



Our Nutrition Publications 2011 - 2015

We believe that the nutrition we promote through our brands and products is based on sound, scientific evidence. This is why we actively conduct scientific research, perform reviews and publish in peer-reviewed publications.

The list below is an example of the work we have performed and published, mostly in the context of collaborations with leading academic groups, since 2011

Papers in the area of nutrient profiling describing the rationales and application or illustrating the potential impact on health as estimated by dietary intake modeling

Temme, E. H., H. van der Voet, A. J. Roodenburg, A. Bulder, G. van Donkersgoed and J. van Klaveren. Impact of Foods with Health Logo on Saturated Fat, Sodium and Sugar Intake of Young Dutch Adults. *Public Health Nutr* 2011;14: 635-44.

Roodenburg, A. J., A. Schlatmann, M. Dotsch-Klerk, R. Daamen, J. Dong, M. Guarro, M. Stergiou, N. Sayed, E. Ronoh, L. Jansen and J. C. Seidell. Potential Effects of Nutrient Profiles on Nutrient Intakes in the Netherlands, Greece, Spain, USA, Israel, China and South-Africa. *PLoS One* 2011;6: e14721.

Roodenburg, A. J., B. M. Popkin and J. C. Seidell. Development of International Criteria for a Front of Package Food Labelling System: The International Choices Programme. *Eur J Clin Nutr* 2011;65: 1190-200.

Roodenburg, A. J., van Ballegooijen, M. Dotsch-Klerk, H. van der Voet and J. C. Seidell. Modelling of usual nutrient Intakes: Potential Impact of the Choices Programme on Nutrient Intakes in Young Dutch Adults. *PLoS One* 2013 8: e72378.

Maaikje J. Bruins, Mariska Dötsch-Klerk, Joep Matthee, Mary Kearney, Kathelijn van Elk, Peter Weber and Manfred Eggersdorfer. A Modelling Approach to Estimate the Impact of Sodium Reduction in Soups on Cardiovascular Health in the Netherlands *Nutrients* 2015, 7, 8010-8019; doi:10.3390/nu7095375

Research in the area of weight management

Peters, H. P., M. Foltz, E. M. Kovacs, D. J. Mela, E. A. Schuring and S. A. Wiseman. The Effect of Protease Inhibitors Derived from Potato Formulated in a Minidrink on Appetite, Food Intake and Plasma Cholecystokinin Levels in Humans. *Int J Obes (Lond)* 2011;35: 244-50.

Peters, H. P., P. Ravesteyn, H. T. van der Hijden, H. M. Boers and D. J. Mela. Effect of Carbohydrate Digestibility on Appetite and Its Relationship to Postprandial Blood Glucose and Insulin Levels. *Eur J Clin Nutr* 2011;65: 47-54.

Peters, H. P., R. J. Koppert, H. M. Boers, A. Strom, S. M. Melnikov, E. Haddeman, E. A. Schuring, D. J. Mela and S. A. Wiseman. Dose-Dependent Suppression of Hunger by a Specific Alginate in a Low-Viscosity Drink Formulation. *Obesity (Silver Spring)* 2011;19: 1171-6.

Smit, H. J., E. Keenan, E. M. Kovacs, S. A. Wiseman, H. P. Peters, D. J. Mela and P. J. Rogers. No Efficacy of Processed Fabules (Olibra) in Suppressing Appetite or Food Intake. *Eur J Clin Nutr* 2011; 65: 81-6.

Maljaars, P. W., H. P. Peters, A. Kodde, M. Geraedts, F. J. Troost, E. Haddeman and A. A. Masclee. Length and Site of the Small Intestine Exposed to Fat Influences Hunger and Food Intake. *Br J Nutr* 2011;106: 1609-15.

Blom, W. A., S. L. Abrahamse, R. Bradford, G. S. Duchateau, W. Theis, A. Orsi, C. L. Ward and D. J. Mela. Effects of 15-D Repeated Consumption of Hoodia Gordonii Purified Extract on Safety, Ad Libitum Energy Intake, and Body Weight in Healthy, Overweight Women: A Randomized Controlled Trial. *Am J Clin Nutr* 2011;94: 1171-81.

P.W. Jeroen Maljaars, Robert J.P. van der Wal, Tom Wiersma, Harry P.F. Peters, Edward Haddeman, Ad A.M. Masclee. The effect of lipid droplet size on satiety and peptide secretion is intestinal site-specific. *Clin Nutr* 2012;31: 535-42

B Sadoul, EAH Schuring, DJ Mela, HPF Peters Measuring satiety with pictures compared to visual analogue scales: an exploratory study. *Appetite* 2012; 58: 414-417

Schuring E, Quadt F, Kovacs EMR, Meullenet J-F, Wiseman S, Mela DJ. A quantitative method for estimating and comparing the duration of human satiety responses: Statistical modeling and application to liquid meal replacers. *Appetite* 2012;59: 601-609

Bilman EM, van Kleef E, Mela DJ, Hulshof T, van Trijp HCM. Consumer understanding, interpretation and ascription of personal responsibility in relation to satiety-related claims. *Appetite* 2012;59: 912-920

Hodgson A, Randell R, Boon N, Mela DJ, Garczarek U, Jeukendrup A, Jacobs DM. The metabolic response to green tea extract during rest and moderate intensity exercise. *J Nutr Biochem* 2013;24: 325-334

Hetherington MM, Cunningham K, Dye L, Gibson EL, Gregersen NT, Halford JCG, Lawton CL, Lluch A, Mela D, van Trijp HCM. 2013. Reviewing the evidence for the possible benefits of satiety from foods and diets. *Nutr Res Rev* 2013;26: 22-38.

Randell RK, Hodgson AB, Lotito SB, Jacobs DM, Boon N, Mela DJ, Jeukendrup AE. No effect of 1 or 7 days green tea extract ingestion on fat oxidation during exercise. *Med Sci Sports Exercise* 2013; 45: 883-891.

Gregersen NT, Belza A, Jensen MG, Ritz C, Bitz C, Hels O, Frandsen E, Mela DJ, Astrup A. Acute effects of mustard, horseradish, black pepper and ginger on energy expenditure, appetite, ad libitum energy intake and energy balance. *Br J Nutr* 2013;109: 556-563

Peters, H. P. F., Bouwens, E. C. M., Schuring, E. A. H., Haddeman, E., Velikov, K. P., and Melnikov, S. M. The effect of submicron fat droplets in a drink on satiety, food intake, and cholecystokinin in healthy volunteers. *European Journal of Nutrition*, 2013 Online. DOI 10.1007/s00394-013-0576-9

Hodgson A, Randell R, Mahabir-Jagessar-T K, Lotito S, Mulder T, Mela DJ, Jeukendrup AE, Jacobs DM. Acute effects of green tea extract intake on exogenous and endogenous metabolites in human plasma. *J Agric Food Chem* 2014;62(5):1198-1208.

Sergey M Melnikov, Simeon D. Stoyanov, Eva MR Kovacs, Luben Arnaudov, Peter de Groot, Ewoud AH Schuring, Sheila A Wiseman, David J Mela and Harry HPF Peters. Sustained hunger suppression from stable liquid foams. *Obesity* July 3rd 2014 00, 00-00. doi:10.1002/oby.20828

Randell RK, Hodgson AB, Lotito SB, Jacobs DM, Rowson M, Mela DJ, Jeukendrup AE. Variable duration of decaffeinated green tea extract ingestion on exercise metabolism. *Med Sci Sports Exercise* 2014 DOI: 10.1249/MSS.0000000000000205

Hussein MO, CL Hoad, M Stephenson, EF Cox, E Placidi, S Pritchard, C Costigan, H Ribeiro, E Ciampi, P Rayment, A Nandi, N Hedges, P Sanderson, HPF Peters, I Kruse, L Marciani, RC Spiller, PA Gowland. Magnetic resonance spectroscopy measurements of intragastric fat fraction of oil emulsions in humans. *Eur J Lipid Sci Tech* 2014 DOI: 10.1002/ejlt.201400058

Sadoul BC, Schuring EAH, Mela DJ, Peters HPF The relationship between appetite scores and subsequent energy intake: An analysis based on 23 randomized controlled studies. *Appetite* 2014;83:153-159

Peters HPF, Koppenol W, Schuring EAH, Abrahamse SL, Mela DJ Repeated foam consumption reduces appetite during a dieting day. *Int J Obesity* 2014 DOI: 10.1038/ijo.2014.151

Murray K, Placidi E, Schuring EAH, Hoad CL, Koppenol W, Arnaudov L, Blom WAM, Pritchard SE, Stoyanov SD, Gowland PA, Spiller RC, Peters HPF and Marciani L. Aerated drinks increase gastric volume and reduce appetite as assessed by MRI: a randomized, balanced, crossover trial. *Am J Clin Nutr* 2014 doi: 10.3945/ajcn.114.096974

Mahamoud O Hussein, Caroline L Hoad, Jeff Wright, Gulzar Singh, Mary C Stephenson, Eleanor F Cox, Elisa Placidi, Susan E Pritchard, Carolyn Costigan, Henelyta Ribeiro, Elisabetta Ciampi, Asish Nandi, Nick Hedges, Paul Sanderson, Harry PF Peters, Pip Rayment, Robin C Spiller, Penny A Gowland, Luca Marciani. Fat Emulsion Intragastric Stability and Droplet Size Modulate Gastrointestinal Responses and Subsequent Food Intake in Young Adults. *J Nutr* 2015 DOI:10.3945/jn.114.204339

Rogers PJ, Hogenkamp PS, de Graaf K, Higgs S, Lluch A, Ness AR, Penfold C, Perry R, Putz P, Yeomans MR, Mela DJ. Does low-energy sweetener consumption affect energy intake and body weight? A systematic review, including meta-analyses, of the evidence from human and animal studies. *Int J Obesity* 2015 Sep 14. doi: 10.1038/ijo.2015.177.

Publications on the effects of tea and other flavonoid-rich beverages on blood pressure and vascular reactivity (the ability of blood vessels to dilate) which are independent predictors for cardiovascular events such as myocardial infarction and stroke

Ras, R. T., P. L. Zock and R. Draijer. Tea Consumption Enhances Endothelial-Dependent Vasodilation; a Meta-Analysis. *PLoS One* 2011;6: e16974.

Jonathan M Hodgson, Ian B Puddey, Richard J Woodman, Theo PJ Mulder, Dagmar Fuchs, Kirtsy Scott, Kevin D Croft. Effects of black tea on blood pressure: A randomized controlled trial.. Arch Intern Med. 2012;172: 186-188.

Botden IP, Draijer R, Westerhof BE, Rutten JH, Langendonk JG, Sijbrands EJ, Danser AH, Zock PL, van den Meiracker AH. Red wine polyphenols do not lower peripheral or central blood pressure in high normal blood pressure and hypertension. Am J Hypertens. 2012 Mar 15. doi: 10.1038/ajh.2012.25.

Hodgson JM, Woodman RJ, Puddey IB, Mulder T, Fuchs D, and Croft K. Short-term effects of polyphenol-rich black tea on blood pressure in men and women. Food Funct., 2013;4: 111–115

Vidyasagar R, Greyling A, Draijer R, Corfield DR, Parkes LM. The effect of black tea and caffeine on regional cerebral blood flow measured with arterial spin labeling. J Cereb Blood Flow Metab. 2013 Mar 13. doi: 10.1038/jcbfm.2013.40

Hodgson JM, Croft KD, Woodman RJ, Puddey IB, Fuchs D, Draijer R, Lukoshkova E , Head GA. Black tea lowers the rate of blood pressure variation: a randomized controlled trial. Am J Clin Nutr 2013; 97: 943-950

Ras RT, Zock PL, Zebregs YE, Johnston NR, Webb DJ, Draijer R. Effect of polyphenol-rich grape seed extract on ambulatory blood pressure in subjects with pre- and stage I hypertension. Br J Nutr. 2013;110: 2234-41

Ras, R. T., M. T. Streppel, R. Draijer and P. L. Zock. Flow-Mediated Dilation and Cardiovascular Risk Prediction: A Systematic Review with Meta-Analysis. Int J Cardiol 2013;168: 344-51.

Tim HA Schreuder, Thijs MH Eijssvogels, Arno Greyling, Richard Draijer, Maria TE Hopman, Dick HJ Thijssen. Effect of black tea consumption on brachial artery flow-mediated dilation and ischaemia–reperfusion in humans. Applied Physiology, Nutrition, and Metabolism 2013;39: 1-7

Bøhn SK1, Croft KD, Burrows S, Puddey IB, Mulder TP, Fuchs D, Woodman RJ, Hodgson JM. Effects of black tea on body composition and metabolic outcomes related to cardiovascular disease risk: a randomized controlled trial. Food Function 2014 Jun 25;5(7):1613-20.

Arno Greyling, Rouyane T. Ras, Peter L. Zock, Mario Lorenz, Maria T. Hopman, Dick H. J. Thijssen, Richard Draijer. The effect of black Tea on blood pressure: A systematic review with meta-analysis of randomized controlled trials. PloS ONE July 31, 2014 •DOI: 10.1371/journal.pone.0103247

Dagmar Fuchs, Young de Graaf, Roeland van Kerckhoven and Richard Draijer. Effect of Tea Theaflavins and Catechins on Microvascular Function. Nutrients 2014 doi:10.3390/nu6125772#sthash.WA48SAtA.dpuf

Grassi D, Draijer R, Desideri G, Mulder T, Ferri C. Black tea lowers blood pressure and wave reflections in fasted and postprandial conditions in hypertensive patients: a randomized study. Nutrients. 2015 Feb 4;7(2):1037-51.

Dietary fats and health: recent publications show that intake of essential fats in children and adults globally do not meet recommendations.

Huffman, S. L., R. K. Harika, A. Eilander and S. J. Osendarp. Essential Fats: How Do They Affect Growth and Development of Infants and Young Children in Developing Countries? A Literature Review. *Matern Child Nutr* 2011;7: 44-65.

Harika, R. K., M. C. Cosgrove, S. J. Osendarp, P. Verhoef and P. L. Zock. Fatty Acid Intakes of Children and Adolescents Are Not in Line with the Dietary Intake Recommendations for Future Cardiovascular Health: A Systematic Review of Dietary Intake Data from Thirty Countries. *Br J Nutr* 2011;106: 307-16.

Harika, R. K., A. Eilander, M. Alsema, S. J. Osendarp and P. L. Zock. Intake of Fatty Acids in General Populations Worldwide Does Not Meet Dietary Recommendations to Prevent Coronary Heart Disease: A Systematic Review of Data from 40 Countries. *Ann Nutr Metab* 2013;63: 229-38.

Eilander A, Harika RK, Zock PL. Intake and sources of dietary fatty acids in Europe: Are current population intakes of fats aligned with dietary recommendations? *Eur J Lipid Sci Tech* 2015;117(9):1370-7

A significant number of studies have investigated the mechanism of plant sterol action and demonstrated their lipid-lowering efficacy in relation to cardiovascular health

Zhao, H. L., A. H. Houweling, C. A. Vanstone, S. Jew, E. A. Trautwein, G. S. Duchateau and P. J. Jones. Action of Plant Sterol Intervention on Sterol Kinetics in Hypercholesterolemic Men with High Versus Low Basal Circulatory Plant Sterol Concentrations. *J Am Coll Nutr* 2011;30: 155-65.

Amiot, M. J., D. Knol, N. Cardinault, M. Nowicki, R. Bott, C. Antona, P. Borel, J. P. Bernard, G. Duchateau and D. Lairon. Phytosterol Ester Processing in the Small Intestine: Impact on Cholesterol Availability for Absorption and Chylomicron Cholesterol Incorporation in Healthy Humans. *J Lipid Res* 2011;52: 1256-64.

Keszthelyi D, Knol D, Troost FJ, van Avesaat M, Foltz M, Masclee AA. Time of ingestion relative to meal intake determines gastrointestinal responses to a plant sterol-containing yoghurt drink. *Eur J Nutr*. 2013;52: 1417-20.

Duchateau, G, Cochrane, B, Herudzinska, J, Sanghera, D, Burian, A, Müller, M, Zeitlinger, M and Lappin, G. Absolute oral bioavailability and metabolic turnover of β -sitosterol in healthy subjects *Drug Metabolism and Disposition* 2012, e-pub doi:10.1124/dmd.112.046623.

Isabelle Demonty, Rouyanne T. Ras, Henk C. M. van der Knaap, Linsie Meijer, Peter L. Zock, Johanna M. Geleijnse and Elke A. Trautwein. The effect of plant sterols on serum triglyceride concentrations is dependent on baseline concentrations: a pooled analysis of 12 randomised controlled trials. *European Journal of Nutrition* 2013; 52:153-160

Rouyanne T. Ras, Harry Hiemstra, Yuguang Lin, Mario A. Vermeer, Guus S.M.J.E. Duchateau, Elke A. Trautwein. Consumption of plant sterol-enriched foods and effects on plasma plant sterol concentrations. A meta-analysis of randomized controlled studies. *Atherosclerosis* 2013;230: 336-346

Julie I. Willems, Mireille A.E. Blommaert, Elke A. Trautwein. Results from a post-launch monitoring survey on consumer purchases of foods with added phytosterols in five European countries. *Food and Chemical Toxicology* 2013; 62:48–53

Amiot MJ, Knol D, Cardinault N, Nowicki M, Bott R, Antona C, Borel P, Bernard JP, Duchateau G, Lairon D. Comparable reduction in cholesterol absorption after two different ways of phytosterol administration in humans. *Eur J Nutr* 2013;52: 1215-22.

Rouyane T. Ras, Johanna M. Geleijnse and Elke A. Trautwein LDL-cholesterol-lowering effect of plant sterols and stanols across different dose ranges: a meta-analysis of randomised controlled studies. *British Journal of Nutrition* 2014 Jul;112(2):214-9

Rouyane T Ras, Isabelle Demonty, Yvonne EMP Zebregs, Johan FA Quadt, Johan Osson, Elke A Trautwein. Low doses of eicosapentaenoic acid and docosahexaenoic acid from fish oil dose-dependently decrease serum triglyceride concentrations in the presence of plant sterols in hypercholesterolaemic men and women. *J Nutr* doi:10.3945/jn.114.192229

Rouyane T Ras, Yvonne T van Schouw, Elke A Trautwein, Isabelle Sioen, Geertje W Dalmeijer, Peter L Zock and Joline WJ Beulens. Intake of phytosterols from natural sources and risk of cardiovascular disease in the European Prospective Investigation into Cancer and Nutrition – the Netherlands (EPIC-NL) population. *Eur J Prev Cardiol* Published online 10 October 2014. DOI: 10.1177/2047487314554864

Rouyane T Ras, Dagmar Fuchs, Wieneke P Koppenol, Ursula Garczarek, Arno Greyling, Christian Keicher, Carole Verhoeven, Hakim Bouzamondo, Frank Wagner and Elke Trautwein. The effect of a low-fat spread with added plant sterols on vascular function markers: results of the Investigating Vascular Function Effects of Plant Sterols (INVEST) study. *Am J Clin Nutr* 2015 doi: 10.3945/ajcn.114.102053

Ras R, Kuipers RS, Schaafsma G. Leidt verlaging van serum cholesterol tot minder hartinfarcten? (Does lowering of serum cholesterol lead to fewer heart attacks?). *Ned Tijdschr voor Voeding & Dietetiek* 2015;70(3):24-26

Publications related to the bioavailability and pharmacokinetics of tea flavonoids

van der Burg-Koorevaar, M. C., S. Miret and G. S. Duchateau. Effect of Milk and Brewing Method on Black Tea Catechin Bioaccessibility. *J Agric Food Chem* 2011;14: 7752-8.

Glube, N, von Moos, I, and Duchateau, G. Capsule shell material impacts the in vitro disintegration and dissolution behaviour of a green tea extract *Results in Pharma Sciences* 2013;;3: 1-6.

van der Pijl PC, Foltz M, Glube ND, Peters S, Duchateau GSMJE. Pharmacokinetics of black tea-derived phenolic acids in plasma. *J Functional Foods* 2015 DOI.org/10.1016/j.jff.2015.06.020

Flavonoids may have health benefits but they can also have negative taste issues. Published papers aimed to understand the activation of bitter taste receptors by these compounds

Roland, W. S., J. P. Vincken, R. J. Gouka, L. van Buren, H. Gruppen and G. Smit. Soy Isoflavones and Other Isoflavonoids Activate the Human Bitter Taste Receptors Htas2r14 and Htas2r39. *J Agric Food Chem* 2011;59:11764-71.

Roland, W. S., L. van Buren, H. Gruppen, M. Driesse, R. J. Gouka, G. Smit and J. P. Vincken. Bitter Taste Receptor Activation by Flavonoids and Isoflavonoids: Modeled Structural Requirements for Activation of Htas2r14 and Htas2r39. *J Agric Food Chem* 2013;61:10454-66.

Roland WSU, Gouka RJ, Gruppen H, Driesse M, van Buren L, Gerrit Smit, Jean-Paul Vincken. 6-Methoxyflavanones as Bitter Taste Receptor Blockers for hTAS2R39. *PLoS ONE* 2014 9(4): e94451. doi:10.1371/journal.pone.0094451

Publications on micronutrient fortification and (cognitive) development in children

Best, C., N. Neufingerl, J. M. Del Rosso, C. Transler, T. van den Briel and S. Osendarp. Can Multi-Micronutrient Food Fortification Improve the Micronutrient Status, Growth, Health, and Cognition of Schoolchildren? A Systematic Review. *Nutr Rev* 2011;69: 186-204.

Van de Rest O, van Hooijdonk LWA, Doets E, Schiepers OJG, Eilander A, de Groot LCPMG. B Vitamins and n-3 Fatty Acids for Brain Development and Function: Review of Human Studies. *Ann Nutr Metab*. 2012;60: 272-292

Anjos, T., S. Altmae, P. Emmett, H. Tiemeier, R. Closa-Monasterolo, V. Luque, S. Wiseman, M. Perez-Garcia, E. Lattka, H. Demmelmair, B. Egan, N. Straub, H. Szajewska, J. Evans, C. Horton, T. Paus, E. Isaacs, J. W. van Klinken, B. Koletzko and C. Campoy. Nutrition and Neurodevelopment in Children: Focus on Nutrimenthe Project. *Eur J Nutr* 2013;52: 1825-42.

Astrid Rauh-Pfeiffer, Uschi Handel, Hans Demmelmair, Wolfgang Peissner, Mareile Niesser, Diego Moretti, Vanessa Martens, Sheila Wiseman, Judith Weichert, Moritz Heene, Markus Buhner, Berthold Koletzko. Three-month B vitamin supplementation in pre-school children affects folate status and homocysteine, but not cognitive performance . *Eur J Nutr* 2014 DOI 10.1007/s00394-013-0647-y

Imelda Angeles-Agdeppa, Nicole Neufingerl, Clarita Magsadia, Harry Hiemstra, Chona Patalen, Ans Eilander. Energy and nutrient intake and acceptability of nutritionally balanced school meals in Filipino students. *Food and Nutrition Bulletin* 2014;35:361- 371

Walczyk T, Muthayya S, Wegmüller R, Thankachan P, Sierksma A, Frenken LG, Thomas T, Kurpad A, Hurrell RF. Inhibition of iron absorption by calcium is modest in an iron-fortified casein- and whey-based drink in Indian children and is easily compensated by ascorbic acid. *J Nutr* 2014;144:1703-9

Publications (also together with the International Union of Nutrition Sciences [IUNS]) on understanding the barriers for behaviour change for better health

R.S. Newson, I. Elmadfa, Gy. Biroc, Y. Cheng, V. Prakash, P. Rust, M. Barna, R. Lion, G.W. Meijer, N. Neufingerl, I. Szabolcs, R. van Zweden, Y. Yang and G.I.J. Feunekes. Barriers for progress in salt reduction in the general population. An international study. *Appetite* 2013;71: 22-31]

Newson, R. S., R. Lion, R. J. Crawford, V. Curtis, I. Elmadfa, G. I. Feunekes, C. Hicks, M. van Liere, C. F. Lowe, G. W. Meijer, B. V. Pradeep, K. S. Reddy, M. Sidibe and R. Uauy. Behaviour Change for Better Health: Nutrition, Hygiene and Sustainability. BMC Public Health 2013;13: Suppl 1,: S1.

R.S. Newson , I. Elmadfa, Gy. Biro, Y. Cheng, V. Prakash, P. Rust, M. Barna, R. Lion, G.W. Meijer, N. Neufingerl, I. Szabolcs, R. van Zweden, Y. Yang, G.I.J. Feunekes. Barriers for progress in salt reduction in the general population. An international study. Appetite 2013;71: 22–31.

Zandstra, E.H., Lion, R., **Newson, R.S.** Salt Reduction: Moving From Consumer Awareness to Action, Food Quality and Preference. Food Quality and Preference 2015 doi/10.1016/j.foodqual.2015.03.005

R.S. Newson, R. van der Maas, A. Beijersbergen, L. Carlson, C. Rosenbloom. International consumer insights into the desires and barriers of diners in choosing healthy restaurant meals. Food Quality and Preference 2015 doi: <http://dx.doi.org/10.1016/j.foodqual.2015.02.016>

Two studies carried out with external partners on the application of llama antibodies to prevent symptoms of viral infections in young children

Sarker, S. A., M. Jakel, S. Sultana, N. H. Alam, P. K. Bardhan, M. J. Chisti, M. A. Salam, W. Theis, L. Hammarstrom and L. G. Frenken. Anti-Rotavirus Protein Reduces Stool Output in Infants with Diarrhea: A Randomized Placebo-Controlled Trial. Gastroenterology 2013;145: 740-748.

Tokuhara, D., B. Alvarez, M. Mejima, T. Hiroiwa, Y. Takahashi, S. Kurokawa, M. Kuroda, M. Oyama, H. Kozuka-Hata, T. Nochi, H. Sagara, F. Aladin, H. Marcotte, L. G. Frenken, M. Iturriza-Gomara, H. Kiyono, L. Hammarstrom and Y. Yuki. Rice-Based Oral Antibody Fragment Prophylaxis and Therapy against Rotavirus Infection. J Clin Invest 2013;123: 3829-38.

Publications exploring new approaches in cardio-metabolic health (eg glucose control)

Wopereis, S., D. Wolvers, M. van Erk, M. Gribnau, B. Kremer, F. A. van Dorsten, E. Boelsma, U. Garczarek, N. Cnubben, L. Frenken, P. van der Logt, H. F. Hendriks, R. Albers, J. van Duynhoven, B. van Ommen and D. M. Jacobs. Assessment of Inflammatory Resilience in Healthy Subjects Using Dietary Lipid and Glucose Challenges. BMC Med Genomics 2013;6:44.

Alssema M, Newson RS, Bakker SJ, Stehouwer CD, Heymans MW, Nijpels G, Hillege HL, Hofman A, Witteman JC, Gansevoort RT, Dekker JM. One risk assessment tool for cardiovascular disease, type 2 diabetes, and chronic kidney disease. Diabetes Care 2012;35:741-8.

Nicole Neufingerl, Mark R Cobain, Rachel S Newson. Web-based self-assessment health tools: Who are the users and what is the impact of missing input information? J Med Internet Res 2014;16(9):e215

Alssema M, Boers HM, Ceriello A, Kilpatrick ES, Mela DJ, Priebe MG, Schrauwen P, Wolffenbuttel BH, Pfeiffer AFH. Diet and Glycaemia: The markers and their meaning. A report of the Unilever Nutrition Workshop. Br J Nutr 2014 doi: 10.1017/S0007114514003547

James I Dower, Johanna M Geleijnse, Lieke Gijsbers, Peter L Zock, Daan Kromhout and Peter CH Hollman. Effects of the pure flavonoids epicatechin and quercetin on vascular function and cardiometabolic health: a randomized double-blind, placebo-controlled, crossover trial. Am J Clin

Nutr 2015. doi: 10.3945/ajcn.114.098590

Boers HM, Seijen ten Hoorn J, Mela DJ. A systematic review of the influence of rice characteristics and processing methods on postprandial glycaemic and insulinaemic responses. *Br J Nutr* 2015;114(7):1035-45

Publications in the emerging science of sustainable diets

Mariska Dötsch-Klerk, David J Mela and Mary Kearney. Sustainable Diets. *Int J Food Sci Tech* 2015; 29:2-6

Publications exploring the relationship between diet and oral health

Geng Zong, Ann E Scott, Helen R Griffiths, Peter L Zock, Thomas Dietrich and Rachel S Newson. Serum a-Tocopherol Has a Nonlinear Inverse Association with Periodontitis among US Adults. *Journal of Nutrition* 2015 DOI: [10.3945/jn.114.203703](https://doi.org/10.3945/jn.114.203703)

Publications on chemo- and bio-information

Lora Mak, David Marcus, Andrew Howlett, Galina Yarova, Guus Duchateau, Werner Klaffke, Andreas Bender and Robert C Glen. Metrabase: a cheminformatics and bioinformatics database for small molecule transporter data analysis and (Q)SAR modeling. *Journal of Cheminformatics* 2015, 7:31 doi:10.1186/s13321-015-0083-5

Riethorst D, Mols R, Duchateau G, Tack J, Brouwers J, Augustijns P. Characterization of human duodenal fluids in fasted and fed state conditions. *J Pharmaceutical Sciences*. 2015 DOI 10.1002/jps.24603