

Saskia Hendriks

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EDUCATION

- 11/2017 **Ph.D.**, Faculty of Medicine, University of Amsterdam.
 Towards the responsible clinical implementation of stem cell-
 based fertility treatments.
- 5/2017 **M.D.**, University of Amsterdam.
- 7/2012 **BSc** Liberal Arts and Sciences, Amsterdam University College (*summa
cum laude*)

PROFESSIONAL APPOINTMENTS

National Institutes of Health

- 9/2019-present **Bioethicist (Faculty)**, Department of Bioethics, Clinical Center
- 9/2019-present **Neuroethics Consultant (Faculty)**, Neuroethics Program, Office of the
Director, The National Institute of Neurological Disorders and Stroke
- 9/2017-8/2019 **Postdoctoral fellow**, Department of Bioethics, Clinical Center
Detail: Neuroethics Program, Office of the Director,
The National Institute of Neurological Disorders and Stroke

PUBLICATIONS

Refereed journal articles

Hendriks S, van Wely M, D'Hooghe TMSH, Mol F, Meissner A, Peeraer K, Repping S, Dancet EAF. The relative importance of genetic parenthood. *Reproductive Biomedicine Online*, 2019;39(1):103-110.

Hendriks S, Pearson SD. A proposed framework for strengthening regulatory review of innovative reproductive techniques in the United States. *Fertility and Sterility Dialogue*, 2018, e-pub September 19.

Van Dijke I, Bosch L, Bredenoord AL, Cornel M, Repping S, **Hendriks S**. The ethics of clinical applications of germline genome modification: a systematic review of reasons. *Human Reproduction*, 2018;33(9):1777-1796.

Hendriks S, Giesbertz NAA, Bredenoord AL, Repping S. Reasons for being in favor of or against genome modification: a survey of the Dutch general public. *Human Reproduction Open*, 2018;3: 1-12.

Hendriks S, Vliegthart R, Repping S, Dancet EAF. Broad support for regulating the clinical implementation of future reproductive techniques. *Human Reproduction*, 2018; 33(1): 39-46.

Hendriks S, Peeraer K, Bos H, Repping S, Dancet EAF. The importance of genetic parenthood for infertile men and women. *Human Reproduction*, 2017;39(10):2076–2087.

Hendriks S, Dancet EAF, Vliegthart R, Repping S. The acceptability of stem cell-based fertility treatments for various indications. *Molecular Human Reproduction*, 2017;23(12):855-863.

Hendriks S, Hessel M, Mochtar MH, Meissner A, F van der Veen F, Repping S, Dancet, EAF. Couples with non-obstructive azoospermia are interested in future treatments with artificial gametes. *Human Reproduction*, 2016;31 (8):1738-1748.

Hendriks S, Dancet EAF, van Pelt AM, Hamer G, Repping S. Artificial gametes: a systematic review of biological progress towards clinical application. *Human Reproduction Update*. 2015;21(3):285-296

Hendriks S, Dondorp W, de Wert G, Hamer G, Repping S, Dancet EAF. Potential consequences of clinical application of artificial gametes: a systematic review of stakeholder views. *Human Reproduction Update*. 2015;21(3):297-309.

Hendriks S, Dancet EAF, Meissner A, van der Veen F, Mochtar MH, Repping S. Perspectives of infertile men on future stem cell treatments for non-obstructive azoospermia. *Reproductive Biomedicine Online*. 2014;28(5): 650–657.

RESEARCH GRANTS AND FELLOWSHIPS

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| 2017 | Postdoctoral Fellowship, Department of Bioethics, Clinical Center, National Institutes of Health, Bethesda, MD. |
| 2016 | Ph.D. scholarship, Amsterdam Reproduction & Development, Amsterdam, the Netherlands. [Funding for a Ph.D. student, Ms. van Dijke, 2017-2021. Co-writer of application and primary supervisor on two projects] |
| 2016 | Project funding for interdisciplinary research (€10.000), Young Academy, Royal Netherlands Academy of Arts and Sciences. |
| 2016 | Ph.D. Grant (£3.000), Parkes Foundation, University of Cambridge, Cambridge, UK. [Project funding] |
| 2015 | Project funding for interdisciplinary research (€8.000), Young Academy, Royal Netherlands Academy of Arts and Sciences. |
| 2013 | MD-PhD scholarship, Academic Medical Center, University of Amsterdam. |

AWARDS AND HONORS

- 2017 Medical License, Dutch Ministry of Health, Welfare and Sport, BIG registration number: 59922581001
- 2016 Clinical Investigator License, Dutch Federation of Academic Medical Centers
- 2016 Visiting Scholar at Brocher Foundation (1 month).
- 2015 Best poster pitch award, the European MD/Ph.D. Association.

ORAL PRESENTATIONS AS INVITED SPEAKER

- 2019 Ethical challenges in research with invasive and non-invasive neural devices in humans. 7th Annual Neuroscience Virtual Conference, March 13.
- 2019 Neuroethics: An Essential Partner for Neuroscience. 7th Annual Neuroscience Virtual Conference, March 13.
- 2019 Stem cell therapies for infertility and the importance of genetic parenthood. Bioethics Rounds McGill University, January 28, Montreal.
- 2018 The importance of genetic parenthood for infertile men and women. 22nd Thai Society of Reproductive Medicine Annual Scientific Meeting, March 15th, Bangkok.
- 2018 Artificial gametes: stakeholders' perspectives on clinical introduction. 22nd Thai society of Reproductive Medicine Annual Scientific Meeting, March 15th, Bangkok.
- 2017 The clinical introduction of stem cell-based fertility treatments. *Keynote Speaker* at 19th World Congress on In Vitro Fertilization, October 4th, Antalya.
- 2017 Introduction of novel techniques into the practice: Lessons from the past, recommendations for tomorrow. 19th World Congress on In Vitro Fertilization, October 4th, Antalya.
- 2017 Artificial gametes: stakeholders' perspectives. Ethics and Regulation of In Vitro Gametogenesis, September 14th, London.
- 2017 Artificial gametes to overcome infertility. European Society of Human Reproduction and Embryology, July 2nd, Geneva.
- 2017 Germline modification: stakeholders' perspectives. Dutch-Flemish IGO conference April 4th, Rotterdam.
- 2017 Will artificial gametes restore fertility? Oral presentation at Best of ASRM and ESHRE, February 24th, Paris.
- 2016 Negotiating research methods for studying public perspectives on innovative technologies. Public participation in ethical, social and health policy issues of new genomic technologies, December 8th, Geneva.
- 2016 Artificial gametes: progress from biological research towards clinical application. Nordic IVF Laboratory Society Meeting, August 26th, Gothenburg.
- 2016 Artificial gametes. 2nd Lucerne Fertility Symposium, May 21st, Lucerne.
- 2016 Clinical implementation of stem cell-based fertility treatments: biological progress and stakeholders' perspectives. Oral presentation at Brocher Foundation, February 4th, Geneva.
- 2015 Artificial gametes: biology, implications, and patient perspectives. European Society of Human Reproduction and Embryology, June 15th, Lisbon.

- 2015 Why couples with non-obstructive azoospermia (NOA) would use artificial gametes. Dutch Society of Obstetrics and Gynecology, May 28th, Apeldoorn.
- 2013 Perspectives of infertile men on future stem cell treatments for non-obstructive azoospermia (NOA). Artificial Gametes Conference, September 12, Maastricht.

ORAL PRESENTATIONS OF ABSTRACTS

- 2013 Perspectives of infertile men on future stem cell treatments for non-obstructive azoospermia (NOA). Oral presentation at European Society of Human Reproduction and Embryology, July 9th, London.

POSTER PRESENTATIONS OF ABSTRACTS

- 2019 Ethical issues in human research with invasive and non-invasive neural devices. International Neuroethics Society, October 16, Chicago.
- 2019 Neuroethics: An essential partner to enhance the NIH brain initiative. Society for Neuroscience, October 19, Chicago. [third author]
- 2018 A prioritized global research agenda following systematic review of evidence addressing fertility care and infertility interventions. American Society of Reproductive Medicine, October 6, Denver.
- 2017 The importance of genetic parenthood for infertile men and women. European Society of Human Reproduction and Embryology, July 2nd, Geneva.
- 2016 The general public's opinion on stem cell-based fertility treatments: who should decide and on what? European Society of Human Reproduction and Embryology, June 3rd, Helsinki.
- 2015 The interest of gynecologists in potential future fertility treatments involving artificial gametes for couples with ovarian failure. European Society of Human Reproduction and Embryology, June 15th, Lisbon.
- 2015 Why couples with non-obstructive azoospermia (NOA) would use artificial gametes. European MD-PhD conference, June 6th, Groningen.
- 2014 Stem cell-based therapies for non-obstructive azoospermia: key treatment characteristics according to infertile couples. European Society of Human Reproduction and Embryology, June 29th, München.

SEMINARS GIVEN

- 2019 The importance of genetic parenthood. Mid-Atlantic Regional Fellows Conference, University of Pennsylvania, May 6, Pennsylvania.
- 2019 Stem cell therapies for infertility and the importance of genetic parenthood. NIH Bioethics Interest Group, June 3, National Institutes of Health, Bethesda.
- 2018 Novel reproductive technologies and the value of genetic parenthood. NIH Reproductive Endocrinology and Infertility, December 18, National Institutes of Health, Rockville.
- 2018 Stem cell-derived gametes: stakeholders' perspectives on clinical introduction

- NICHD on reproductive health, National Institutes of Health, April 18, Maryland.
- 2018 Annual report: Bioethics Clinical Center consultation service. National Institutes of health ethics committee meeting, April 9th, Bethesda.

TEACHING AND MENTORING

- 2018 Taught class for summer interns at National Institutes of Health
- 2017-2021 Supervised Ph.D. student Ms. Ivy van Dijke.
- 2017 Taught class for clinicians in national medical subspecialty training in clinical genetics.
- 2015-2017 Supervised 2 bachelor students' theses.
- 2012 Student assistant, mentoring first-year students at Amsterdam University College.

BIOETHICS CONSULTATION SERVICE

- 2018-2019 Fellow-on-call, Clinical Center, National Institutes of Health.
- 2017-2018 Observer, Clinical Center, National Institutes of Health.

SERVICE TO PROFESSION

- 2019 Moderator, Panel on Data-sharing and Neuro-privacy, Global Neuroethics Summit, September 27, Daegu.
- 2017 Advisor for 'a durable biotechnology policy' to the Dutch Ministry of Environment and Water Management, The Hague.
- 2016 Committee on Corporate Social Responsibility: affordable and sensible care, Academic Medical Center, Amsterdam.
- 2015 Secondment: development of infertility guidelines and a global prioritized research agenda (1.5 months). Department of Reproductive Health and Research, World Health Organization, Geneva.
- 2015- Reviewer for academic journals (Human Reproduction Update, Perspectives in Biology and Medicine).
- 2010-2011 Board of Studies, Amsterdam University College, Amsterdam

PROFESSIONAL DEVELOPMENT ACTIVITIES

- 2019 Global Neuroethics Summit, September, Daegu.
- 2019 Engagement in Neuroethics (2-day workshop), Uppsala.
- 2019 The 5th Annual BRAIN Initiative Investigators Meeting, Washington.
- 2019 Grant Writing 101. National Institutes of Health, Office of Intramural Training and Education.
- 2018 Science Policy Discussion Group, National Institutes of Health, Bethesda.
- 2018-2019 Neuroethics Working Group of the BRAIN Initiative (meetings).
- 2018 Applying Adaptive Governance to Emerging Technologies in Health (3-day workshop), Geneva.

- 2018 Leadership Series: Workplace Dynamics I-V. National Institutes of Health, Office of Intramural Training and Education.
- 2018 Annual meeting International Neuroethics Society, San Diego.
- 2018 Mid-Atlantic Regional Fellows (conference), Bethesda.
- 2017-2019 Joint Bioethics Colloquium (seminar series), NIH Department of Bioethics, The Kennedy Institute of Ethics, and the Philosophy Departments of George Washington University and the University of Maryland, Bethesda.
- 2017-2018 Bioethics First Year Fellows' Seminar (1-year weekly seminar series), NIH Department of Bioethics, Bethesda.
- 2017 Ethical and Regulatory Aspects of Clinical Research (course), National Institutes of Health, Bethesda.
- 2017 American Society for Bioethics and Humanities annual meeting, Kansas City.
- 2017 Professional performance and accountability (training), Academic Medical Center, Amsterdam.
- 2016 Basic course on Regulations and Organization for clinical investigators.
- 2015 Ethical, Legal and Social Issues in ART (summer school), Brocher Foundation, Geneva.
- 2015 Entrepreneurship in Health and Life Sciences (course), Academic Medical Center, Amsterdam.
- 2014 Qualitative Health Research (course), Academic Medical Center, Amsterdam.
- 2014 Clinical Data Management (course), Academic Medical Center, Amsterdam.

MEDIA COVERAGE

Multiple interviews in international and national magazines (*Focus on Reproduction*, *VICE Motherboard*, *Fuentes documentary*, *Folia*, *AMC magazine*, *Kennis van Nu*).

LANGUAGES

Dutch (native), English (fluent), French (can read with dictionary), Spanish (can read with dictionary), German (can read with dictionary).