

Curriculum Vitae Rob de Vries

Personal information

Name : de Vries, Rob Bernardus Maria
First name
Address
Postal code
City
Phone number
Date of birth
Place of birth

Education

2009: Doctorate in Philosophy (Ph.D.), Faculty of Science, Radboud University Nijmegen.
1999: Master's degree in Philosophy (M.A.), Radboud University Nijmegen (*cum laude*).
1997: Master's degree in Biology (M.Sc.), Radboud University Nijmegen (*'met genoegen'; with honours*).
1992: Diploma Gymnasium; Sint Willibrord Gymnasium in Deurne.

Postgraduate education (selection)

2019: 'Direct your own career path' (GITP; assessment)
2013: Project management (Schouten & Nelissen)
2012: Training School Experimental Design Animal Experiments (FRAME)
2012: Startkwalificatie Onderwijs (RU)
2011: Time management (UMC St Radboud)
2010: Systematic Reviews and Meta-analysis (VU)
2004: Didactics (RU)
2004: Writing Scientific English (RU)

Positions

2011-: Scientific researcher (permanent position) at Systematic Review Centre for Laboratory Experimentation (SYRCLE), Department for Health Evidence, Radboud University Nijmegen Medical Centre.
2015-2020: Research fellow (part-time secondment) at Evidence-based Toxicology Collaboration (EBTC), Johns Hopkins Bloomberg School of Public Health, Baltimore (USA).
2009-2011: Postdoctoral researcher at the 3R Research Centre, Central Animal Facility (CDL), Radboud University Nijmegen Medical Centre. Project "Systematic reviews of animal research" (funded by ZonMw Dierproeven Begroeiing II).

- 2007-2009: Postdoctoral researcher at the Department of Ethics, Philosophy and History of Medicine, Radboud University Nijmegen Medical Centre. Project "Ethical issues in tissue engineering" (funded by Dutch Program Tissue Engineering).
- 2007: Researcher for the consultancy firm Schuttelaar & Partners (The Hague). Project "Religious views on biotechnology" (assigned by the Dutch National Committee on Genetic Modification).
- 2000-2006: Junior researcher (Ph.D. student) at the Department of Philosophy and Science Studies, Faculty of Science, Radboud University Nijmegen & Centre for Ethics, Radboud University Nijmegen. Project "Ethics of the genetic engineering of laboratory animals."
- 1999-2000: Junior researcher at the Department of Philosophy and Science Studies, Faculty of Science, Radboud University Nijmegen. Science & Society-project "The *Minerva*-debate on science policy."

Management

- Operational manager SYRCLE (2016-)
 - manage budget and project assignment personnel
 - coordinate acquisition activities
 - prepare and chair staff meetings
 - prepare and co-lead strategic meetings
 - prepare evaluation report performance SYRCLE (2017-2019) for Executive Board Radboudumc
 - support move SYRCLE from CDL to Department for Health Evidence (2016-2017)
- Chair Scientific Advisory Council Evidence-based Toxicology Collaboration (2015-2020)
 - Member Board of Trustees (vice-chair 2015-2016)
 - Coordinator organization two international workshops on evidence-based methods and adverse outcome pathways: Hamilton (Canada), 12 June 2019 (34 participants) & Parma (Italy), 2-3 October 2019, in collaboration with EFSA (40 participants)
 - Member of the Organizing Committee of Joint EFSA & EBTC Colloquium "Evidence integration in risk assessment: the science of combining apples and oranges" (Lisbon 2017)
 - Coordinator update Good Cell Culture Practice (2018-2019).
- Project manager SYRCLE (2012-)
 - manage (application for) tenders of European Food Safety Authority (EFSA; Parma, Italy) "Trainings in Systematic Reviews or in specific steps of systematic reviews for EFSA Risk Assessment" (2016-2018) and "Training in Collecting, Appraising and Synthesising Evidence for EFSA scientific assessments" (2018-2020)
 - manage (application for) project funded by European Commission (DG Environment, Brussels) "Promoting alternatives to animal testing through the development of eLearning tools to facilitate uptake of non-animal alternatives" (2018-2020)
 - manage contribution of SYRCLE, EBTC and Health Canada to H2020 application for call SC1-BHC-11-2020 (budgets for all 3 partners, coordinate text and partners work package 7)
 - member Organizing Committee 1st and 4th International Symposium on Systematic Review and Meta-Analysis of Laboratory Animal Studies (Nijmegen 2012 and NIEHS (North Carolina) 2017)

- manage (application for) projects funded by Netherlands Organisation for Health Research and Development (ZonMw) “In-house workshops and coaching in systematic reviews of animal studies” (2015-2021) and “Promoting 'synthesis of evidence' in the field of animal experimentation. Workshops and coaching” (2013-2015)
 - coordinator SYRCLE workshops on systematic reviews of animal studies in the Netherlands and abroad (2012-present; e.g. Belgium, Switzerland, Norway, Denmark, Finland, Italy, Spain, UK, USA, Brazil)
- Member management team Central Animal Facility (2015-2016)
- Representative SYRCLE
 - Chair CDL’s internal policy advisory council (Kernteam/CAR)
 - Review of performance CDL’s Animal Welfare Body
 - co-develop business plan educational activities SYRCLE

Research

- Scientific researcher (2000-)
- Conducted and/or supervised more than 30 systematic reviews (SRs) of animal and in vitro studies
 - Conducted philosophical/ethical research, notably in the fields of the ethics of animal experimentation, the ethics of tissue engineering and meta-ethical fallacies
 - Veni application ‘Promoting the implementation of systematic reviews of animal experiments. An empirical-ethical study into the roles and responsibilities of biomedical researchers and ethics committees’ (2011; reached interview stage)
- Member Ethics Committees
- Animal Ethics Committee TNO (2011)
 - Animal Ethics Committee Radboud University Nijmegen (2003-2005)

Publications (selection; full list of >40 publications available upon request)

- Hartung T, **De Vries R**, Hoffmann S, Hogberg HT, Smirnova L, Tsaion K, Whaley P, Leist M. Toward Good In Vitro Reporting Standards. *ALTEX*. 2019;36(1):3-17. doi: 10.14573/altex.1812191.
- de Vries, Rob**, & Whaley, Paul. (2018). In Vitro Critical Appraisal Tool (IV-CAT): Tool Development Protocol (Version 1.0.0). Zenodo.
- Hooijmans CR, **de Vries RBM**, Ritskes-Hoitinga M, Rovers MM, Leeflang MM, IntHout J, Wever KE, Hoofst L, de Beer H, Kuijpers T, Macleod MR, Sena ES, Ter Riet G, Morgan RL, Thayer KA, Rooney AA, Guyatt GH, Schünemann HJ, Langendam MW; GRADE Working Group. Facilitating healthcare decisions by assessing the certainty in the evidence from preclinical animal studies. *PLoS One*. 2018 Jan 11;13(1):e0187271. doi: 10.1371/journal.pone.0187271.
- Hoffmann S., **R.B.M de Vries**, M.L. Stephens, N.B. Beck, H.A.A.M. Dirven, J.R. Fowle 3rd, J.E. Goodman, T. Hartung, I. Kimber, M.M. Lalu, K. Thayer, P. Whaley, D. Wikoff, K. Tsaion. 2017. ‘A primer on systematic reviews in toxicology’ *Archives of Toxicology* 91(7):2551-2575.
- Golbach LA, Portelli LA, Savelkoul HF, Terwel SR, Kuster N, **de Vries RBM**, Verburg-van Kemenade BM. (2016) Calcium homeostasis and low-frequency magnetic and electric

field exposure: A systematic review and meta-analysis of in vitro studies. *Environ Int.* 92-93:695-706.

de Vries, R.B.M., C.R. Hooijmans, M. Langendam, J. van Luijk, M. Leenaars, M. Ritskes-Hoitinga & K. Wever. 2015. 'A protocol format for the preparation, registration and publication of systematic reviews of animal intervention studies' *Evidence-based Preclinical Medicine* 2(1): 1-9.

de Vries, R.B.M., K.E. Wever, M.T. Avey, M.L. Stephens, E.S. Sena & M. Leenaars. 2014. 'The usefulness of systematic reviews of animal experiments for the design of preclinical and clinical studies' *ILAR Journal* 55(3): 427-437.

de Vries, R.B.M., M. Leenaars, J. Tra, R. Huijbregtse, E. Bongers, J.A. Jansen, B. Gordijn & M. Ritskes-Hoitinga. 2013. 'The potential of tissue engineering for developing alternatives to animal experiments. A systematic review' *Journal of Tissue Engineering and Regenerative Medicine*. DOI: 10.1002/term.1703.

International presentations (selection; full list available upon request)

- Opening speaker OECD workshop Systematic Reviews in the scope of the endocrine disruptors testing and assessment (EDTA) Conceptual Framework Level 1 (Paris, 24 October 2018).
- Invited speaker 4th International Symposium on Systematic Review and Meta-Analysis of Laboratory Animal Studies. "Implementing the Systematic Review Approach in Non-Clinical Fields: The Importance of Education" (NIEHS, Research Triangle Park, North Carolina; 24 August 2017)
- Invited speaker ZonMw meeting 'Niet (meer) doen' on funding of complementary & alternative medicine. "Zou ZonMw moeten stoppen met het financieren van proefdieronderzoek?" (Den Haag, The Netherlands, 2016).
- Oral presentation "Systematic reviews of animal experiments. Linking science and ethics" Minding Animals. (Utrecht, the Netherlands, 2012).
- Keynote speaker scientific workshop Committee for Advanced Therapies (European Medicines Agency). "Reducing the number of laboratory animals used in tissue engineering research" (London, UK, 11 October 2012).
- Invited speaker ICLAS Conference. "The value of systematic reviews of animal studies in theory and in practice" (Istanbul, Turkey, 2011).
- Oral presentation "The impact of tissue engineering on laboratory animals – an ethical assessment" 22nd Conference of the European Society for Philosophy of Medicine and Healthcare. (Tartu, Estonia, 2008).

Teaching (selection)

- Main trainer in over 25 (one-day or two-day) hands-on trainings in systematic reviews of animal and in vitro studies, also for the European Food Safety Authority and the Joint Research Centre (EURL-ECVAM) of the European Commission (2012-)
- Main teacher and vice-coordinator minor "Translating animal research into clinical benefit" (2015-)
- Main trainer and (co-)organizer Radboud Summer School one-week course "Promoting Responsible Use of Animals in Biomedical Research - Systematic Reviews of Animal Studies" (2015-2016)

- Lecture and tutorial on the ethical aspects of animal experiments in the course 'Science & Society' (Master Molecular Mechanisms of Disease, Radboudumc; 2017-), course 'Ethics of medical research' (Master Philosophy, Bioethics & Health, VU; 2015-2018), course 'Thinking critically about science' (Radboudumc; 2017-2018) and course Laboratory Animal Science (Central Animal Laboratory Nijmegen; 2003-2005 and 2009-2013).
- Main teacher bachelor course Ethics and Philosophy of the Biomedical Sciences (Radboud University Nijmegen Medical Centre; 2008).
- Various lectures and tutorials for Medical and Biomedical Sciences students on philosophical and ethical aspects of Medicine and the Biomedical Sciences (e.g. on the mind-body problem, philosophy of science, patenting of genes, preimplantation diagnosis and euthanasia; 2007-2009).
- Various lectures for Science students, e.g. on the ethics of the genetic engineering of animals, the ethics of animal experimentation, environmental ethics, philosophy of nature (teleology) and logic (1996-2005).

Scholarships

1997-1998 Scholarship Ethics from Radboudstichting Wetenschappelijk Onderwijsfonds.

Language skills

Dutch	native language
English	proficient (Oxford Online Placement Test; CEFR level C2)
German	basic

Nijmegen, 15 November 2020