



**Europass
Curriculum Vitae**



Personal information

First name(s) / Surname(s) **Prof. Dr. Hans Verhagen**

Address(es) Food Safety & Nutrition Consultancy
Couwenhoven 4214
3703 EE Zeist, The Netherlands
FSNConsultancy.com, FSNConsultancy.nl, FSNConsultancy.eu

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E-mail Hans.verhagen@hotmail.com, FSNConsultancy@hotmail.com

Nationality Dutch

Date of birth 23.11.1957

Gender Male

Family status Married, 2 children (1990, 1992)

**Desired employment /
Occupational field**

Food Safety; Nutrition; Novel Foods; Health and Nutrition Claims; Risk-benefit assessment; Safe food fortification; Nutrient profiling, logo's, food reformulation; Toxicological risk assessment and nutrition; Food additives; Food supplements and botanicals; Biomarkers / biomonitoring; Scientific writing and editing; Lecturing, chairing events, media performances; (Interim) management

Work experience

Dates November 2020 - now

Occupation or position held Owner and founder Food Safety & Nutrition Consultancy, NL (FSN Consultancy)

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| Main activities and responsibilities | <p>Food Safety & Nutrition Consultancy (FSNConsultancy.nl) offers scientific services in the area of food safety and nutrition. FSN Consultancy evaluates dossiers, builds dossiers, provides scientific advice, communicates on science and supports innovation. The full range of services offered/areas of expertise:</p> <ul style="list-style-type: none"> • Novel Foods • Health and Nutrition Claims • Risk-benefit assessment • Safe food fortification • Nutrient profiling, logo's, food reformulation • Toxicological risk assessment and nutrition • Food additives • Food supplements and botanicals • Biomarkers / biomonitoring • Scientific writing and editing • Lecturing, chairing events, media performances • (Interim) management |
| Name and address of employer | <p>Food Safety & Nutrition Consultancy Couwenhoven 4214 3703 EE Zeist, The Netherlands FSNConsultancy.com, FSNConsultancy.nl, FSNConsultancy.eu Hans.verhagen@hotmail.com, FSNConsultancy@hotmail.com</p> |
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| Dates | November 2020 - now |
| Occupation or position held | Visiting Professor, Division of Diet, Disease Prevention and Toxicology, Technical University of Denmark (https://www.food.dtu.dk/english) |
| Main activities and responsibilities | <ul style="list-style-type: none"> • Visiting Professor, Risk-Benefit for Food Safety and Nutrition (Otto Moensted fund) • Research projects for the Research Group for Risk Benefit (https://www.food.dtu.dk/english/research/risk-benefit) • Lecturing, workshops, master classes • Scientific papers |
| Name and address of employer | <p>DTU Fødevareinstituttet Kemitorvet Bygning 202 DK-2800 Kgs Lyngby Denmark</p> |
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| Dates | July 2018 – October 2020 |
| Occupation or position held | Senior Scientific Officer |
| Main activities and responsibilities | <p>Senior scientific advice to EFSA: Development, programming, implementation and harmonisation of risk assessment methodology. Improving the quality of EFSA scientific outputs and optimising science process productivity. Keeping track of developments in scientific risk assessment and translation into EFSA practices. Internal and external representation of EFSA. Sponsoring the 3rd EFSA Scientific Conference in 2018. Building communities of knowledge in EFSA across different entities.</p> |
| Name and address of employer | European Food Safety Authority (EFSA). Via Carlo Magno 1A, 43126 Parma - Italy |
| Type of business or sector | Scientific Risk Assessment – European Union |
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| Dates | Nov 2015 – June 2018 |

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| Occupation or position held | Head, Risk Assessment & Scientific Assistance Department |
| Main activities and responsibilities | Senior Management: Head of EFSA's Risk Assessment and Scientific Assistance Department (RASA); ca. 120 FTE. The Department organises and relies on the work of the Scientific Committee on cross-cutting scientific issues and supports the Scientific Panels to carry out risk assessments on general health and safety priorities in areas such as biological hazards, chemical contaminants, plant health, and animal health and welfare. The Department also provides specialised support on data collection, emerging risks, exposure assessment and risk assessment methodologies. |
| Name and address of employer | European Food Safety Authority (EFSA). Via Carlo Magno 1A, 43126 Parma - Italy |
| Type of business or sector | Scientific Risk Assessment – European Union |
| Dates | Jan 2013 – Oct 2015 |
| Occupation or position held | Senior Scientific Advisor “nutrition and food safety” |
| Main activities and responsibilities | The position involves research, scientific activities and external representation. Working on scientific topics in the area of nutrition and food safety, such as but not limited to scientific substantiation of health claims, integrated benefit-risk assessment, novel foods, nutritional safety, food additives, low calorie sweeteners, food fortification, biomarkers, antioxidants, food reformulation, nutrient profiles, logo's, food security. |
| Name and address of employer | National Institute for Public Health and the Environment (RIVM), Antonie van Leeuwenhoeklaan 9, 3721 MA Bilthoven, The Netherlands |
| Type of business or sector | Research |
| Dates | 2009- now |
| Occupation or position held | Visiting Professor at the University of Ulster, Coleraine, Northern Ireland (http://www.ulster.ac.uk/). |
| Main activities and responsibilities | <ul style="list-style-type: none"> • Visiting Professor in food safety and nutrition • Research projects with Northern Ireland Centre for Food and Health http://biomed.science.ulster.ac.uk/niche/ • Secondment of students • Lecturing, workshops, master classes • Scientific papers |
| Name and address of employer | University of Ulster, Cromore Road, Coleraine, Co. Londonderry, BT52 1SA, Northern Ireland |
| Type of business or sector | Research |
| Dates | 2009-2015 |
| Occupation or position held | Part-time lecturer at Maastricht University, Nutrition and Toxicology Research Institute Maastricht, The Netherlands (2009-2010)(http://www.nutrim.unimaas.nl/uk/01.html). |
| Main activities and responsibilities | <ul style="list-style-type: none"> • Contribution to MSc course on health food innovation management http://www.maastrichtuniversity.nl/web/show/id=899849/langid=42 |
| Name and address of employer | Maastricht University / NUTRIM, PO Box 616, 6200 MD Maastricht, The Netherlands |
| Type of business or sector | Teaching |
| Dates | 2005-2012 |

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| Occupation or position held | Head "Centre for Nutrition and Health" |
| Main activities and responsibilities | The position involves research, management and external representation. The latter includes being official spokesman for RIVM in the media (television, radio, written press) in the area of nutrition and health. The group was ~45 people in size (~26 FTE), for the largest part PhD and MSc level. Topics of interest include: food consumption surveys, food composition databases, diet & health, diet and chronic diseases (cancer, cardiovascular diseases, overweight & obesity), functional foods, food supplements, health claims, food fortification, health claims, food-pharma interface, integrated benefit-risk analysis, post launch monitoring, nutrigenomics and genetic susceptibility. Annual budget is ~3.5 M€. The Centre for Nutrition and Health is (since 2008) a WHO Collaborative Centre for Nutrition http://www.who.int/nutrition/collabcentres/netherlands/en/ . |
| Name and address of employer | National Institute for Public Health and the Environment (RIVM), Antonie van Leeuwenhoeklaan 9, 3721 MA Bilthoven, The Netherlands |
| Type of business or sector | Research |
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| Dates | 2001-2005 |
| Occupation or position held | Scientific and Regulatory Affairs Manager Unilever Health Institute, Unilever Research Vlaardingen, The Netherlands |
| Main activities and responsibilities | <ul style="list-style-type: none"> • Task "safety": Co-ordinate between the Unilever Safety & Environmental Assurance Centre (SEAC) and the Unilever Health Institute. Represent the Unilever Health Institute in the Unilever Product Clearance Committee, and ensuring nutritional input in safety discussions. Liaise between toxicologists and nutritionists within and outside Unilever. Being point of contact for the Unilever Health and Wellness category. Challenge the SEAC unit if needed. Secure safety clearance of ingredients and consumer test trials.. • represent Unilever / Unilever Health Institute at various international committees (International Life Sciences Institute (ILSI), EU-projects, Dutch Academy for Nutrition Sciences); co-ordinate ILSI activities for Unilever world-wide. • reputation building of Unilever Health Institute/Unilever Bestfoods in the external world. Liaise with the external scientific and regulatory environment to support the interests of Unilever. Represent Unilever at external scientific meetings; organise symposia, conferences. Present lectures. |
| Name and address of employer | Unilever Research Vlaardingen, The Netherlands |
| Type of business or sector | Research |
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| Dates | 2000-2001 |
| Occupation or position held | Head, Bioanalysis & Biomarkers/Safety Interface (50%/50%), Unilever Health Institute, Unilever Research Vlaardingen, The Netherlands |

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| Main activities and responsibilities | <ul style="list-style-type: none"> • “Bioanalysis”. Building a modern laboratory infrastructure dedicated to bioanalyses. Introduce modern methods and concepts of analysis for measuring biomarkers. Guide the establishment of a basic quality environment. Establish and maintain a network of external contract research organisations. • “Biomarkers”. Building a scientifically reputable status in the area of biomarker research. Establish and maintain an international network for the Unilever Health Institute on biomarkers in relation to functional foods. • General operational management of the group. • “Safety”. Co-ordinate between the Unilever Safety & Environmental Assurance Centre (SEAC) and the Unilever Health Institute. Represent the Unilever Health Institute in the Unilever Product Clearance Committee, and ensuring nutritional input in safety discussions. Liaise between toxicologists and nutritionists within and outside Unilever. Being point of contact for the Unilever Health and Wellness category. Challenge the SEAC unit if needed. Secure safety clearance of ingredients and consumer test trials. |
| Name and address of employer | Unilever Research Vlaardingen, The Netherlands |
| Type of business or sector | Research |
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| Dates | 1995-2000 |
| Occupation or position held | Head, "Food and Non-Food Analysis Department", TNO Nutrition and Food Research Institute, Analytical Sciences Division, Zeist, The Netherlands |
| Main activities and responsibilities | <ul style="list-style-type: none"> • main task: operational management (a.o. finances, employees, scientific content, marketing, product portfolio) • mean size of department: 60 (Ph.D. level: 7; M.Sc. level: 5; B.Sc. level: 6; other: salesmen, technicians, temporary employees, Ph.D. students, technical students) • annual turnover of department: 9 - 10 million Dutch guilders (~4.5 million Euros) • product portfolio foods chemistry: food analyses, feed analyses (nutrients, non-nutrients, contaminants, bioactive dietary constituents, food supplements, toxicology supporting analyses, damage assessment bureau, ...) • scientific work: ongoing research in the area of bioactive dietary constituents: health-promoting non-nutrients (e.g. glucosinolates, antioxidants,) and natural contaminants (e.g. mycotoxins, heterocyclic aromatic amines,); biomarkers in relation to health and disease |
| Name and address of employer | TNO Nutrition and Food Research Institute, Zeist, The Netherlands |
| Type of business or sector | Research |
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| Dates | 1990-1995 |
| Occupation or position held | Groupleader "Regulatory Genotoxicology and Antimutagenesis" |
| Main activities and responsibilities | <ul style="list-style-type: none"> • regulatory genotoxicity testing: study director/project leader of all genetic toxicology assays, method development, invited secretary/representative for The Netherlands on international meetings of the OECD on updating test guidelines for genetic toxicity testing • toxicological risk assessment: literature studies on diverse toxicological subjects, (for the Dutch authorities) critical assessment of genetic toxicology reports produced by industry • marketing and sales: as product manager being responsible for qualitative and quantitative performance of genetic toxicity testing at TNO • management: guiding 2-4 technicians, 1 PhD-student and occasionally students • science: many studies in the field of antimutagenesis and dietary cancer prevention, most notably towards non-nutritive dietary constituents, biomarkers in relation to health and disease |

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| Name and address of employer | TNO Nutrition and Food Research Institute, Zeist, The Netherlands |
| Type of business or sector | Research |
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| Dates | 1989-1990 |
| Occupation or position held | Assistant professor in Biological Health Sciences |
| Main activities and responsibilities | <ul style="list-style-type: none"> • 25%: lecturer in Biological Health Sciences, faculty of Health Sciences • 50%: scientific research and surveying starting PhD-student • 25%: collaborator in the development of a new study program on Environmental Health Sciences |

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| Name and address of employer | University of Maastricht, The Netherlands |
| Type of business or sector | Research |
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| Dates | 1985-1989 |
| Occupation or position held | PhD-student and teaching in Biological Health Sciences |
| Main activities and responsibilities | <ul style="list-style-type: none"> • 75%: Ph.D.-student in toxicology and human nutrition (Thesis: "toxicology of the food additives BHA and BHT"), department of Human Biology • 25%: lecturer in Biological Health Sciences, faculty of Health Sciences |

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| Name and address of employer | University of Maastricht, The Netherlands |
| Type of business or sector | Research |
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| Dates | 1983-1985 |
| Occupation or position held | PhD-student |
| Main activities and responsibilities | <ul style="list-style-type: none"> • subject: morphology of cultured human hair follicle cells in culture; controls versus skin disorders (psoriasis and X-linked ichthiosis) |

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| Name and address of employer | University of Nijmegen, The Netherlands |
| Type of business or sector | Research |
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| Dates | 1979 & 1980 |
| Occupation or position held | Student assistant |
| Main activities and responsibilities | Training of younger students |

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| Name and address of employer | University of Nijmegen, The Netherlands |
| Type of business or sector | Education |
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| Education and training | |
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| Dates | 1990 onwards |
| Title of qualification awarded | Various courses |
| Principal subjects/occupational skills covered | <ul style="list-style-type: none"> • Board-certified as 'toxicologist' (SMBWO, 1990); re-registration (1997, 2002, 2007, 2012, 2017) • Level-3 expert on radioactive materials (ECN, Petten, 1991) • Board-certified as 'nutritionist' (SMBWO, 2005). • Various internal courses at TNO, Unilever, RIVM and EFSA (1990 - onwards) |
| Name and type of organisation providing education and training | Various external and internal TNO, Unilever, RIVM and EFSA |
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| Dates | 1989 |
| Title of qualification awarded | PhD |
| Principal subjects/occupational skills covered | Thesis: "Toxicology of the food additives BHA and BHT" Subjects studied: analytical chemistry, metabolism & kinetics, genetic toxicology, pathology, flow cytometry, studies with experimental animals, intervention studies with human volunteers. |
| Name and type of organisation providing education and training | University of Maastricht, the Netherlands |
| Level in national or international classification | PhD |
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| Dates | 1976-1983 |
| Title of qualification awarded | BSc (1976-1979) and MSc (1979-1983) in Chemistry |
| Principal subjects/occupational skills covered | <ul style="list-style-type: none"> • BSc qualification S1 • MSc Subjects studied: 1. toxicology (biomonitoring individual occupational exposure to the foaming agent methylchloride; use of methylbromide as a foaming agent in horticulture). 2. electron microscopy of human hair follicle cells in culture. 3. recessive X-linked ichthiosis, a genetic disorder. |
| Name and type of organisation providing education and training | University of Nijmegen, the Netherlands (BSc, MSc) Université de Paris VII, Paris, France (MSc) |
| Level in national or international classification | BSc, MSc |
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| Personal skills and competences | | | | | | | | | | |
| Mother tongue(s) | Dutch | | | | | | | | | |
| Other language(s) | English, German, French, Italian | | | | | | | | | |
| Self-assessment | Understanding | | | | Speaking | | | | Writing | |
| <i>European level (*)</i> | Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| English | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user |
| German | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user | B2 | Independent user |
| French | B1/ B2 | Independent user | B1 | Independent user | B1/ B2 | Independent user | B1 | Independent user | B1 | Independent user |
| Italian | B1 | Basic user | B1 | Basic user | B1 | Basic user | B1 | Basic user | B1 | Basic user |
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| | (*) Common European Framework of Reference for Languages | | | | | | | | | |
| Organisational skills and competences | <ul style="list-style-type: none"> • Project management: many projects while in TNO, in Unilever and in RIVM • Middle management of department/centre while in TNO and in RIVM • Senior management of department while in EFSA <p>Editor in Chief of two scientific journals:</p> <ul style="list-style-type: none"> • Food and Chemical Toxicology (1999-2004) • European Journal of Nutrition and Food Safety (2011-2015) | | | | | | | | | |
| Technical skills and competences | <ul style="list-style-type: none"> - board certified toxicologist - board certified nutritionist - professor of food safety and nutrition - member of editorial board of scientific journals - frequent lecturer and presenter - (senior) management - spokesman in media on food, nutrition and health | | | | | | | | | |
| Computer skills and competences | MS Office | | | | | | | | | |
| Other skills and competences | - | | | | | | | | | |
| Driving licence | Category BE | | | | | | | | | |

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| Additional information | - Member of EFSA NDA Panel 2006 – 2015 | | |
| | - Publications: | | |
| | <ul style="list-style-type: none"> ○ Peer-reviewed papers: 164 ○ Other publications: 154 ○ Publications in the EFSA Journal: 10 ○ Publications as Editor: 16 ○ Other publications in Dutch: 15 ○ Total number of Web of Science publications (includes EFSA Scientific Opinions): 820 ○ Grants: 12 ○ Awards: 5 ○ Many hundreds of EFSA Scientific Opinions from 2006-2015 as member of the NDA Panel. No private authorships; authorship only with “European Food Safety Authority” ○ Confidential reports while at TNO and Unilever. | | |
| | - Hirsch Index (by October 2020): | | |
| | | N. publications | H-index |
| Scopus | 129 | 42 | 6 353 |
| Web of Science (includes EFSA Scientific Opinions) | 820 | 49 | 10 141 |
| Google Scholar (includes some EFSA Scientific Opinions) | 542 | 49 | 9 761 |
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