen)
"Wnt signaling, stem cells and cancer: tales from the mammary gland"

2014 Sanquin, Amsterdam, Netherlands (host: Dr. Carlijn Voermans)
"Wnt signaling, stem cells and cancer: tales from the mammary gland"

2014 Laserlab, Faculteit voor Exacte Wetenschappen, Vrije Universiteit (VU), Amsterdam, Netherlands (host: Dr. Davide Iannuzzi)
"The role of Wnt signaling in tissue development and maintenance"

2013 Swammerdam Institute for the Life Sciences, University of Amsterdam (UvA), Amsterdam, Netherlands (host: Dr. W. Stiekema)
"Novel insights into the origin & identity of mammary gland stem cells"

2013 Eli and Edythe Broad Center for Regenerative Medicine and Stem Cell Research, University of Southern California (USC), Los Angeles, CA, USA (host: Dr. A. McMahon)
"Novel insights into the origin & identity of mammary gland stem cells"

2013 Friedrich Miescher Institute for Biomedical Research (FMI), Basel, Switzerland (host: Dr. S. Gasser)
"Novel insights into the origin & identity of mammary gland stem cells"

2012 European Research Institute for the Biology of Aging, UMCG Groningen, The Netherlands (host: Dr. G. de Haan)
"Novel insights into the origin & identity of mammary gland stem cells"

2012 Erasmus Stem Cell Institute, Rotterdam, The Netherlands (host: Dr. E. Dzierzak)
"Novel insights into the origin & identity of mammary gland stem cells"

2012 Cambridge Stem Cell Institute, Cambridge, UK (host: Dr. A. Smith)
"Novel insights into the origin & identity of mammary gland stem cells"

2012 Universitair Medisch Centrum (UMC), Utrecht, The Netherlands (host: Dr. M. Maurice)
"Novel insights into the origin & identity of mammary gland stem cells"

2012 Academisch Medisch Centrum (AMC), Amsterdam, The Netherlands (host: Dr. S. Pals)
"Novel insights into the origin & identity of mammary gland stem cells"

2007 Max Delbrück Center for Molecular Medicine, Berlin, Germany (host: Dr. W. Birchmeier)
"Resolving the role of Frat in Wnt signal transduction"

2006 Stanford University, Stanford, CA, USA (host: Dr. R. Nusse)
"Resolving the role of Frat in Wnt signal transduction"

2005 Baylor College of Medicine, Houston, TX, USA (host: Dr. D. Roop)
"The mouse trap: Resolving the role of Frat in Wnt signal transduction"

Campus/Departmental talks:

2016 Opening symposium of the new VU/UvA O|2 research building (TedX style talk)
"5 things you should know about the mammary gland"

2015 SILS research day, University of Amsterdam (UvA), Amsterdam, Netherlands
"Tales from the mammary gland: How Wnt signaling controls (stem) cell proliferation and differentiation"

Conferences, Meetings, Workshops and Symposia

Organization and chairing:

2022 – Co-organizer EMBO practical course "Techniques for Mammary Gland Research" (with María dM Vivanco and Martin Jechlinger)

2021 – 2022 Steering committee online seminar series "Worldwide Wnt Talks" (with Stephane Angers, David Virshup and Marian Waterman)

2018 Organizer and chair of the 2018 Gordon Research Conference on Mammary Gland Biology (27 May – 1 June, Il Ciocco, Italy, with Christina Scheel)

2017 Vice chair Gordon Research Conference on Mammary Gland Biology (Stowe, VT, USA, with Christina Scheel; organizers/chairs: Heide Ford and Michael Lewis)

2016 Organizer and chair of the 8th ENBDC Workshop on mammary gland biology and breast cancer (12-14 May in Weggis, Switzerland)

Session chairing:

2022 Session chair Gordon Research Conference on Mammary Gland Biology (Il Ciocco, Italy, 29 May – 3 Jun 2022)

2022 Session chair 13th ENBDC workshop on mammary gland biology and breast cancer (Weggis, Switzerland, 28-30 April 2022)

2021 Zoom host for some of the online WorldWideWnt Talk sessions (6 May 2021, 17 Jun 2021)

2019 Session chair Gordon Research Conference on Wnt signaling (West Dover, VT, USA, Aug 2019)

2017 Session chair Gordon Research Conference on Mammary Gland Biology (Stowe, VT, USA)

2015 Session chair 7th ENBDC Workshop on mammary gland biology and breast cancer (Weggis, Switzerland)

2014 Session chair KWF tumorcelbiologie (Lunteren, Netherlands)

2014 Session chair Gordon Research Conference on Mammary Gland Biology (Il Ciocco, Italy)

Oral presentations selected from abstracts:

2014 KWF tumorcelbiologie (Lunteren, Netherlands, talk), "Dissecting the response of the mammary epithelium to elevated levels of WNT/CTNNB1 signaling"

2014 Wnt meeting (Broome, Australia, talk),
"Dynamic responses to Wnt signaling in the mammary epithelium"

2012 Gordon Conference on Mammary Gland Biology (Il Ciocco, Italy, talk and poster)
"Developmental stage and time dictate the fate of Wnt-responsive mammary stem cells"

2011 Wnt-meeting (UCLA, Los Angeles, USA, talk and poster)
"Origin and behaviour of mammary gland stem cells revealed by Axin2-CreERT2"

2010 Wnt-meeting (Karolinska Institute, Stockholm, Sweden, talk and poster)
"Uncovering new roles for Wnt5a: Context is everything?"

2010 EMBO fellows meeting (Heidelberg, Germany, talk and poster)
"Uncovering new roles for Wnt5a: Context is everything?"

2008 EMBO fellows meeting (Boston, MA, USA, talk and poster)
"Alternative Wnt signaling: dissecting the modes of action of Wnt5a"

2007 Wnt-meeting (San Diego, CA, USA, talk)
"Tmem98: A novel negative regulator of the canonical Wnt pathway"

2004 Wnt-meeting (Ann Arbor, MI, USA, talk)

"Frat is dispensable for Wnt signalling in mammals"

Poster presentations selected from abstracts:

2019 10th workshop on Innovative Mouse Models workshop (19-21 Jun 2019, Leiden, the Netherlands)
"Building new mouse models for mammary gland biology"
2019 11th ENBDC Workshop on mammary gland biology and breast cancer (Weggis, Switzerland)
"Building new mouse models for mammary gland biology"
2014 Gordon Research Conference on Mammary Gland Biology (Il Ciocco, Italy, poster)
2012 EMBO conference '30 years of Wnt-signalling' (Egmond aan Zee, Netherlands, poster)
2009 Wnt meeting (Washington DC, USA, poster)
2009 HHMI meeting (Janelia Farm, VA, USA, poster)
2008 Developmental Biology meeting (Santa Cruz, CA, USA, poster)
2007 Wnt meeting (Berlin, Germany, poster)
2006 Keystone meeting on Wnt-signaling (Snowbird, UT, USA, poster)
2002 Keystone meeting on Wnt-signaling (Taos, NM, USA, poster)
2001 Wnt meeting (New York City, NY, USA, poster)

Multiple talks and poster presentations were held by my team members. A selection:

- *2022: 13th ENBDC Workshop on mammary gland biology and breast cancer (Weggis, Switzerland), Posters presentations (selected from abstracts) by Marleen Aarts and Tanne van der Wal*
- *2019: Cell Symposium Transcriptional Regulation in Evolution, Development, and Disease (Chicago, IL, USA), Poster presentation (selected from abstracts) by Nika Heijmans*
- *2019: Gordon Research Conference on Wnt signaling (West Dover, VT, USA), Poster presentation (selected from abstracts) and poster prize by Saskia de Man*
- *2018: Wnt meeting (Heidelberg, Germany), Poster presentations (selected from abstracts) by Katrin Wiese, Nika Heijmans, Anoeska van de Moosdijk (poster prize), Amber Zeeman, Saskia de Man, Yorick van de Grift, Larissa Mourao*
- *2016: Wnt meeting (Brno, Czech Republic), talk & poster (selected from abstracts) by Anoeska van de Moosdijk*

Scientific Publications

Pre-prints / In submission / Accepted for publication / In press:

Mourao L*, Zeeman AL*, Wiese KE, Bongaarts A, Oudejans LL, Mora Martinez I, van de Grift YBC, Jonkers J, **van Amerongen R** (2021*)*, 'Hyperactive WNT/CTNNB1 signaling induces a competing cell proliferation and epidermal differentiation response in the mouse mammary epithelium',
(available as pre-print on Biorxiv, https://doi.org/10.1101/2021.06.22.449461)
in revision (rejected after review by Cell Reports)

Research articles:

2021 De Man SMA, Zwanenburg G, Hink MA*, **van Amerongen R*** (2021) 'Quantitative live-cell imaging and computational modeling shed new light on endogenous WNT/CTNNB1 signaling dynamics', eLife 2021;10:e66440. *https://doi.org/*10.7554/eLife.66440
(previously available as pre-print on Biorxiv, doi: https://doi.org/10.1101/2020.05.28.120543)

2021 Kaiser K, Jang A, Lun M, Prochazka J, Machon O, Prochazkova M, Laurent B, Gyllborg D, **van Amerongen R**, Kompanikova P, Wu F, Barker RA, Uramova I, Sedlacek R, Kozmik Z, Arenas E, Lehtinen MK, Bryja V (2021), *'MEIS-WNT5A axis regulates development of 4th ventricle choroid plexus'*, Development 148 (10): dev192054. *https://doi.org/10.1242/dev.192054*
(previously available as pre-print on Biorxiv, doi: https://doi.org/10.1101/2020.05.07.082370)

2021 Van de Grift YBC, Heijmans N, **van Amerongen R** (2021) 'How to use online tools to generate new hypotheses for mammary gland biology research: a case study for Wnt7b', Journal of Mammary Gland Biology and Neoplasia. *https://doi.org/10.1007/s10911-020-09474-z*.
(previously available as pre-print on Biorxiv, doi: https://doi.org/10.1101/2020.09.19.304667)

2020 van de Moosdijk AAA*, van de Grift YBC*, de Man SMA, Zeeman AL, **van Amerongen R** (2020), 'A

novel Axin2 knock-in mouse model for visualization and lineage tracing of WNT/CTNNB1 responsive cells', Genesis 2020 Sep;58(9):e23387. doi: 10.1002/dvg.23387. Epub 2020 Jul 9. *(previously available as pre-print on Biorxiv, doi: https://doi.org/10.1101/2020.04.03.024182)*

2020 van der Wal T, Lambooij JP, **van Amerongen R**, 'TMEM98 is a negative regulator of FRAT mediated Wnt/beta-catenin signaling', PLoS ONE 15(1):e0227435. *(previously available as a pre-print on BioRxiv, doi: https://doi.org/10.1101/512426)*

2016 Jacobsen A, Heijmans N, Verkaar F, Smit MJ, Heringa J, **van Amerongen R***, Feenstra KA* (2016), 'Construction and Experimental Validation of a Petri Net Model of Wnt/β-Catenin Signaling', PLoS ONE 11 (5): e0155743. doi:10.1371/journal.pone.0155743

2016 Boelens MC, Nethe M, Klarenbeek S, de Ruiter JR, Schut E, Bonzanni N, Zeeman A, Wientjens E, van der Burg E, Wessels L, **van Amerongen R**, Jonkers J (2016), 'PTEN Loss in E-Cadherin-Deficient Mouse Mammary Epithelial Cells Rescues Apoptosis and Results in Development of Classical Invasive Lobular Carcinoma', Cell Reports 16(8): 2087–2101

2016 van de Moosdijk AAA, **van Amerongen R** (2016), 'Identification of reliable reference genes for qRT-PCR studies of the developing mouse mammary gland', Scientific Reports 6:35595 DOI: 10.1038/srep35595

2014 Rinkevich Y, Montoro DT, Contreras-Trujillo H, Harari-Steinberg O, Newman AM, Tsai JM, Lim X, **Van-Amerongen R**, Bowman A, Januszyk M, Pleniceanu O, Nusse R, Longaker MT, Weissman IL, Dekel B. (2014), 'In Vivo Clonal Analysis Reveals Lineage-Restricted Progenitor Characteristics in Mammalian Kidney Development, Maintenance, and Regeneration', Cell Rep. 2014 May 22;7(4):1270-83

2014 Shehata M, **van Amerongen R**, Zeeman AL, Giraddi RR, Stingl J (2014), 'The influence of tamoxifen on normal mouse mammary gland homeostasis', Breast Cancer Research 2014, 16:411

2013 Lim, X, Tan SH, Koh WL, Chau RM, Yan KS, Kuo CJ, **van Amerongen R**, Klein AM and Nusse R (2013), 'Interfollicular epidermal stem cells self-renew via autocrine Wnt signaling ', Science 342(6163): 1226-1230

2013 Volkenstein S, Oshima K, Sinkkonen ST, Corrales CE, Most SP, Chai R, Jan TA, **van Amerongen R**, Cheng AG and Heller S (2013), 'Transient, afferent input-dependent, postnatal niche for neural progenitor cells in the cochlear nucleus.', Proc Natl Acad Sci U S A 110(35): 14456-14461

2013 Jan, TA, Chai R, Sayyid ZN, **van Amerongen R**, Xia A, Wang T, Sinkkonen ST, Zeng YA, Levin JR, Heller S, Nusse R and Cheng AG (2013), 'Tympanic border cells are Wnt-responsive and can act as progenitors for postnatal mouse cochlear cells.', Development 140(6): 1196-1206

2013 Bowman AN, **van Amerongen R**, Palmer TD and Nusse R (2013), 'Lineage tracing with Axin2 reveals distinct developmental and adult populations of Wnt/beta-catenin-responsive neural stem cells.', Proc Natl Acad Sci U S A 110(18): 7324-7329

2012 **van Amerongen R**, Bowman AN and Nusse R (2012), 'Developmental stage and time dictate the fate of Wnt/beta-catenin-responsive stem cells in the mammary gland.', Cell Stem Cell 11(3): 387-400

2012 **van Amerongen R**, Fuerer C, Mizutani M and Nusse R (2012), 'Wnt5a can both activate and repress Wnt/beta-catenin signaling during mouse embryonic development.', Dev Biol 369(1): 101-114

2012 Walf-Vorderwulbecke, V, de Boer J, Horton SJ, **van Amerongen R**, Proost N, Berns A and Williams O (2012), 'Frat2 mediates the oncogenic activation of Rac by MLL fusions.', Blood 120(24): 4819-4828

2010 **van Amerongen R**, Nawijn MC, Lambooij JP, Proost N, Jonkers J and Berns A (2010), 'Frat oncoproteins act at the crossroad of canonical and noncanonical Wnt-signaling pathways.', Oncogene 29(1): 93-104

2005 **van Amerongen R**, Nawijn M, Franca-Koh J, Zevenhoven J, van der Gulden H, Jonkers J and Berns A (2005), 'Frat is dispensable for canonical Wnt signaling in mammals.', Genes Dev 19(4): 425-430

2004 **van Amerongen R**, van der Gulden H, Bleeker F, Jonkers J and Berns A (2004), 'Characterization and functional analysis of the murine Frat2 gene.', J Biol Chem 279(26): 26967-26974

2002 Scheffer GL, Reurs AW, Jutten B, Beiboer SH, van Amerongen R, Schoester S, Wiemer EA, Hoogenboom HR and Scheper RJ (2002), 'Selection and characterisation of a phage-displayed

human antibody (Fab) reactive to the lung resistance-related major vault protein.', Br J Cancer 86(6): 954-962

2001 Chan, MF*, **van Amerongen R***, Nijjar T, Cuppen E, Jones PA and Laird PW (2001), 'Reduced rates of gene loss, gene silencing, and gene mutation in Dnmt1-deficient embryonic stem cells.', Mol Cell Biol 21(22): 7587-7600

1999 Jonkers J, **van Amerongen R**, van der Valk M, Robanus-Maandag E, Molenaar M, Destree O and Berns A (1999), 'In vivo analysis of Frat1 deficiency suggests compensatory activity of Frat3.', Mech Dev 88(2): 183-194

Reviews:

2020 Van der Wal T, **van Amerongen R** (2020) 'Walking the tight wire between cell adhesion and WNT signalling: A balancing act for CTNNB1', Open Biology 10(12) https://doi.org/10.1098/rsob.200267

2020 van Schie EH, **van Amerongen R** (2020), 'Aberrant WNT/CTNNB1 Signaling as a Therapeutic Target in Human Breast Cancer: Weighing the Evidence', Front. Cell Dev. Biol., 31 January 2020

2018 Wiese KE, Nusse R, **van Amerongen R** (2018), 'Wnt signalling: conquering complexity', Development 2018 145: dev165902 doi: 10.1242/dev.165902 Published 26 June 2018

2016 Loh KM, **van Amerongen R**, Nusse R (2016), 'Generating cellular diversity and spatial form: Wnt Signaling and the Evolution of Multicellular Animals', Developmental Cell 38(6): p643–655

2014 Kemper K, de Goeje PL, Peeper DS, **van Amerongen R** (2014), 'Phenotype Switching: Tumor Cell Plasticity as a Resistance Mechanism and Target for Therapy', Cancer Res. 2014 Nov 1;74(21):5937-41. Epub 2014 Oct 15

2009 **van Amerongen R**, and Nusse R (2009), 'Towards an integrated view of Wnt signaling in development.', Development 136(19): 3205-3214

2008 **van Amerongen R**, Mikels A and Nusse R (2008), 'Alternative wnt signaling is initiated by distinct receptors.', Sci Signal 1(35): re9

2006 **van Amerongen R** and Berns A (2006), 'Knockout mouse models to study Wnt signal transduction.', Trends Genet 22(12): 678-689

2005 **van Amerongen R** and Berns A (2005), 'Re-evaluating the role of Frat in Wnt-signal transduction.', Cell Cycle 4(8): 1065-1072

Editorials, Perspectives and Opinion pieces:

2021 **van Amerongen R** (2021) 'Behind the scenes of the Human Breast Cell Atlas', Journal of Mammary Gland Biology and Neoplasia. *https://doi.org/10.1007/s10911-021-09482-7*

2020 **van Amerongen R** (2020), 'Celebrating Discoveries in Wnt Signaling: How One Man Gave Wings to an Entire Field', Cell, 181(3): 487-491, *https://doi.org/10.1016/j.cell.2020.03.033*

2014 **van Amerongen R** (2014), 'Bipotent mammary stem cells: now in amazing 3D', Breast Cancer Research 2014, 16:480

2013 **van Amerongen R**, and Berns A (2013), 'Break the loop, escape the cycle?', EMBO J 32(14): 1967-1969

2008 **van Amerongen R** and Berns A (2008), 'Targeted anticancer therapies: mouse models help uncover the mechanisms of tumor escape.', Cancer Cell 13(1): 5-7

2006 **van Amerongen R** and Berns A (2006), 'TXR1-mediated thrombospondin repression: a novel mechanism of resistance to taxanes?', Genes Dev 20(15): 1975-1981

Meeting reports:

2016 Lloyd-Lewis B, van de Moosdijk AAA, Bentires-Alj M, Clarke RB, **van Amerongen R** (2016), 'Complexity galore: 3D cultures, biomechanics and systems medicine at the eighth ENBDC workshop "Methods in Mammary Gland Development and Cancer"', Breast Cancer Res (2016) 18: 115

2015 Glukhova MA, Hynes N, Vivanco M dM, **van Amerongen R**, Clarke RB and Bentires-Alj M (2015), 'The seventh ENBDC workshop on methods in mammary gland development and cancer', Breast Cancer Research 17:119

2012 Verkaar F, Cadigan KM and **van Amerongen R** (2012), 'Celebrating 30 years of Wnt signaling.', Sci Signal 5(254): mr2

Book chapters:

2021 de Man SMA, **van Amerongen R** (2021), 'Zooming in on the WNT/CTNNB1 Destruction Complex: Functional Mechanistic Details with Implications for Therapeutic Targeting ', Handbook of Experimental Pharmacology. Springer, Berlin, Heidelberg, *https://doi.org/10.1007/164_2021_522*

2017 van de Moosdijk AA, Fu NY, Rios AC, Visvader JE, **van Amerongen R** (2017), 'Lineage Tracing of Mammary Stem and Progenitor Cells', Methods Mol Biol. 2017;1501:291-308

2015 **van Amerongen R** (2015), 'Lineage Tracing in the Mammary Gland Using Cre/lox Technology and Fluorescent Reporter Alleles', Methods Mol Biol. 2015;1293:187-211

2014 Green J, Nusse R, **van Amerongen R** (2014), 'The role of ryk and ror receptor tyrosine kinases in Wnt signal transduction.', Cold Spring Harb Perspect Biol. 2014 Feb 1;6(2). Pii: a009175.

2012 **van Amerongen R** (2012), 'Alternative Wnt pathways and receptors.', Cold Spring Harb Perspect Biol 4(10)

For a complete overview of my scientific publication and citation record visit my Google scholar profile: https://scholar.google.nl/citations?hl=nl&user=zdq7fBIAAAAJ

To read my PhD thesis (2005): http://dare.uva.nl/document/17683

Scientific collaborations

Active/Ongoing:

Local:

- Dr. Marten Postma (SILS, UvA); quantitative image analysis and multi-scale modeling
- Dr. Simone Mesman (SILS, UvA); lineage tracing in Pitx3-Cre;PRIME mice
- Dr. Aniko Korosi (SILS, UvA); effects of stress on mammary gland biology and function
- Dr. Thijs van Boxtel (DSCCB, SILS, UvA); Dissecting WNT/BMP signalling logic

National:

- Dr. Hendrik Marks (RU, initiator and main applicant), Dr. Thijs van Boxtel (SILS, UvA), Dr. Simon van Heeringen (RU), Dr. Jop Kind (Hubrecht), Dr. Tineke Lenstra (NKI/AvL); NWO-ENW-XL consortium
- Dr. Jeroen van Zon (AMOLF, Amsterdam, Netherlands); quantitative cell tracking in intestinal organoids
- Prof.dr. Jacco van Rheenen (Netherlands Cancer Institute, Amsterdam, Netherlands); new mouse models for mammary gland biology and breast cancer research
- Prof.dr. Jos Jonkers (Netherlands Cancer Institute, Amsterdam, Netherlands); mammary gland biology and breast cancer research
- Boerhaave Kliniek (Amsterdam, Netherlands); human breast tissue from reduction mammoplasties

International:

- Dr. Claudio Cantu (Sweden); Context-dependent WNT/CTNNB1 signalling, *shared lab meetings*
- ENBDC breast tissue working group (initiated and chaired by Dr. Momo Bentires-Alj)
- Dr. Ricardo Mallarino (Princeton, USA); Wnt5a in skin development, *in submission*
- Dr. Andres Lebensohn (NIH, USA); functional genetic screens in haploid cells, *shared PhD student*

Previous (since 2013, resulting in grants or publications – including PhD thesis chapters):

- NKI transgenic facility/Mouse Clinic for Cancer and Aging (MCCA); mouse models for developmental, cell and cancer biology; PhD thesis Anoeska van de Moosdijk (2021)
- Dr. Gooitzen Zwanenburg (SILS, UvA); computational models for WNT signaling and stem cells; publication in eLife (2021)
- Dr.ir. Mark Hink (SILS, UvA); advanced microscopy, including FCS and N&B; publication in eLife (2021)
- Prof.dr. Ernest Arenas (Sweden) and dr. Vitezslav Bryja (Czech Republic); Wnt5a in brain development; publication in Development (2021)

- Prof.dr. Roel Nusse (USA); WNT signaling; publications in Developmental Cell (2016) and Development (2018)
- Dr. Jane Visvader (Australia); lineage tracing in the mammary gland; publication in Methods in Molecular Biology (2017)
- Dr. Anton Feenstra (Vrije Universiteit Amsterdam); computational modeling of WNT signaling; publication in Plos One (2016)
- Prof.dr. Jos Jonkers (Netherlands Cancer Institute); mammary gland organoids; publication in Cell Reports (2016)
- ENBDC network); mammary gland biology and breast cancer; publications in Breast Cancer Research (2015, 2016)
- Dr. John Stingl (UK); mammary gland development; publication in Breast Cancer Research (2014)
- Prof.dr. Daniel Peeper (Netherlands Cancer Institute); phenotype switching and cell plasticity; publication in Cancer Research (2014)

Professional Memberships

2021 – Human Breast Cell Atlas Network
2014 – European Network of Breast Development and Cancer labs (ENBDC)
2014 – Dutch Society for Developmental Biology
2013 – Dutch Society for Cell Biology

Teaching

2014 – Supervisor/Assessor for BSc and MSc students (literature reviews, internships)
2014 – Appointed examiner
BSc: - Biomedische Wetenschappen
- Biologie
MSc: - Biomedical Sciences
- Biological Sciences

Coordination:
2020 – Track coordinator
Minor Biomedical Sciences: From basic biology to booming business
(offered (inter)nationally as an elective from academic year 2020 – 2021 onwards)
2015 – Track coordinator
Frontiers in Medical Biology
(elective track for 3rd year BSc students Biomedische Wetenschappen)
2015 – Course coordinator
'Frontiers in Medical Biology I'
(3rd year BSc students Biomedische Wetenschappen)
2014 – Course coordinator
'Current Issues in Developmental Biology' (together with Dr. Frank Jacobs)
(1st and 2nd year MSc Biomedical sciences students)

Course/Track development and design:
2020 Redesign of 'Frontiers in Medical Biology I' for online teaching & examination
(due to the COVID-19 pandemic)
2018 – 2019 Contributed to course design for Shaping a human
(part of the new Developmental and Therapeutic Biology track)
2018 – 2019 Devised and implemented a new practical for 'Advanced Genomics' course, focusing on regeneration in Planarians
2018 – 2019 Devised and implemented a new practical/tutorial in the form of a computer game to model stem cell dynamics (supported by a Grassroots grant from the University of Amsterdam, together with Gooitzen Zwanenburg)
2017 – 2018 Devised and implemented a new practical/tutorial in the form of a board game to model stochastic stem cell dynamics

2014 – 2015 Developed new elective track for 3rd year BSc students, 'Frontiers in Medical Biology' (started in 2015 – 2016)
2013 – 2014 Developed new elective course for 1st and 2nd year MSc students, 'Current Issues in Developmental Biology' (started in 2014 – 2015, together with dr. Yelena Budovskaya)

Lecturer/Instructor:

2013 – MSc program 'Biomedical Sciences' (UVA)
MSc1: - Molecular Biology of the Cell (all Biomedical Sciences tracks)
- Biomedical Systems Biology (Medical Biochemistry and Biotechnology track)
- Shaping a human (Developmental and Therapeutic Biology track)
MSc1/2: - Current Issues in Developmental Biology (all Biomedical Sciences tracks)

BSc program 'Biomedische Wetenschappen' (UVA)
BSc1: - Highlight college 'Van mens tot molecuul'
- Highlight college 'Muismodellen'
BSc2: - Molecular Systems Biology (honors program)
- Miniscriptie (individual supervision)
BSc3: - Genregulatie
- Frontiers in Medical Biology I
- Frontiers in Medical Biology II
- Advanced Genomics I

BSc program 'beta/gamma' (UVA)
BSc1: - Keerpunten in de Natuurwetenschappen

Prior teaching:

MSc program 'Biomedical Sciences' (UVA)
2013 - 2019 MSc1: - Clinical Cell Biology (Cell Biology and Advanced Microscopy & Oncology tracks)

BSc program 'Biomedical Sciences' (UVA)
2013 - 2019 BSc2: - Cellulaire Oncologie
2013 - 2018 BSc3: - Moleculaire Medische Biologie
2013 - 2020 - Advanced Genomics II

Guest lecturer:

2022	Guest lecture "Mammary gland and breast development" ILC symposium/Summer School European Lobular Breast Cancer Consortium (Utrecht, NL, 20 Jun 2022)
2018	Guest lecture 'Wnt-responsive stem cells' (Leiden University, MSc Frontiers of Science course 'Stem Cells', coordinator: Dr. Harald Mikkers)
2018	Guest lecture 'modeling stem cell dynamics' Hogeschool Leiden, Bioinformatica (together with Gooitzen Zwanenburg)
2018	Guest lecture 'Organoids from the mammary gland' (Utrecht University, MSc/PhD course 'Intro to Stem Cells', coordinator: Dr. Koen Braat)
2017	Guest lecture 'Wnt signaling, stem cells, (mammary) development and (breast) cancer' (VU Amsterdam, MSc course 'Developmental Biology', coordinator: Dr. Ronald Koes)
2017	Guest lecture 'ontwikkelingsbiologie en stamcellen: van kikkers tot borstkanker' (Leiden University, BSc course 'Developmental Biology', coordinator: Dr. Anna-Pavlina Haramis)
2015 –	Annual guest lecture 'Wnt signaling in (mammary) development and (breast) cancer' (VU Amsterdam, MSc course 'Signal Transduction in Health and Disease, coordinator: Dr. Martine Smit)
2015	Guest lecture 'Stem cells and regenerative medicine' (graduate school Systems Biology, course on 'Personalized medicine', coordinator: Dr. Hans Westerhoff)
2014 –	Annual guest lecture 'Stem cells and Breast Cancer' (Erasmus University Rotterdam, 3rd year medical students, research minor 'Biomedical Research in Practice', coordinator: Dr. Derk ten Berge)

Mentoring & Supervision

2021 –	Mentor for new tenure track faculty
2013 –	Supervising scientific and support staff, postdocs, PhD students & BSc/MSc students in my own research team
1999 – 2013	Supervised multiple students (HBO, BSc and MSc), technicians and PhD students at the Netherlands Cancer Institute (NKI) and Stanford University

Current research team Developmental, Stem Cell and Cancer Biology (DSCCB):

Permanent staff:

Thijs van Boxtel	UD	02/2021 – present
Ingeborg Hooijkaas	technician	10/2020 – present

Temporary appointments:

Tanne van der Wal	PhD student	10/2019 – present	my role: promotor (2nd promotor: Marten Smidt)
Marleen Aarts	PhD student	06/2021 – present	my role: promotor (co-promotor: Thijs van Boxtel)

Lab alumni:

Postdocs		*next career step:*
Larissa Mourao	01/2018 – 04/2020	Lab manager, VIB-KU Leuven
Katrin Wiese	01/2015 – 12/2019	Medical Communications Manager (Excerpta Medica)

PhD students		*next career step:*	*date PhD award:*
Yorick van de Grift	02/2017 – 12/2021	t.b.d.	t.b.d.
Saskia de Man	09/2016 – 09/2021	Scientist (Ocello, Crown Bioscience)	t.b.d.
Nika Heijmans	10/2014 – 10/2019	Jr. Scientist (uniQure)	7 July 2021
Anoeska van de Moosdijk	03/2014 – 12/2018	management assistant, UVA	16 Nov 2021

Technicians		*next career step:*
Amber Zeeman	11/2013 – 04/2020	Research Assistant at TNO

MSc internship students		*next career step:*
Britt Balvers	2021 – 2022	research internship at AMC, Amsterdam, the Netherlands
Muriel Wagner	2021 – 2022	medical residency
Florence Wavreil	2021 – 2022	research internship at AMC, Amsterdam, the Netherlands
Zino Groen	2019 – 2022	n.a.
Jobana Ananthasabesan	2020 – 2021	research internship at Sanquin, Amsterdam
Jenny Heijkoop	2020 – 2021	research internship at Erasmus MC, Rotterdam, the Netherlands
Omayma Al-Qezweny	2020 – 2021	medical residency (coschappen)
Uliana Shvetsova	2020 – 2021	research internship at SILS, UvA, Amsterdam, the Netherlands
Melanie Rietveld	2020 – 2021	research internship Global Health and Social Medicine, King's College, London, UK
Rianne Schoon	2018 – 2019	research internship at AMC, Amsterdam, the Netherlands
Sanne Lith	2017 – 2018	research internship at Max Planck, Münster, Germany
Isabel Morena	2017 – 2018	research internship at NKI, Amsterdam, the Netherlands
Katja Klooster	2017 – 2018	Science and Society major, VU
Lieve Oudejans	2016 – 2017	research internship at Oxford University, UK
Francesca Catto	2015 – 2016	research internship at PRBB (IMIM), Barcelona, Spain
Lotte Hofstee	2015 – 2016	research internship at Sanquin, Amsterdam
Jelte Hermans	2015 – 2016	Tesla minor, UVA
Bastiaan van den Berg	2014 – 2015	research internship at Rockefeller University, USA
Saskia de Man*	2014 – 2015	research internship at CNRS, Paris, France
Anika Bongaarts	2014 – 2015	PhD student at AMC, Amsterdam

BSc internship students		*next career step:*
Femke Mol	2019 – 2020	MSc Biomedical Sciences, UVA
Kyah van Meegesen	2018 – 2019	MSc Biomedical Sciences, UVA
Delano Sanches	2018 – 2019	MSc Biomedical Sciences, UVA
Beau Neep	2018 – 2019	MSc Biomedical Sciences, UVA
Marius Messenmaker	2017 – 2018	MSc Cancer, Stem cells & Developmental Biology, UU
Roan van Scheppingen	2017 – 2018	MSc Cancer, Stem cells & Developmental Biology, UU
Jasmijn Span	2017 – 2018	MSc Biomedical Sciences, UVA
Britt van der Swaan	2016 – 2017	MSc Biomedical Sciences, UVA
Nicolaas Boon	2016 – 2017	MSc Biomedical Sciences, UVA
Tanne van der Wal*	2015 – 2016	extracurricular courses in Toronto, Canada
Vivienne Woo	2014 – 2015	PhD student, University of Cincinnatti, USA
Tessa Hemrika	2013 – 2014	MSc Biomedical Sciences, UVA

Visiting scientists		*joined the lab as:*
Cátia Rodrigues Pereira	2017	Erasmus Exchange student from Portugal
Tanne van der Wal*	2017	junior guest researcher

Students that were affiliated with our research group without my direct involvement in their supervision or assessment

Fleur van Schravendijk	2021 – 2022	MSc student	supervised by Thijs van Boxtel
Marit Coppens	2021 – 2022	BSc student	supervised by Thijs van Boxtel
Anna Jonkers	2021 – 2022	HLO student	supervised by Thijs van Boxtel
Demi Blüm	2020 – 2021	BSc student	supervised by Thijs van Boxtel
Tiba Vinck	2020 – 2021	BSc student	supervised by Thijs van Boxtel

** these students later joined the lab as a PhD student*

Service and Management

Institutional service and management:

2022 –	Curriculum committee BSc Biomedical Sciences (leerlijn coordinator Moleculaire Celbiologie & Biochemie; together with Mark Hink)
2022 –	Member of the SILS Management Team (representative of the Cell & Systems Biology theme)
2022 –	Klankbordgroep Major Molecular Life Sciences (SILS)
2020 – 2021	Klankbordgroep Evaluatie Tenure Track beleid (FNWI)
2020	Member of the BAC (appointment advice committee) for the new SILS director
2017	Klankbordgroep Leiderschap voor Wetenschappelijk Personeel (UvA)

2015 – 2020 Talk about 'Fundamenteel onderzoek naar stamcellen en kanker'
at the 'voorlichtingsdag Biomedische Wetenschappen' for highschool students
2014 Member on Innovation Committee to advise the dean of the Faculty of Science (FNWI)

Boards and committees:
2022 – Member NWO Life Sciences Werkgemeenschapscommissie "From genes to organisms"
2021 – Co-curator of The Wnt Homepage (wnt.stanford.edu) together with Roel Nusse
2020 – Executive board member & secretary of the board
"Stichting tot het bevorderen van het onderzoek in de Biochemie"
2019 – Editorial board member of the Journal for Mammary Gland Biology and Neoplasia
(editor in chief: Dr. Russ Hovey, succeeded by Dr. Zuzana Koledova)
2014 – Elected member of the ENBDC organizing committee
(European Network of Breast Development and Cancer Labs)
2014 – 2019 Editor, Amsterdam Science Magazine
2000 – 2002 Member of the PhD student council (Netherlands Cancer Institute)
1997 – 1998 President of the biology undergraduate student council (VU, Amsterdam)

PhD thesis committees (international):
2021 External evaluator PhD half-time committee Simon Söderholm
University of Linkoping Sweden (PI: Dr. Claudio Cantu)
2021 Opponent for the PhD thesis defense of Ewelina Trela
University of Helsinki, Finland (PI: Dr. Marja Mikkola, 23 September 2021)
2021 Opponent for the PhD thesis defense of Petra Paclíková
Masaryk University, Czech Republic (PI: Dr. Vita Bryja, 18 June 2021, defense online)
2019 External evaluator for the PhD thesis of Johanna Wagner
University of Zürich, Switzerland (PI: Dr. Bernd Bodenmiller)
2018 Member of the thesis committee and chair of the defense committee of Virginia Murillo
(PI: Dr. Robert Kypta, CICbioGUNE, Bilbao, Spain)
2017 – 2019 Member of the thesis committee of Alexandra Musch
(PI: Dr. Momo Bentires-Alj, University of Basel, Switzerland)
2017 Expert member of the thesis defense committee of Aline Wuidart
University of Brussels, Belgium (PI: Dr. Cedric Blanpain, December 2017)
2017 External examiner PhD viva of Alessandra Merenda
Cambridge University, UK (PI: Dr. Bon-Kyoung Koo, June 2017)
2016 – 2019 Member of the thesis committee of Dana Elster
(PI: Dr. Björn von Eyss, Leibniz Institute on Aging, Jena, Germany)

PhD thesis committees (national):
2020 Member of the thesis committee of Jeffrey van Senten
Vrije Universiteit (VU) Amsterdam (PI: Dr. Martine Smit, 9 November 2020, defense online)
2019 Member of the thesis defense committee of Koen van Oost
Utrecht University (PI: Dr. Hugo Snippert, 4 June 2019)
2019 Member of the thesis defense committee of Nicola Fenderico
Utrecht University (PI: Dr. Madelon Maurice, 17 January 2019)
2015 Member of the thesis committee of Azra Mujic-Delic
Vrije Universiteit (VU) Amsterdam (PI: Dr. Martine Smit)
2012 Member of the thesis defense committee of Elvira Bakker
Erasmus University Rotterdam (PI: Dr. Ron Smits)

PhD thesis committees (internal):
2022 Member of the thesis committee of Sanne van Neerven
(PI: Dr. Louis Vermeulen, AMC – University of Amsterdam, *defense scheduled 30 Sep 2022*)
2021 Member of the thesis committee of Swip Draaijer

(PI: Dr. Marco Hoekman, SILS, FNWI – University of Amsterdam, 4 Mar 2022)
Member of the thesis committee of Harm van Andel

2019 (PI: Dr. Steven Pals, AMC – University of Amsterdam, 25 April 2019)
Member of the thesis committee of Blaise Weber

2018 (PI: Dr. Maike Stam, SILS, FNWI – University of Amsterdam)
Member of the thesis committee of Marco Lezzerini

2015 (PI: Dr. Yelena Budovskaya, SILS, FNWI – University of Amsterdam)

Reviewing (grant agencies and institutions):

2022 Review panel / Beoordelingscommissie NWO ENW VIDI

2021 External member facultaire adviescommissie, Stamcelinstituut, Ontwikkeling en Regeneratie, KU Leuven

2020 Review panel / Beoordelingscommissie & Domeinbrede commissie NWO ENW OC

2019 Review panel / Beoordelingscommissie NWO ENW VENI

2018 External member of the review board for IC-3i PhD program, Curie Institute, France

2017 – 2018 Independent Expert Reviewer European Commission
(H2020-MSCA-IF-2017, H2020-MSCA-IF-2018)

2016 Review panel / Beoordelingscommissie NWO ALW open programma

2013 – Expert Reviewer for various grant and fellowship applications (ad hoc)

National: NWO, KIKA, KWF kankerbestrijding, Longfonds
International: AICR/Worldwide Cancer Research, HFSP, FWO (Belgium), ANR (France), Royal Society (UK), Wellcome Trust (UK), Breast Cancer Now (UK), Austrian Science Fund (FWF)

Reviewing (journals):

2013 – Peer Reviewer for various scientific journals (ad hoc)

eLife, PLOS Biology, Nature, Nature Cell Biology, Nature Communications, Nature Cancer, Cell Stem Cell, Developmental Cell, Cancer Cell, Cell Reports, Scientific Reports, Breast Cancer Research, Journal of Mammary Gland Biology and Neoplasia, British Journal of Pharmacology, Journal of Physiology, IUBMB Life, Frontiers in Genetics*, Frontiers in Oncology*, WIREs Systems Biology and Medicine, Developmental Biology, JoVE, Development

Editing:

2020 – 2021 Guest editor (together with Zuzana Koledova and Edith Kordon)
Journal of Mammary Gland Biology and Neoplasia (special issue on single cell techniques)

2015 – 2016 Guest editor (together with Walter Birchmeier)
Special issue of the open access journal 'Cancers' (MDPI*) on 'Wnt signaling in cancer'

2011 – 2012 Editor (together with Roel Nusse and Xi He)
CSHL monograph 'Wnt-signaling' (ISBN 978-1-936113-23-1)

** I stopped reviewing and editing for (and publishing in) Frontiers and MDPI in 2021 because I increasingly felt that some of these publishers' editorial practices did not meet my personal and professional standards*

Science policy and career development:

2019 Organizer & chair of the 'Power Hour', 2019 Gordon Research Conference on Wnt signaling

2018 Small group discussions with PhD students and postdocs at the SILS Career Lunch
(theme: 'Navigating Academia')

2015 Participated in the Science for Science conference (Nationale Wetenschapsagenda)
(question #137 on the final agenda is mine)

2015 Participant in panel discussion on 'Academia versus Industry'
(BCF Career Event, Rai, Amsterdam, the Netherlands)

2011 Participant in panel discussion on the future of research financing
(KWF 'Kennispodium', Leiden, the Netherlands)

Science Communication & Outreach

Masterclasses & Workshops:

2020 Masterclass for artists and designers ('Basic scientific research: How does it work and why does it matter?', Kunstlab Arnhem, 14 April 2020, *via Zoom*)

2019 Masterclass for artists and designers on molecular, cell and tissue biology ("Making the invisible visible", 12 November 2019, Kunstlab Arnhem, *https://fillipstudios.com*)

2017 Fluid Matter Special: Workshop on Biomimicry/How nature can inspire design (with designers Lilian van Daal and Roos Meerman), MU gallery, Eindhoven

Collaborations with artists/designers:

2021 – Founder and executive director of the DSCCB artist-in-residence program
2021 and 2022: Dutch poet Rosa Schogt

2020 'Playing with science' (case holder for a research project of artist/design students Iris Beek and Moritz Brill, ArtEZ/KunstLab Arnhem)

2018 Contributed to 'Universe: Facts in a post-truth era' by photographer Jos Jansen

2016 Winner of the Bioart and Design Award competition (ZONMW/NWO) together with artists/designers Lilian van Daal and Roos Meerman; developed the exhibit 'Dynamorphosis: the beauty of inner mechanisms' (*http://roosmeerman.com/project/dynamorphosis*)

2015 Participant in the Bioart and Design Award competition (ZONMW/NWO), worked with Isaac Monté (*http://ateliermonte.com/pages/the-art-of-deception)*

Public lectures:

2022 'Poëzie onder de microscoop', together with Rosa Schogt and Gemma Venhuizen, first presentation of the results from our Artist-in-Residence program (SPUI25, Amsterdam, 1 February 2022)

2020 KNCV (Royal Netherlands Chemical Society), talk on CRISPR/Cas9 genome editing *(webinar, 28 October 2020)*

2020 Chemische Kring Rotterdam, talk on CRISPR/Cas9 genome editing (13 January 2020)

2019 Wakker Worden Kinderlezing at the NEMO Science Center ("Hoe oud kan ik worden?", kids lecture, 15 December 2019)

2019 Lezing 'Fundamenteel onderzoek naar stamcellen en regeneratie', Week van de Biologie, for high school biology teachers and their students

2019 'Evolutie zit in ons DNA': Talk about evo-devo, gene regulation and CRISPR/Cas9 at the 33rd NIBI conference 'Evolutie in Actie' for Dutch high school biology teachers (Lunteren, 12 January 2019)

2015 Talk at SPUI25 (part of VSNU U-meet in the week prior to "Weekend van de Wetenschap" ("Biologie in de 21e eeuw: Het verborgene zichtbaar maken")

2015 Wakker Worden Kinderlezing at the NEMO Science Center ("Hoe werkt zonnebrandcrème?", kids lecture)

Popular Scientific Writing:

2020 – 2022 Radio column (~bi-monthly), Radio Swammerdam (weekly radio show on scientific research, broadcast via Radio Salto)

- Seksueel gedrag bij mensen en dieren, broadcast 8 May 2022
- Toeval, broadcast 13 March 2022
- Nederland in de prehistorie, broadcast 30 January 2022
- Depressie, broadcast 16 October 2021
- Muzikaliteit bij dieren, broadcast 16 May 2021
- Theologie en Wetenschap, broadcast 8 February 2021
- Complottheoriëen, broadcast 20 December 2020
- Science in Fiction, broadcast 13 December 2020

2019 – De Nederlandse Boekengids (DNBG)

- 'Orde in de chaos: over de vraag wat leven is', DNBG, 2021 issue #4 (book review/perspective) *https://www.nederlandseboekengids.com/20210825-renee-van-amerongen/*

- 'Aandacht voor de afweer', DNBG, 2021 issue #2 (book review/perspective)
  https://www.nederlandseboekengids.com/20201222-renee-van-amerongen/
- 'Een vervlochten stamboom? Wat DNA ons leert over het leven', DNBG, 2019 issue #5 (book review/perspective)
  https://www.nederlandseboekengids.com/20190830-renee-van-amerongen/

2015 – 2017 Amsterdam Science Magazine

- 'Then and now', 6th issue (perspective on the impact of 'On Growth and Form' by D'Arcy Wentworth Thompson)
- 'Flexibility', 3rd issue (column/opinion piece)
- 'Then and now', 1st issue (perspective on the impact of the Nobel-prize winning research of Jacob and Monod)

Other:

2018 Letters to a Pre-Scientist (pen pal to inspire school girls/boys about STEM topics)
2017 Skype A Scientist (video chat with a school class in Illinois, USA about science and cells)
2017 What's Next with Robbert Dijkgraaf in Tuschinski (Panel Discussion on the future of science, on the occasion of the 385th anniversary of the University of Amsterdam)
2017 Local organizer March For Science & contributor to the scientific program (poster on basic life sciences research in one of the 'teach-in tents' at the Museumplein, Amsterdam)
2016 Chair of the selection panel for the FameLab competition (Amsterdam heat)
2015 Interactive exhibit during the "Museumnacht" at NEMO Science Center on the use of fluorescence in biomedical research
2015 Participated in the BetaQuiz at the UVA Universiteitsdag

Media, Press and Publicity

TV:

2014 Arte TV, six-minute portrait broadcast throughout Europe as part of Arte's "Europortrait series" (http://www.vanamerongenlab.nl/arte/)

Radio & Podcasts:

2020 Radio Swammerdam, 4 October 2020
Borsten: Een biologisch en maatschappelijk ontwikkelend weefsel
https://soundcloud.com/swammerdam/borsten-een-biologisch-en-maatschappelijk-ontwikkelend-weefsel
2016 Wekker Wakker, Omroep Max, Radio 5 (30 Sep 2016)
Short interview about the buzz around Jennifer Doudna and CRISPR in the week before the announcement of the Nobel Prizes

Online:

2020 LSE impact blog (30 April 2020), "To drive innovation, scientists should open their doors to more equitable relations with the arts" by Paige Jarreau, featured as an example of how arts/science collaborations can inspire research (https://tinyurl.com/ycg8wzph)

Written press:

2021 Reformatorisch Dagblad (11 October 2021), "Borstkankerpatiënt kan rekenen op betere behandelmethodes" by Anne Vader, interviewed as part of breast cancer awareness week to comment on progress in breast cancer research
2020 Bionieuws (16 May 2020), "Nieuw type immuuncel ontdekt in borstkanaal" by Nina Wubben, interviewed to interpret the background and implication of the research of Jane Visvader
2019 Volkskrant (11 Jan 2019), "Die ene cel waardoor het hart zichzelf kan repareren... die bestaat niet" by Nienke Zoetbrood, interviewed to explain basics of stem cell research in a piece on the research of Hans Clevers
2016 Volkskrant (13 Feb 2016), "Het leven in eigen hand" by Maarten Keulemans, interviewed on the use of CRISPR genome editing technology in scientific research
2015 Parool (21 Feb 2015), "Het talent" by Jim Jansen, short profile on my career

Non-scientific Training and Achievements

Training:

2019	Workshop "Science Writing and Editing" with Ronald Veldhuizen (1 afternoon)
2014	Course "Cabaret 2.0" with Elisabeth Boor, de Theaterkamer (8 weeks)
2013	Course "Cabaret 1.0" with Elisabeth Boor, de Theaterkamer (8 weeks)
2013	Course "Liedschrijven" with Thijs Maas, Cultuurcentrum Griffioen (6 weeks)
2011	Workshop "Creative writing" with Sharon Bray, Stanford University School of Medicine (3 evenings)
2009	Screenwriting course "Writing for the movies" with Carl Yorke, Stanford University Continuing Studies (10 weeks)
2004 – 2007	Theater school "De Trap" (3 years of professional training, graduated in June 2007; teachers: Leon Voorberg, Bert Geurkink, Peter Eversteyn, Coney van Manen, Lidy Six, Truus de Selle, Michel van Dousselaere, Peter van Roermund and Feline Koolwijk)

Writing and editing (in English and Dutch):

2013 –	Freelance editing and translation (Dutch and English, ad hoc assignments)

Songwriting:

2014	'Pretty Small Place' & 'Odyssee' (album lyrics, Tazya, Dare)

Theater, TV & Film:

2017 – 2020	Text and lyrics advisor for cabaret/kleinkunst ('Deugzucht' by Marjolein De Graaff; season 2017-2018 and 2018-2019)
2014 – 2015	'Amsterdams Kleinkunst Festival' (text, songs & performance) (competition for the 'Wim Sonneveldprijs' 2015; audience award 3rd round)
2012	Winner 'best game design' and active screenwriting participant in the Entertainment Experience with Paul Verhoeven (including a television interview broadcast on national TV by Veronica)
2006 – 2011	Various speaking and non-speaking parts in theater plays in both the Netherlands and the United States (including 'De Sterkste' – directed by Hanneke Braam, 'l'Histoire du Soldat' – directed by Ileana Drinovan and 'Libation Bearers' – directed by Rush Rehm)

Languages & Skills

Dutch	native	
English	full professional proficiency in reading, speaking & writing	
German	reading: professional working proficiency; speaking/writing: limited working proficiency	
R	limited working proficiency	
Webpage	design and maintenance (HTML/CSS, WordPress)	
Flute	8 years classical training	
Piano	self-taught	
Writing	non-fiction:	book, TV & film reviews, popular non-scientific writing
	fiction:	prose, stage- and screenplays;
	songwriting:	lyrics