

BIOGRAPHY

26/06/2012



Title and name

Prof. Hans Verhagen

Nationality

Dutch

Panel

Dietetic Products, Nutrition and Allergies (NDA)

Education

- Board-certified nutritionist, 2005.
 - Board –certified toxicologist, 1990.
 - PhD in food toxicology, 1989, University of Maastricht (NL).
 - M.Sc in chemistry, 1983, Universities of Nijmegen (NL) and Paris (FR).
 - B.Sc in chemistry, 1979, University of Nijmegen (NL).
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Scientific and risk assessment experience

- Toxicology of food additives
 - Genetic toxicology testing; OECD test guidelines
 - Toxicology and epidemiology: biomarkers of health effects (bioactive plant substances, antioxidants, micronutrients)
 - Food and feed analysis
 - Editor-in-chief of “Food & Chemical Toxicology” (<http://www.elsevier.com/locate/foodchemtox>); editorial board member of several journals
 - Criteria for the scientific substantiation of health claims
 - Nutrition and toxicology combined: integrated benefit-risk assessment, nutritional safety, novel foods, food fortification
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Main scientific publications

Toxicology, food toxicology, nutrition, food additives, scientific substantiation of health claims, integrated benefit-risk assessment, novel foods, food fortification, biomarkers, antioxidants.

Branca F, Hanley AB, Pool-Zobel B, Verhagen H. (2001): “Biomarkers in disease and health”. Brit.J. Nutrition 86, supplement 1: S55-S92.

Verhagen H., Aruoma O.I., van Delft J.H.M., Dragsted L.O., Ferguson L.R., Knasmüller S., Pool-Zobel B.L., Poulsen H.E., Williamson G., Yannai S. (2003). Editorial - The 10 basic requirements for a

scientific paper reporting antioxidant, antimutagenic or anticarcinogenic potential of test substances in in vitro experiments and animal studies in vivo. *Food and Chemical Toxicology* 41: 603-610.

Peter J. Aggett P.J., Antoine J.M., Asp N.G., Bellisle F., Contor L., Cummings J.H., Howlett J., Müller D.J.G., Persin C., Pijls L.T.J., Rechkemmer G., Tuijelaars S. & Verhagen H. (2005). Process for the Assessment of Scientific Support for Claims on Foods (PASSCLAIM): CONSENSUS ON CRITERIA. *Eur.J.Nutr.* 44 (supplement 1), 5-30.

Kloosterman J, Fransen HP, de Stoppelaar J, Verhagen H, Rompelberg C. (2007). Safe addition of vitamins and minerals to foods: setting maximum levels for fortification in the Netherlands. *Eur. J. Nutrition.* 46: 220-229.

Hoekstra J., Verkaik-Kloosterman J., Rompelberg C., van Kranen H., Zeilmaker M., Verhagen H, de Jong N. (2008). Integrated risk-benefit analyses: Method development with folic acid as example. *Food Chem. Tox.* 46: 893-909.

Verhagen H., te Boekhorst J., Kamps L., van Lieshout M.J., Ploeger H., Verreth D., Salminen S., and van Loveren H. (2009). Novel Foods: an explorative study into their grey area. *British Journal of Nutrition* 101: 1270-1277

Verhagen H., Vos E., Franci S., Heinonen M., van Loveren H. (2010). Status of nutrition and health claims in Europe. *Archives of Biochemistry and Biophysics*. (in press). doi:10.1016/j.abb.2010.04.012

Hoekstra J, Hart A, Boobis A, Claupein E, Cockburn A, Hunt A, Knudsen I, Richardson D, Schilter B, Schütte K, Torgerson PR, Verhagen H, Watzl B, Chiodini A. (2010). BRAFO tiered approach for benefit-risk assessment of foods. *Food Chem Toxicol.* (in press). <http://www.ncbi.nlm.nih.gov/pubmed/20546818>

Verkaik-Kloosterman J., McCann M.T., Hoekstra J. and Verhagen H. (2012). Vitamins and minerals: issues associated with too low and too high population intakes. *Food & Nutrition Research* 56: 5728 - DOI: 10.3402/fnr.v56i0.5728

Tijhuis M.J., de Jong N., Pohjola M.V., Gunnlaugsdottir H., Hendriksen M., Hoekstra J., Holm F., Kalogeras N., Leino O., van Leeuwen R., Luteijn J.M., Magnusson S.H., Odekerken G., Rompelberg C., Tuomisto J.T., Ueland O., White B.C., Verhagen H. (2012). State of the Art in Benefit-Risk Analysis: Food and Nutrition *Food and Chemical Toxicology* 50: 5-25.

Tijhuis MJ, Pohjola MV, Gunnlaugsdóttir H, Kalogeras N, Leino O, Luteijn JM, Magnússon SH, Odekerken-Schröder G, Poto M, Tuomisto JT, Ueland O, White BC, Holm F, Verhagen H. (2012). Looking beyond borders: Integrating best practices in benefit-risk analysis into the field of Food and Nutrition. *Food and Chemical Toxicology* 50: 77-93.

Verhagen H, Andersen R, Antoine JM, Finglas P, Hoekstra J, Kardinaal A, Nordmann H, Pekcan G, Pentieva K, Sanders TA, van den Berg H, van Kranen H, Chiodini A. Application of the BRAFO tiered approach for benefit-risk assessment to case studies on dietary interventions. *Food and Chemical Toxicology* (in press)
