Curriculum Vitae
March 2016

Last name, First name: Vermeire, Theo **Gender**: M

Nationality: NL

Overall Scientific Expertise:
Theodorus Gabriël (Theo) Vermeire (1953) started his career in risk assessment as toxicologist contributing to projects of the WHO/IPCS and UNEP International Register of Potentially Toxic Chemicals. In 1987, he was employed by the RIVM in Bilthoven, the Netherlands, and subsequently served in several scientific and managerial functions up to this day. Major expertises are biochemistry, general human toxicology, human and environmental exposure assessment and modelling, risk assessment and uncertainty analysis of chemicals, chemicals testing strategies and regulatory toxicology. Major projects were the development of the Netherlands' Uniform System for the Evaluation of Substances (industrial chemicals, plant protection products and biocides), the European Union System for the Evaluation of Substances (industrial chemicals and biocides) and OSIRIS, an FP6 project on Integrated Testing Strategies. He has been involved in many expert groups developing guidances and tools for risk assessment. He has been actively involved in training courses in risk assessment and was co-editor of the widely used handbook in risk assessment '*Risk assessment of chemicals: an introduction' (Springer)*. He presently is head of the Department of Nanotechnology, Occupational Health and Transport Safety within the RIVM Centre for Safety of Substances and Products.

Professional Experience
[Starting with your present occupation, list in reverse chronological order each activity in which you have been engaged. Please copy and paste more rows if needed.]

Years employed from – to	Title of position	Employer – name and location	Areas of professional specialization♠
2013-present	Head of Department of Nanotechnology, Occupational Health and Transport Safety of the Centre for Safety of Substances and Products / senior scientist	National Institute of Public Health and the Environment (RIVM), Bilthoven, The Netherlands	Toxicology, alternative methods, testing strategies for chemicals, exposure assessment, exposure modelling, uncertainty analysis, risk assessment and management, regulatory toxicology , integration of risk assessment methodology, teachings in risk assessment, general and project management
2006-2012	Deputy Head Expertise Centre for Substances (SEC)	National Institute of Public Health and the Environment (RIVM), Bilthoven ,The Netherlands	idem
1992 – present	Head of a department of SEC	RIVM	idem
1987 – 1992	Senior scientific officer	RIVM	idem

1982 – 1987	Scientific officer	Directorate-General of Environment, The Hague, The Netherlands	Toxicology, exposure assessment, risk assessment, regulatory toxicology, (eco)toxicological data management,
1979 – 1982	Teacher chemistry	Ministry of Education, Lusaka, Zambia	Chemistry, Theory of Education

♠[*For example*: toxicology (alternative methods, carcinogenesis, endocrine, immunotoxicity, occupational, exposure assessment, genotoxicity, etc.), chemistry (atmospheric, medicinal, peptide, etc.), physics (biophysics, EMF radiation, noise, etc.), engineering (genetic, environmental, medical, etc.), biology (antimicrobial resistance, biophysics, biotechnology, etc.), medicine (allergies, neurology, etc.), epidemiology (clinical, genetic, cancer, etc.) environmental science (air quality, waste treatment, climate change, ecology, etc.), biostatistics, pharmacokinetics, medical technologies, nanoscience, etc…]

Educational Background

[Starting with the most recent, please provide the details of your post-secondary education and/or professional training (e.g. university or its equivalent, postgraduate, postdoctoral). Please copy and paste more rows if needed.]

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialization*
2009	PhD	University of Utrecht, Institute of Risk Assessment Sciences	(Integrated) risk assessment, regulatory toxicology, uncertainty analysis, effects and exposure modelling,
1978	Drs (MSc)	University of Utrecht	General chemistry, biochemistry, agricultural chemistry, toxicology

*[*For example*: chemistry (analytical, organic, etc.), physics (thermodynamics, nuclear, etc.), engineering (mechanical, electrical, chemical, civil, etc.), biology (microbiology, molecular, etc.), medicine (dermatology, oncology, etc.), environmental science, pharmacology, toxicology, etc.…]

Memberships in Scientific Advisory Bodies/Committees/Panels *(if any)***:**

- EC Scientific Committee of the European Environment Agency (SC EEA, up to 2011)
- EC Scientific Committee on Emerging and Newly Identified Health Risks (SCENIHR, up to 2016)
- SCENIHR WG on Synthetic Biology (2013-2016), chair
- IPCS/WHO Steering Group for the Harmonisation of Approaches to the Assessment of Risk from Exposure to Chemicals (up to 2011)
- IPCS/WHO Working Group on Uncertainty in Hazard Assessment of chemicals, co-chair
- IPCS/WHO Chemical Risk Assessment Network: Initial Steering Group

Memberships in Learned Societies *(if any)***:**

- European Society of Toxicology EUROTOX
- The Netherlands Society of Toxicology (NVT)(chair of Chapter on Risk Assessment)

Memberships in Editorial Boards *(if any)***:**

- Editor of Human and Ecological Risk Assessment Journal

List of Publications:

[Please indicate the type and total number of your publications. In addition, provide the bibliographic details for the 7 most representative, peer-reviewed articles which highlight the main areas of your scientific expertise.]

Theo Vermeire's publication list comprises approximately 40 articles in peer reviewed journals or books, 70 public scientific reports and monographs and several hundreds of, partly confidential, risk assessment reports.

Major peer-reviewed articles:

1. Vermeire TG, Stevenson H, Pieters MN, Rennen M, Slob W, Hakkert BC. 1999. Assessment factors for human health risk assessment: a discussion paper. *Crit Rev Toxicol* 29(5):439-490.
2. Vermeire T, Jager T, Janssen G, Bos P, Pieters M. 2001. A probabilistic human health risk assessment for environmental exposure to dibutylphthalate. *Hum Ecol Risk Assess* 7: 1663-1679.
3. Vermeire T, Rikken M, Attias L, Boccardi P, Boeije G, de Bruijn J, Brooke D, Comber M, Dolan B, Fischer S, Heinemeyer G, Koch V. Lijzen J, Müller B, Murray-Smith R, Tadeo J. 2004. European Union System for the Evaluation of Substances, The second version. *Chemosphere* 59: 473-485.
4. Vermeire TG, Baars AJ, Bessems JGM., Blaauboer BJ, Slob W, Muller JJA. 2007. Toxicity testing for human health risk assessment. In: Van Leeuwen CJ, Vermeire TG (eds). 2007. Risk assessment of chemicals: an introduction, Second edition. Springer Dordrecht, The Netherlands. ISBN 978-1-4020-6101-1 (handbook), ISBN 978-1-4020-6102-8 (e-book).
5. Vermeire T, Munns Jr WR, Sekizawa J, Suter II GW, Van der Kraak G. 2007. An Assessment of Integrated Risk Assessment. *Hum Ecol Risk Assess* 13: 339-354.
6. Vermeire, T., van de Bovenkamp M., Bruinen de Bruin, Y., Delmaar, C., van Engelen, J., Escher, S., Marquart, H., Meijster, T. 2010. Exposure Based Waiving under REACH. *Reg Toxicol Pharmacol* 58: 408-420.
7. Vermeire T, Aldenberg T, Buist H, Escher S, Mangelsdorf I, Pauné E, Rorije E, Kroese D. 2013 OSIRIS, a quest for proof of principle for integrated testing strategies of chemicals for four human health endpoints. *Regul Toxicol Pharmacol* , doi.org/10.1016/j.yrtph.2013.01.007.