



# Renée van Amerongen

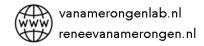
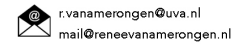
biomedical scientist

research

teaching

writing

speaking



## Profile

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

## Education

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

## Professional Appointments and Employment

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2020 – Group leader “Developmental, Stem Cell and Cancer Biology”  
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

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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

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### Leadership & Management:

- 2018 – Personal coaching
- 2016 – Peer consultancy (“intervisie”, 4-8 times per year)
- 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

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### Main applicant/PI:

- 2020 - 2024 ‘Dissecting the spatiotemporal dynamics of WNT/CTNNB1 signalling’ (NWO-ENW-Klein1, €304,102, project OCENW.KLEIN.169)
- 2017 - 2021 ‘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 - 2020 ‘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)

### 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)

### Co-applicant/Co-writer:

- 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)

### Grants and fellowships awarded to team members (selection):

- 2020 Stipends for a 6-month international research visit to the lab of Andres Lebensohn (Fulbright fellowship & Nijbakker-Morra Stichting, awarded to Saskia de Man)
- 2016 2-year Marie Curie Individual Fellowship (EU Horizon2020, awarded to Katrin Wiese)

*Additional Fundraising:*

- 2018 Raised over \$80,000 from various sources to run the 2018 Gordon Research Conference on Mammary Gland Biology (together with Christina Scheel)

**Invited talks**

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*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:*

- 2021 Gordon Research Conference on Wnt signaling (Spain, August 2021, scheduled)
- 2020 Annual meeting of the UK Genetics society, "Functional Regulatory Genomics and Disease" (Cardiff, UK, scheduled for November 2020, cancelled due to COVID-19)
- 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 6<sup>th</sup> 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 5<sup>th</sup> 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:*

- 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, Universitair Medisch Centrum Groningen (UMCG), 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 and Symposia

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### *Organization and chairing:*

- 2019 Gordon Research Conference on Wnt signaling  
(Stowe, VT, USA, session chair; August 2019)
- 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 Gordon Research Conference on Mammary Gland Biology (Stowe, VT, USA)  
(vice-chair of the meeting and session chair)
- 2016 Organizer and chair of the 8<sup>th</sup> ENBDC Workshop on mammary gland biology and breast cancer  
(12-14 May in Weggis, Switzerland)
- 2015 7<sup>th</sup> ENBDC Workshop on mammary gland biology and breast cancer  
(Weggis, Switzerland, session chair)
- 2014 KWF tumorcelbiologie (Lunteren, Netherlands, session chair)
- 2014 Gordon Research Conference on Mammary Gland Biology (Il Ciocco, Italy, session chair)

### *Oral presentations selected from abstracts:*

- 2014 KWF tumorcelbiologie (Lunteren, Netherlands, talk)  
"Dissecting the response of the mammary epithelium to elevated levels of Wnt/ $\beta$ -catenin 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 10<sup>th</sup> workshop on Innovative Mouse Models workshop (19-21 June 2019, Leiden, the Netherlands)  
"Building new mouse models for mammary gland biology"
- 2019 11<sup>th</sup> 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)

*Talks and poster presentations by lab members (selected highlights):*

- 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, Stowe, 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
- 2017 SILS research day (Amber Zeeman, poster prize)
- 2017 9<sup>th</sup> ENBDC Workshop on mammary gland biology and breast cancer (Weggis, Switzerland)  
posters (selected from abstracts) by Saskia de Man, Katrin Wiese and Amber Zeeman
- 2016 Wnt meeting (Brno, Czech Republic)  
talk & poster (selected from abstracts) by Anoeska van de Moosdijk
- 2016 8<sup>th</sup> ENBDC Workshop on mammary gland biology and breast cancer (Weggis, Switzerland) posters (selected from abstracts) by Nika Heijmans, Anoeska van de Moosdijk, Katrin Wiese and Amber Zeeman
- 2015 SILS research day (Nika Heijmans & Katrin Wiese, poster prize)
- 2015 7<sup>th</sup> ENBDC Workshop on mammary gland biology and breast cancer (Weggis, Switzerland)  
talk & poster (selected from abstracts) by Anoeska van de Moosdijk

## Scientific Publications

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

**van Amerongen R** (2021) 'Behind the scenes of the Human Breast Cell Atlas',  
*opinion piece/perspective/editorial*  
*in preparation for submission to the Journal of Mammary Gland Biology and Neoplasia*

Van de Grift YBC, Heijmans N, **van Amerongen R** (2020) 'How to use online tools to generate new hypotheses for mammary gland biology research: a case study for Wnt7b',  
*Biorxiv, doi: <https://doi.org/10.1101/2020.09.19.304667>*  
*accepted for publication in the Journal of Mammary Gland Biology and Neoplasia*

De Man SMA, Zwanenburg G, Hink MA\*, **van Amerongen R\*** (2020) 'Quantitative live-cell imaging yields novel insight into endogenous WNT/CTNNB1 signaling dynamics',  
*Biorxiv, doi: <https://doi.org/10.1101/2020.05.28.120543>*,  
*reviewed by eLife, reviews appended to the pre-print*  
*in preparation for new submission to eLife*

Karol Kaiser, Ahram Jang, Melody Jun, Jan Prochazka, Ondrej Machon, Michaela Prochazkova, Benoit Laurent, Daniel Gyllborg, **Renée van Amerongen**, Petra Kompanikova, Feizhen Wu, Roger Alistair Barker, Ivana Uramova, Radislav Sedlacek, Zbynek Kozmik, Ernest Arenas, Maria Lehtinen, and Vitezslav Bryja (2020), 'MEIS-WNT5A axis regulates development of 4th ventricle choroid plexus',  
*Biorxiv, doi: <https://doi.org/10.1101/2020.05.07.082370>*,  
*under review at Development*

## Research articles:

- 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, Lambooi 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/ $\beta$ -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, Januszyc 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, Lambooi 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:

- 2020 **van Amerongen R** (2020), 'Celebrating Discoveries in Wnt Signaling: How One Man Gave Wings to an Entire Field', *Cell*, Available online 31 March 2020, <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:*

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*:

 <http://dare.uva.nl/document/17683>

## Scientific collaborations

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*Local:*

- Dr. Gooitzen Zwanenburg (SILS, UvA); building computational models for WNT signaling and stem cells
- Dr.ir. Mark Hink (SILS, UvA); advanced microscopy, including FCS and N&B
- Dr. Marten Postma (SILS, UvA); quantitative image analysis, rapamycin-mediated protein translocation
- Dr. Aniko Korosi (SILS, UvA); effects of stress on mammary gland biology and function

*National:*

- 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:*

- Prof.dr. Ernest Arenas (Sweden) and dr. Vitezslav Bryja (Czech Republic); Wnt5a in brain development
- Dr. Ricardo Mallarino (Princeton, USA); Wnt5a in skin development
- Dr. Andres Lebensohn (NIH, USA); functional genetic screens in haploid cells

*Previous (since 2013):*

- Prof.dr. Roel Nusse (USA); outcome: publications in *Developmental Cell* (2016) and *Development* (2018)
- Dr. Jane Visvader (Australia); outcome: publication in *Methods in Molecular Biology* (2017)
- Dr. Anton Feenstra (Vrije Universiteit Amsterdam); outcome: publication in *Plos One* (2016)
- Prof.dr. Jos Jonkers (Netherlands Cancer Institute); outcome: publication in *Cell Reports* (2016)
- European Network for Breast Development and Cancer labs (ENBDC); outcome: publications in *Breast Cancer Research* (2015, 2016)
- Dr. John Stingl (UK); outcome: publication in *Breast Cancer Research* (2014)
- Dr. Daniel Peeper (Netherlands Cancer Institute); outcome: publication in *Cancer Research* (2014)

## Professional Memberships

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

## Teaching

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

### *Track coordination:*

- 2020 – Minor Biomedical Sciences: From basic biology to booming business  
 (offered (inter)nationally as an elective from academic year 2020 – 2021 onwards)  
 2015 – Frontiers in Medical Biology  
 (elective track for 3<sup>rd</sup> year BSc students Biomedische Wetenschappen)

### *Course coordination:*

- 2015 – 'Frontiers in Medical Biology I'  
 (3<sup>rd</sup> year BSc students Biomedische Wetenschappen)  
 2014 – 'Current Issues in Developmental Biology'  
 (1<sup>st</sup> and 2<sup>nd</sup> 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 3<sup>rd</sup> year BSc students, 'Frontiers in Medical Biology'  
 (started in 2015 – 2016)  
 2013 – 2014 Developed new elective course for 1<sup>st</sup> and 2<sup>nd</sup> 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)
- 2013 – BSc program ‘Biomedische Wetenschappen’ (UVA)  
BSc1: - Highlight college ‘Van mens tot molecuul’  
- Highlight college ‘Muismodellen’  
BSc2: - Molecular Systems Biology (honors program)  
- Cellulaire Oncologie  
BSc3: - Genregulatie  
- Frontiers in Medical Biology I  
- Frontiers in Medical Biology II  
- Advanced Genomics I  
- Advanced Genomics II
- BSc program ‘beta/gamma’ (UVA)  
BSc1: - Keerpunten in de Natuurwetenschappen
- 2013 – 2019 MSc program ‘Biomedical Sciences’ (UVA)  
MSc1: - Clinical Cell Biology (Cell Biology and Advanced Microscopy & Oncology tracks)
- 2013 – 2018 BSc program ‘Biomedical Sciences’ (UVA)  
BSc3: - Moleculaire Medische Biologie

*Guest lecturer:*

- 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, 3<sup>rd</sup> year medical students, research minor ‘Biomedical Research in Practice’, coordinator: Dr. Derk ten Berge)

## Mentoring

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2013 –	Supervising postdocs, PhD students, technicians & BSc/MSc internship 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:

Saskia de Man	PhD student	09/2016 – present
Yorick van de Grift	PhD student	02/2017 – present
Tanne van der Wal	PhD student	10/2019 – present
Ingeborg Hooijkaas	technician	10/2020 – present
Zino Groen	MSc student	01/2020 – present
vacancy	UD/staff scientist	recruiting
vacancy	PhD student	recruiting

<i>Alumni:</i>		<i>when:</i>	<i>next career step:</i>
Larissa Mourao	postdoc	01/2018 – 04/2020	Lab manager, VIB-KU Leuven
Amber Zeeman	technician	11/2013 – 04/2020	Research Assistent at TNO
Katrin Wiese	postdoc	01/2015 – 12/2019	
Nika Heijmans	PhD student	10/2014 – 10/2019	
Anoeska van de Moosdijk	PhD student	03/2014 – 12/2018	management assistant, UVA

<i>Visiting scientists</i>	<i>when:</i>	
Cátia Rodrigues Pereira	2017	Erasmus Exchange student from Portugal
Tanne van der Wal	2017	junior guest researcher

<i>MSc internship students</i>	<i>when:</i>	<i>went onto:</i>
Rianne Schoon	2018 – 2019	internship at AMC, Amsterdam, the Netherlands
Sanne Lith	2017 – 2018	internship at Max Planck, Münster, Germany
Isabel Morena	2017 – 2018	internship at NKI, Amsterdam, the Netherlands
Katja Klooster	2017 – 2018	Science and Society major, VU
Lieve Oudejans	2016 – 2017	internship at Oxford University, UK
Francesca Catto	2015 – 2016	internship at PRBB (IMIM), Barcelona, Spain
Lotte Hofstee	2015 – 2016	internship at Sanquin, Amsterdam
Jelte Hermans	2015 – 2016	Tesla minor, UVA
Bastiaan van den Berg	2014 – 2015	internship at Rockefeller University, USA
Saskia de Man	2014 – 2015	internship at CNRS, Paris, France
Anika Bongaarts	2014 – 2015	PhD student at AMC, Amsterdam

<i>BSc internship students</i>	<i>when:</i>	<i>went onto:</i>
Femke Mol	2019 – 2020	MSc Biomedical Sciences, UVA
Kyah van Meegenen	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 Cincinnati, USA
Tessa Hemrika	2013 – 2014	MSc Biomedical Sciences, UVA

## Service

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### *Boards and committees:*

- 2020 – Executive board member “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)
- 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)

### *Institutional service:*

- 2020 – Klankbordgroep Evaluatie Tenure Track beleid
- 2020 Member of the BAC (appointment advice committee) for the new SILS director
- 2017 Klankbordgroep Leiderschap voor Wetenschappelijk Personeel
- 2015 – Twice a year I give a 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

### *PhD thesis committees (external):*

- 2020 Member of the thesis committee of Jeffrey van Senten  
Vrije Universiteit (VU) Amsterdam (PI: Dr. Martine Smit, 9 November 2020)
- 2019 External evaluator for the PhD thesis of Johanna Wagner  
University of Zürich, Switzerland (PI: Dr. Bernd Bodenmiller)
- 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)
- 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)  
Member of the thesis committee of Azra Mujic-Delic
- 2015 Vrije Universiteit (VU) Amsterdam (PI: Dr. Martine Smit)  
Member of the thesis defense committee of Elvira Bakker
- 2012 Erasmus University Rotterdam (PI: Dr. Ron Smits)

### *PhD thesis committees (internal):*

- 2019 Member of the thesis committee of Harm van Andel  
(PI: Dr. Steven Pals, AMC – University of Amsterdam, 25 April 2019)
- 2018 Member of the thesis committee of Blaise Weber  
(PI: Dr. Maike Stam, SILS, FNWI – University of Amsterdam)
- 2015 Member of the thesis committee of Marco Lezzerini  
(PI: Dr. Yelena Budovskaya, SILS, FNWI – University of Amsterdam)

*Reviewing (grant agencies and institutions):*

- 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 (candidate selection)
- 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, Dorothy Hodgkin Fellowships), Wellcome Trust (UK), Breast Cancer Now (UK),

*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' focusing 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)

*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

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### 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 developmental, stem cell & cancer biology artist-in-residence program  
2021: Dutch poet Rosa Schogt
- 2020 'Playing with science' (case holder for a research project of artists/designers 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:

- 2020 KNCV (Royal Netherlands Chemical Society), webinar on CRISPR/Cas9 genome editing (*webinar, 28 October 2020*)
- 2020 Chemische Kring Rotterdam 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 33<sup>rd</sup> NIBI conference 'Evolutie in Actie' for high school biology teachers from all over the Netherlands (12 January 2019)
- 2015 Talk at SPUI25 (part of VSNU U-meet in the week prior to "Weekend van de Wetenschap" ("Biologie in de 21<sup>e</sup> eeuw: Het verborgene zichtbaar maken"))
- 2015 Wakker Worden Kinderlezing at the NEMO Science Center ("Hoe werkt zonnebrandcrème?", kids lecture)

### Popular Scientific Writing:

- 2020 – Radio column (~bi-monthly), Radio Swammerdam  
(wekelijks radioprogramma over wetenschap, elke zondag live van 11:00-12:00 op Radio Salto)
- Science in Fiction, broadcast 13 December 2020
  - Complottheoriën, broadcast 20 December 2020
- 2019 – De Nederlandse Boekengids
- 'Aandacht voor de afweer', DNBG, 2020 online (book review) <https://www.nederlandseboekengids.com/20201222-renee-van-amerongen/>
  - 'Een vervlochten stamboom? Wat DNA ons leert over het leven', DNBG, 2019 #5, (book review/perspective) <https://www.nederlandseboekengids.com/20190830-renee-van-amerongen/>

- 2015 – 2017 Amsterdam Science Magazine
- 'Then and now', 6<sup>th</sup> issue (perspective, on the impact of 'On Growth and Form' by D'Arcy Wentworth Thompson)
  - 'Flexibility' (column/opinion piece), 3<sup>rd</sup> issue
  - 'Then and now', 1<sup>st</sup> 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 385<sup>th</sup> 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

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*TV:*

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

*Radio:*

- 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:*

- 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, Achievements & Skills

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### 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 – 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 3<sup>rd</sup> 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:

- Dutch (native)
- English (full professional fluency in reading and writing)
- German (intermediate)
- R (beginner)

### Skills:

- Webpage design and maintenance (HTML/CSS, WordPress)
- Flute (8 years classical training)
- Piano (self-taught)
- Non-fiction writing (book, TV & film reviews, popular non-scientific writing)
- Fiction writing (prose, stage- and screenplays)
- Songwriting (lyrics and music)