

CURRICULUM VITAE

April 2018



Title and name

Ms Dina Hendrika Waalkens-Berendsen

Nationality

Dutch

Panel / Scientific Committee

Panel on Food Additives and Flavourings (FAF)

Education

MSc in Nutrition, 1975, Agricultural University Wageningen

Work Experience

2011 – 2012	TNO Triskelion BV	Senior Advisor, Advisor of the management. Advise to (junior) scientist mainly in the field of reproductive toxicology.
2010 – 2011	TNO Triskelion	Group leader, study director GLP studies and product manager reproduction and neurotoxicology. Responsible for strategy, scientific research and acquiring international projects. Senior advisor of TNO's risk assessment group concerning reproductive testing and effects in relation to risk assessment.
1988 – 2009	TNO Quality of Life/TNO Nutrition and Food Research/ TNO CIVO	Group leader, study director GLP studies and product manager reproduction and neurotoxicology. Responsible for strategy, scientific research and acquiring international projects. Senior advisor of TNO's risk assessment group concerning reproductive testing and effects in relation to risk assessment.
1984 – 1988	NOTOX, Toxicological Research & Consultancy	Toxicologist. Introduction in vitro and in vivo genetic toxicology tests and training staff. Writing of SOPs and introduction of GLP to staff.
1976 – 1980	Drug Safety R & D, Organon International B.V.,	Group leader of the Mutagenicity Group, Section of Reproductive Toxicology. Start a new group genetic toxicology within the drug safety group. Introduction of new in vitro and in vivo genetic toxicology tests. Training of staff.
1975 – 1976	Agricultural University	Assistant Professor Genetic Toxicology at the Department of Toxicology. Start a new group

	Wageningen	Genetic toxicology within the department of toxicology. Introduction of new in vitro and in vivo genetic toxicology tests
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Scientific expertise

Developmental and Reproductive Toxicity
Neurotoxicity
(Mammalian) Toxicology
Genotoxicity
In vitro testing
Chemical Risk Assessment
Risk and benefit assessment methodology

Most relevant scientific publications within the fields of EFSA

Ruud A. Woutersen, **Ine D.H. Waalkens-Berendsen**, Paul P. Tobback, 2014. Use of the Treshold of Toxicological concern (TTC) Approach for Human Safety Assessment of Chemical Substances Present in the Diet. Food Science & Law, 2, 82-92.

Elisa C M Tonk, Didima M G de Groot, André P M Wolterbeek, André H Penninks, **Ine D H Waalkens-Berendsen**, Aldert H Piersma, Henk van Loveren, 2013. Developmental immunotoxicity of ethanol in an extended one-generation reproductive toxicity study. Arch Toxicol;87(2):323-335. doi: 10.1007/s00204-012-0940-1

Aswin Menke, André Wolterbeek, Cor Snel, Joost Bruijntjes, Didima de Groot, Lidy van Oostrum, **Ine Waalkens** and Frieke Kuper, 2012. Potentially increased sensitivity of pregnant and lactating female rats to immunotoxic agents. Toxicologic Pathology , 40 (2) 255-260. doi: 10.1177/0192623311428476

Elisa C M Tonk, Aart Verhoef, Liset J J de la Fonteyne, **Ine D H Waalkens-Berendsen**, André P M Wolterbeek, Henk van Loveren, Aldert H Piersma, 2011. Developmental immunotoxicity in male rats after juvenile exposure to di-n-octyltin dichloride (DOTC) Reprod Toxicol;32(3):341-348.

Elisa CM Tonk, Didima MG de Groot, André H Penninks, **Ine DH Waalkens-Berendsen**, André PM Wolterbeek, Aldert H Piersma and Henk van Loveren, 2011. Developmental immunotoxicity of di-n-octyl dichloride (DOTC) in an extended one-generation reproductive toxicity study. Toxicology Letters 204 (2-3), 156-163. <https://doi.org/10.1016/j.toxlet.2011.04.027>

ECM Tonk, DG de Groot, AH Penninks, **DH Waalkens-Berendsen**, APM Wolterbeek, W Slob, AH Piersma, H van Loveren, 2010. Developmental Immunotoxicity of Methylmercury: The relative sensitivity of developmental and immune parameters. Toxicological Sciences 117, 325-335.

R.Blum, T.Kiy, **I. Waalkens-Berendsen**, A.W. Wong, A. Roberts, 2007. One generation reproductive toxicity study of DHA-rich oil in rats. Regulatory Toxicology and Pharmacology;49:260-270.

de Groot DM, Hartgring S, van de Horst L, Moerkens M, Otto M, Bos-Kuijpers MH, Kaufmann WS, Lammers JH, O'Callaghan JP, **Waalkens-Berendsen ID**, Pakkenberg B, Gundersen HG, 2005. 2D and

3D assessment of neuropathology in rat brain after prenatal exposure to methylazoxymethanol, a model for developmental neurotoxicity. *Reprod Toxicol.* 20(3):417-32.

Bremer S., Balduzzi D. Cortvrindt R., Daston G, Elletti B., Galli A., Huhtaniemi I., Laws S., Lazzari G., Liminga U, Smitz J., Spano M., Themmen A., Tilloy A. and **Waalkens- Berendsen I**, 2004. The effects of chemicals on mammalian fertility. *ATLA* 33, 391-416.

Waalkens-Berendsen D.H., Kuilman-Wahls M.E.M. and A. Bär, 2004. Embryotoxicity and teratogenicity study with neohesperidine dihydrochalcone in rats. *Regulatory Toxicology and Pharmacology* 40, 74-79.

Waalkens-Berendsen D.H., Smits-van Prooije A.E. and A. Bär, 2004. Embryotoxicity and teratogenicity study with alpha-cyclodextrin in rabbits. *Regulatory Toxicology and Pharmacology* 39, 40-46.

Waalkens-Berendsen D.H. and A. Bär, 2004. Embryotoxicity and teratogenicity study with alpha-cyclodextrin in rats. *Regulatory Toxicology and Pharmacology* 39, 34-39.

Waalkens-Berendsen I., Krnic Z., Veljaca M., Mildner B., Cnubben N. Wolterbeek A, 2003. Preclinical safety evaluation with PL14736(2003): Prenatal developmental and fertility studies in rats and rabbits. *Reproductive Toxicology* 17, 506-507.

Richards, A.B. S. Krakowka, L.B. Dexter, H. Schmid, A.P.M. Wolterbeek, **D.H. Waalkens-Berendsen**, A. Shigoyuki and M. Kurimoto, 2002. Trehalose: a review of properties, history of use and human tolerance, and results of multiple safety studies. *Food and Chemical Toxicology* 40, 871-898.