



Curriculum Vitae

Personal information **Trijntje van der Velde-Koerts**

Work experience

2014-present: Scientific employee food safety, National Institute for Public Health and the Environment (RIVM), Bilthoven

Main activities:

- Advisor food safety for the Dutch Food Safety Authority (NVWA) and the Dutch Ministry of Health, Welfare and Sports (VWS) for pesticides and biocides
- Reviewer of residue assessment of pesticides and veterinary medicines (national, EU, JMPR)
- Dietary risk assessment for pesticides (national, EU, JMPR)
- Dietary intake model development for pesticides (national, FAO/WHO) dual use (JECFA/JMPR) and IEDI, IESTI and GECDE for JMPR
- Member of the Residue Chemistry Expert Group of OECD
- Member of the Joint FAO/WHO Meeting of Pesticide Residues (JMPR)
- Member of the ECHA working group Assessment of Residue Transfer to Food (ARTfood)

2000-2013: Senior assessment assistant, National Institute for Public Health and the Environment (RIVM), Bilthoven

Main activities:

- Assessor of pesticide dossiers at national, EU and JMPR level for the following aspects: physico-chemical properties, analytical methods, degradation in soil and water, metabolism in plant and animal, residues in food, effects of processing and dietary exposure and dietary risk for the establishment of maximum residue levels in plant and animal commodities
- Assessor of veterinary medicines dossiers at national level for the establishment of withdrawal periods for veterinary medicinal products
- Assessor of biocide dossiers at EU level for the following aspects: physico-chemical properties, efficacy and residues in food
- Project leader for plant protection product and biocide product assessments
- Member of the Residue Chemistry Expert Group of OECD
- Member of the ECHA Dietary Risk Assessment Working Group (DRAWG)
- Member of the Joint FAO/WHO Meeting of Pesticide Residues (JMPR)

1980-2000: Research assistant and laboratory technician, National Institute for Public Health and the Environment (RIVM) in Bilthoven, The Netherlands
Cancer Institute (NKI-AVL) in Amsterdam and Groningen University

Main activities:

- Analytical method development and validation for analysis of heavy metals in groundwater, drinking water, soil, sediment, airborne material, animal and agricultural commodities using spectroscopic techniques
- Investigation of the mechanism of multi-drug resistance in tumours using molecular biological and biochemical techniques for DNA, RNA and proteins.
- Isolation and characterisation of human chromosomes using microscopic techniques.
- Assistance in the investigation of the structure of hemoglobine using spectroscopic techniques.

Education and training

1998: University Modules Environmental Chemistry
Open Universiteit Nederland, Heerlen

1987-1990: Higher professional education (HLO chemistry)
Hogeschool Utrecht

1979-1981: Higher professional education (HBO-A analytical chemistry)
Laboratoriumschool Emmen

1973-1979: Pre-university education (VWO – Gymnasium)
Menso Alting College, Hoogeveen

Additional information

Publications

1. Van der Velde-Koerts, Rietveld A and Boon PE. Use of food consumption data of food balance sheets and national food consumption surveys in deterministic long-term dietary exposure assessments of pesticides. Food and Chemical Toxicology, 2021;151. <https://doi.org/10.1016/j.fct.2021.112104>
2. Van Klaveren JD, Van den Brand AD, Van Donkersgoed G, Van der Velde-Koerts T, Van der Voet H, Kruisselbrink JW, De Boer WJ, Van Lenthe M, Sprong C. Proposed prospective scenarios for cumulative risk assessment of pesticide residues. EFSA Supporting Publication 2021: EN-6811. <https://doi.org/10.2903/sp.efsa.2021.EN-6811>
3. Arcella D, Boobis A, Cressey P, Erdely H, Fattori V, Leblanc J-C, Lipp M, Reuss R, Scheid S, Tritscher A, Van der Velde-Koerts T, Verger P. Harmonized methodology to assess chronic dietary exposure to residues from compounds used as pesticide and veterinary drug. Critical Reviews in Toxicology, 2019;49(1):1-10. doi: 10.1080/10408444.2019.1578729.
4. Scholz R, Herrmann M, Kittelmann A, Von Schledorn M, Van Donkersgoed G, Graven C, Van der Velde-Koerts T, Anagnostopoulos C, Bempelou E, Michalski B. Database of processing techniques and processing factors compatible with the EFSA food classification and description system FoodEx2; Objective 1: Compendium of Representative Processing Techniques investigated in regulatory studies for pesticides. EFSA Supporting publication 2018:EN-1508;

<https://doi.org/10.2903/sp.efsa.2018.EN-1510>

5. Van Donkersgoed G, Van den Boogaard C, Graven C, Koopman N, Mahieu K, Van der Velde-Koerts T, Herrmann M, Kittelmann A, Von Schledorn M, Scholz R, Anagnostopoulos C, Bempelou E, Michalski B. Database of processing techniques and processing factors compatible with the EFSA food classification and description system FoodEx2; Objective 2: Linking the processing techniques investigated in regulatory studies with the EFSA food classification and description system, FoodEx2. EFSA Supporting publication 2018:EN-1509; <https://doi.org/10.2903/sp.efsa.2018.EN-1509>
6. Scholz R, Van Donkersgoed G, Herrmann M, Kittelmann A, Von Schledorn M, Graven C, Mahieu K, Van der Velde-Koerts T, Anagnostopoulos C, Bempelou E, Michalski B. Database of processing techniques and processing factors compatible with the EFSA food classification and description system FoodEx2; Objective 3: European database of processing factors for pesticides in food. EFSA Supporting publication 2018:EN-1510; <https://doi.org/10.2903/sp.efsa.2018.EN-1510>
7. Markantonis M, Van der Velde-Koerts T, Graven C, Te Biesebeek JD, Zeilmaker M, Rietveld AG, Ossendorp BC. Assessment of occupational and dietary exposure to pesticide residues. EFSA Journal 2018;16(S1):e16087; doi: 10.2903/j.efsa.2018.e16087
8. Richter A, Sieke C, Reich H, Ossendorp BC, Breysse N, Lutze J, Mahieu K, Margerison S, Rietveld A, Sarda X, Vial G, Van der Velde-Koerts T. Setting the stage for the review of the international estimate of short-term intake (IESTI) equation. Journal of Environmental Science and Health, Part B, 2018, 53:6, 343-351, <https://doi.org/10.1080/03601234.2018.1439807>
9. Breysse N, Vial G, Patingre L, Ossendorp BC, Mahieu K, Reich H, Rietveld A, Sieke C, Van der Velde-Koerts T, Sarda X. Impact of a proposed revision of the IESTI equation on the acute risk assessment conducted when setting maximum residue levels (MRLs) in the European Union (EU): A case study. Journal of Environmental Science and Health, Part B, 2018, 53:6, 352-365, <https://doi.org/10.1080/03601234.2018.1439809>
10. Van der Velde-Koerts T, Margerison S, Breysse N, Lutze J, Mahieu K, Reich H, Rietveld A, Sarda X, Sieke C, Ossendorp BC. Impact of proposed changes in IESTI equations for short-term dietary exposure to pesticides from Australian and Codex perspective. Journal of Environmental Science and Health, Part B, 2018, 53:6, 366-379, <https://doi.org/10.1080/03601234.2018.1439812>
11. Van der Velde-Koerts T, Breysse N, Patingre L, Hamey PY, Lutze J, Mahieu K, Margerison S, Ossendorp BC, Rietveld A, Sarda X, Vial G, Sieke C. Effect of individual parameter changes on the outcome of the estimated short-term dietary exposure to pesticides. Journal of Environmental Science and Health, Part B, 2018, 53:6, 380-393, <https://doi.org/10.1080/03601234.2018.1439814>

12. Humphrey P, Margerison S, Van der Velde-Koerts T, Doherty MA, Rowland J. Principles of safety assessment of pesticides at national levels. In: Food Safety Assessment of Pesticide Residues. Eds. Ambrus A, Hamilton D. World Scientific Publishing Europe Ltd, London, 2017
13. Caldas ED, Van der Velde-Koerts T. Dietary exposure and risk characterization for pesticide residues in food. In: Food Safety Assessment of Pesticide Residues. Eds. Ambrus A, Hamilton D. World Scientific Publishing Europe Ltd, London, 2017
14. Mahieu CM and Van der Velde-Koerts T. Tetraniliprole (324). In: Pesticide residues in food - 2022 evaluations part I - residues. Rome, Italy, 2023. World Health Organization (WHO), Food and Agricultural Organization of the United Nations (FAO). pp 2983-3285.
<https://www.fao.org/3/cc5462en/cc5462en.pdf>
15. Van der Velde-Koerts T. Benzovindiflupyr (261). In: Pesticide residues in food - 2022 evaluations part I - residues. Rome, Italy, 2023. World Health Organization (WHO), Food and Agricultural Organization of the United Nations (FAO). pp 63-189.
<https://www.fao.org/3/cc5462en/cc5462en.pdf>
16. Van der Velde-Koerts T. Fenpyroximate (193). In: Pesticide residues in food - 2021 evaluations part I - residues. Rome, Italy, 2022. World Health Organization (WHO), Food and Agricultural Organization of the United Nations (FAO). pp 3-107.
<https://www.fao.org/3/cb9480en/cb9480en.pdf>
17. Van der Velde-Koerts T. Pyriofenone (310). In: Pesticide residues in food - 2019 evaluations part I - residues. Rome, Italy, 2020. World Health Organization (WHO), Food and Agricultural Organization of the United Nations (FAO). pp 1723-1744. <https://www.fao.org/pest-and-pesticide-management/guidelines-standards/faowho-joint-meeting-on-pesticide-residues-jmpr/reports/en/>
18. Mahieu CM and Van der Velde-Koerts T. Afidopyropen (312). In: Pesticide residues in food - 2019 evaluations part I - residues. Rome, Italy, 2020. World Health Organization (WHO), Food and Agricultural Organization of the United Nations (FAO). pp 7-275.
<https://www.fao.org/pest-and-pesticide-management/guidelines-standards/faowho-joint-meeting-on-pesticide-residues-jmpr/reports/en/>
19. Mahieu CM and Van der Velde-Koerts T. Mandestrobin (307). In: Pesticide residues in food - 2019 evaluations part I - residues. Rome, Italy, 2020. World Health Organization (WHO), Food and Agricultural Organization of the United Nations (FAO). pp 889-1113.
<https://www.fao.org/pest-and-pesticide-management/guidelines-standards/faowho-joint-meeting-on-pesticide-residues-jmpr/reports/en/>
20. Mahieu CM, Van der Velde-Koerts T and Van der Linde T. Cyclaniliprole (296). In: Pesticide residues in food - 2017 evaluations part I - residues. Rome, Italy, 2018. World Health Organization (WHO), Food and Agricultural Organization of the United Nations (FAO). FAO plant production and protection paper 233, pp 329-552.
<https://www.fao.org/pest-and-pesticide-management/guidelines->

[standards/faowho-joint-meeting-on-pesticide-residues-jmpr/reports/en/](https://standards.fao.org/joint-meeting-on-pesticide-residues-jmpr/reports/en/)

Projects

Memberships

- Member of the Residue Chemistry Expert Group of OECD
- Member of the Joint FAO/WHO Meeting of Pesticide Residues (JMPR)
- Member of the ECHA working group Assessment of Residue Transfer to Food (ARTfood)

Other Relevant Information