

CURRICULUM VITAE MARTIJN B. KATAN

Born	February 14, 1946 in Arnhem, The Netherlands
Citizenship	Dutch
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Languages	Dutch, English, German, French, some Italian

Summary

Martijn B. Katan graduated cum laude in chemistry and biochemistry from Amsterdam University in 1972, and he received a Ph.D. in molecular biology from Amsterdam University in 1977 (Supervisor: Professor Piet Borst). From 1977 until 2005 he was at the Division of Human Nutrition of Wageningen University, where he studied diet and risk factors for cardiovascular disease. In 2005 he was appointed Academy Professor of the Royal Netherlands Academy of Sciences. Since 2006 he is a Professor of Nutrition at the Vrije Universiteit of Amsterdam.

From 1985 to 1998 Martijn Katan was the Nutrition Foundation professor of Human Nutrition at Nijmegen University.

Professor Katan is a member of the Editorial Board of the American Journal of Clinical Nutrition, PLoS Medicine, Atherosclerosis, and the Nederlands Tijdschrift voor Geneeskunde. He is also a member of the Dutch Health Council, the Dutch equivalent of the US Institute of Medicine, and of the Royal Netherlands Academy of Sciences.

He has published more than 300 papers in peer-reviewed journals, and is frequently invited to write editorials and reviews, to give lectures at international conferences, and to comment on nutrition and health issues in TV and radio programs and newspapers.

Research of Martijn B. Katan

Nutritional problems have appealed to me from the moment I entered a project on malnutrition and blindness in Sumatra in the early 1970s (Prof Piet Borst). My work since then has dealt with the effect of diet on risk factors for coronary heart disease. This was originally a disease of the Western world but is now a major cause of premature disease and death worldwide.

My coworkers and I have made several discoveries relevant to prevention of coronary heart disease. These are:

1. The finding that trans fatty acids raise LDL (the "bad" cholesterol) and lower HDL cholesterol (the "good" cholesterol) in man (Mensink and Katan, *New Engl J Med* 1990). In combination with epidemiological observations on trans fatty acids and heart disease (Prof Walter C. Willett and coworkers) this made it highly likely that trans fatty acids increase the risk of heart disease. As a result food industries worldwide have reduced trans fatty acids in foods.
2. The finding that high-carbohydrate diets lower HDL cholesterol and raise triglycerides. This has contributed to a re-appraisal of low-fat high-carbohydrate diets.
3. Elucidation of cafestol as the compound in unfiltered coffee responsible for elevating serum cholesterol levels. This has led to changes in coffee brewing practices and in industrial production techniques
4. Studies on flavonoids conducted with Prof Daan Kromhout and Dr Peter Hollman showed that high flavonoid intake was associated with reduced risk of coronary heart disease (Hertog et al, *Lancet* 1992). However, there is still no adequate evidence that consuming flavonoids improves health.

My current research interests are:

1. N-3 (omega-3) and trans fatty acids and their effects on the heart
2. Food components that lower plasma homocysteine
3. Mechanism of action of cafestol, the cholesterol-raising lipid from coffee beans

Recognition of our work has been demonstrated by invitations to write editorials for major journals, two reviews in the leading review series *Annual Reviews of Nutrition*, 58 papers in the top journal of the field, the *American Journal of Clinical Nutrition*, and 20 in the *Lancet* and the *New England Journal of Medicine*.

I have also been asked to give several prestigious lectures, e.g. plenary lectures at the *International Atherosclerosis Society*, Paris 1997 (8000 participants) and at the *American Heart Association*, Dallas 1998 (30,000-40,000 participants), a *KNAW* plenary lecture in 2004 and the *Gezondheidsraad* lezing in 2004.

Nutrition research attracts much interest from the public and the media, and as a result I frequently appear in radio and TV programs and newspapers. There is increasing pressure from industry on academic research to produce commercially exploitable data; this concerns me, and I have not failed to speak out about this in the media as well as in scientific journals (e.g. Katan and de Roos, *Science* 2003).

Academic career (retrospectively)

2006 - present	Professor of Nutrition, Institute for Health Sciences, Vrije Universiteit Amsterdam
2005 - present	Academy Professor of the Royal Netherlands Academy of Sciences
2004-2005	Distinguished Scientist, Wageningen Centre for Food Sciences (WCFS). WCFS is a national Dutch institute for research in food science and nutrition. It is jointly funded by the Netherlands government, 7 major Dutch food companies, TNO Nutrition and Food Research, the University of Maastricht, and Wageningen University and Research Centre
1998 – 2004	Scientific director of the Programme on Nutrition and Health, Wageningen Centre for Food Sciences
1998 – 2005	Professor, Dept of Human Nutrition, Wageningen University
1986 - 1998	Associate Professor of Human Nutrition, Wageningen Agricultural University
1985 – 1998	Nutrition Foundation Professor of Human Nutrition, Nijmegen University School of Medicine and Dentistry
1976 – 1986	Assistant Professor of Human Nutrition, Wageningen Agricultural University. Tenure obtained in 1978
1972 – 1976	Ph.D. student, department of Biochemistry, University of Amsterdam (supervisor: Prof. Dr. Piet Borst). Thesis: The cytochrome <i>bc₁</i> complex of baker's yeast, University of Amsterdam, November 23, 1977
1963 – 1972	M.Sc. studies of chemistry and biochemistry, University of Amsterdam. M.Sc. degree (cum laude), January 31, 1972

Organisational and advisory responsibilities

1981 –1985	Scientific Advisory Council, Netherlands Heart Foundation
1982 –1986	Co-founder, secretary and chairman of ZWO-(later NWO-) werkgemeenschap Voeding.
1987	Preparatory Committee, Dutch Cholesterol Consensus
1987 – 1995	Secretary (1987-1991), and Chairman (1991-1995), Netherlands Postgraduate Programme in Human Nutrition
1988 – 1991	Lipid Advisory Committee, Netherlands Heart Foundation
1991 – 1997	Scientific Advisory Council, Netherlands Heart Foundation

1988 – 1991	Food Law Advisory Committee ("Warenwetcommissie")
1990 – present	Government Health Council ("Gezondheidsraad")
1993 – 1994	FAO/WHO Joint Expert Committee on Fats and Oils
2001-2003	FAO/WHO expert consultation on diet, nutrition and the prevention of chronic diseases
2002-2003	Health Council committee on Foods and dietary supplements with health claims
2004 - present	Health Council committee on Diet and Allergy
2004 – 2005	KNAW (Royal Netherlands Academy of Sciences) Committee on Contract Research and Scientific Independence
2005 –2006	Member and honorary secretary of the jury for the Heineken Prize for Medicine, KNAW
2006-	Health Council committee on biotechnology

Special honours and awards

1981 – 1985	Established Investigator of the Netherlands Heart Foundation
1989	Liga Nutrition Award (The biyearly investigator's Award of the Netherlands Nutrition Foundation)
1990	Walker-Ames Visiting Professor, University of Washington, Seattle
2001	Epstein Lecturer and Award, American Heart Association Council on Epidemiology
2002	Designated one of the 20 most cited Dutch scientists (Elseviers magazine / CWTS Centre for Science and Technology Studies, Leiden)
2003	European Nutrition Award (awarded once per four years by the Federation of European Nutrition Societies for excellence in research, teaching and application of nutrition science)
2003 – present	Member, Royal Netherlands Academy of Sciences
2004 – present	Member, Vereniging Nederlands Tijdschrift voor Geneeskunde
2004	Recognized as the first to combine genetics and epidemiology into the technique now called Mendelian Randomization (Keavny B. "Katan's remarkable foresight: genes and causality 18 years on". Intl J Epidemiol 2004;33:11–14)
2004	European Lipid Science Award (awarded every two years by the European Federation for the Science and Technology of Lipids to honour distinguished lipid scientists)
2005	ISI Highly Cited Researcher in Agricultural Science

2006

Distinguished Fellow, International Atherosclerosis Society

Memberships of Editorial Boards

Past:

1986 – 1992	Voeding (Netherlands Journal of Nutrition)
1990 – 1999	Nutrition, Metabolism and Cardiovascular Disease
1993 – 2001	Nutrition Reviews
1996 – 1999	British Journal of Nutrition

Present:

1991 – present	Atherosclerosis
1993 – 1999 & 2002 – present	American Journal of Clinical Nutrition (the leading nutrition journal. Impact factor 5)
2004 – present	Nederlands Tijdschrift voor Geneeskunde (Medical Journal of the Netherlands, read by 90% of Dutch physicians)
2004 – present	PLoS Medicine

Referee/Reviewer for New England Journal of Medicine, Lancet and numerous other Journals

Selected Publications from the past 10 years

1. J. De Vogel, D. S. M. L. Jonker-Termont, E. M. M. Van Lieshout, M. B. Katan, and R. Van der Meer. Green vegetables, red meat and colon cancer: chlorophyll prevents the cytotoxic and hyperproliferative effects of haem in rat colon. *Carcinogenesis* 26 (2):387-393, 2005.
2. M. B. Katan and E. Schouten. Caffeine and arrhythmia. *Am.J.Clin.Nutr.* 81:539-540, 2005.
3. D. Mozaffarian, A. Geelen, I. A. Brouwer, J. M. Geleijnse, P. L. Zock, and M. B. Katan. Effect of fish oil on heart rate in humans: a meta-analysis of randomized controlled trials. *Circulation* 112:1945-1952, 2005.
4. M. R. Olthof, T. Van Vliet, P. Verhoef, P. L. Zock, and M. B. Katan. Effect of homocysteine-lowering nutrients on blood lipids: results from four randomised, placebo-controlled studies in healthy humans. *PLoS.Med* 2:e135, 2005.
5. M. B. Katan. Health claims for functional foods. *BMJ* 328:180-181, 2004.
6. M. B. Katan, S. M. Grundy, P. J. H. Jones, M. R. Law, T. Miettinen, and R. Paoletti. Efficacy and Safety of Plant Stanols and Sterols in the Control of Blood Cholesterol Levels. *Mayo Clin Proc* 78:965-978, 2003.
7. M. B. Katan and N. M. De Roos. Public Health: Toward evidence-based health claims for functional foods. *Science* 299:206-207, 2003.
8. R. P. Mensink, P. L. Zock, A. D. M. Kester, and M. B. Katan. Effects of dietary fatty acids and carbohydrates on the ratio of serum total to HDL cholesterol and on serum lipids and apolipoproteins: a meta-analysis of 60 controlled trials. *Am.J.Clin.Nutr.* 77:1146-1155, 2003.
9. B. De Roos, M. J. Caslake, A. F. H. Stalenhoef, D Bedford, P. N. M. Demacker, M. B. Katan, and C. J. Packard. The coffee diterpene cafestol increases plasma triacylglycerol by increasing the production rate of large VLDL apolipoprotein B in healthy normolipidemic subjects. *Am.J.Clin.Nutr.* 73:45-52, 2001.
10. N. M. De Roos, M. L. Bots, and M. B. Katan. Replacement of dietary saturated fatty acids by trans fatty acids lowers serum HDL cholesterol and impairs endothelial function in healthy men and women. *Arterioscler Thromb Vasc Biol* 21:1233-1237, 2001.
11. S. M Post, B. De Roos, M. Vermeulen, L. Afman, M. C. Jong, V. E. H. Dahlmans, L. M. Havekes, F. Stellaard, M. B. Katan, and H. M. G. Princen. Cafestol increases serum cholesterol levels in apolipoprotein E*3-Leiden Transgenic Mice by Suppression of Bile Acid Synthesis. *Arterioscler Thromb Vasc Biol* 20:1551-1556, 2000.
12. A. Ascherio, M. B. Katan, P. L. Zock, M. J. Stampfer, and W. C. Willett. Trans Fatty Acids and Coronary Heart Disease. *New Engl J Med* 340:1994-1998, 1999.
13. M. B. Katan, J. P. Deslypere, A. P. J. M. Van Birgelen, M. M. H. Wennekes-Penders, and M. J. Zegwaard. Kinetics of the incorporation of dietary N-3 fatty acids into cholesteryl esters, erythrocyte membranes and fat tissue - an 18- month controlled trial in man. *J Lipid Res* 38:52-62, 1997.
14. M. B. Katan, W. C. Willett, and S. M. Grundy. Beyond low fat diets. *New Engl J Med* 337:563-566, 1997.
15. R. Urgert and M. B. Katan. The cholesterol-raising factor from coffee beans. *Annu Rev Nutr* 17:305-324, 1997.
16. P. L. Zock, R. P. Mensink, J. L. Harryvan, J. H. M. De Vries, and M. B. Katan. Fatty acids in serum cholesteryl esters as quantitative biomarkers of dietary intake in humans. *Am J Epidemiol* 145:1114-1122, 1997.
17. P. C. H. Hollman, M. S Van der Gaag, M. J. B. Mengelers, J. M. P. Van Trijp, J. H. M. De Vries, and M. B. Katan. Absorption and disposition kinetics of the dietary antioxidant quercetin in man. *Free Radical Bio Med* 21:703-707, 1996.
18. M. B. Katan, P. L. Zock, and R. P. Mensink. Trans fatty acids and their effect on lipoproteins in humans. *Annu Rev Nutr* 15:473-493, 1995.

Publications in international peer-reviewed journals

1. D. Mozaffarian, A. Geelen, I. A. Brouwer, J. M. Geleijnse, P. L. Zock, and M. B. Katan. Effect of fish oil on heart rate in humans: a meta-analysis of randomized controlled trials. *Circulation* 112:1945-1952, 2005.
2. P. Verhoef, T. Van Vliet, M. R. Olthof, and M. B. Katan. A high-protein diet increases postprandial but not fasting plasma total homocysteine concentrations: a dietary controlled, crossover trial in healthy volunteers. *Am.J.Clin.Nutr.* 82:553-558, 2005.
3. J. De Vogel, D. S. Jonker-Termont, M. B. Katan, and Meer R. van der. Natural chlorophyll but not chlorophyllin prevents heme-induced cytotoxic and hyperproliferative effects in rat colon. *J Nutr* 135:1995-2000, 2005.
4. A. Geelen, P. L. Zock, I. A. Brouwer, M. B. Katan, J. A. Kors, H. J. Ritsema van Eck, and E. G. Schouten. Effect of n-3 fatty acids from fish on electrocardiographic characteristics in patients with frequent premature ventricular complexes. *Br.J Nutr* 93:787-790, 2005.
5. M. R. Olthof, E. J. Brink, M. B. Katan, and P. Verhoef. Choline supplemented as phosphatidylcholine decreases fasting and postmethionine-loading plasma homocysteine concentrations in healthy men. *Am.J.Clin.Nutr.* 82:111-117, 2005.
6. M. R. Olthof, T. Van Vliet, P. Verhoef, P. L. Zock, and M. B. Katan. Effect of homocysteine-lowering nutrients on blood lipids: results from four randomised, placebo-controlled studies in healthy humans. *PLoS.Med* 2:e135, 2005.
7. P. L. Goyens, M. E. Spilker, P. L. Zock, M. B. Katan, and R. P. Mensink. Compartmental modeling to quantify alpha-linolenic acid conversion after longer term intake of multiple tracer boluses. *J Lipid Res.* 46:1474-1483, 2005.
8. M. V. Boekschoten, M. K. Hofman, R. Buytenhek, E. G. Schouten, H. M. Princen, and M. B. Katan. Coffee oil consumption increases plasma levels of 7alpha-hydroxy-4-cholesten-3-one in humans. *J Nutr* 135:785-789, 2005.
9. M. B. Katan and E. Schouten. Caffeine and arrhythmia. *Am.J.Clin.Nutr.* 81:539-540, 2005.
10. M. B. Katan. [Cost of foods fortified with plant sterols refunded by a health insurance company]. *Ned.Tijdschr.Geneeskd.* 149:330-332, 2005.
11. A. Geelen, I. A. Brouwer, E. G. Schouten, A. C. Maan, M. B. Katan, and P. L. Zock. Effects of n-3 fatty acids from fish on premature ventricular complexes and heart rate in humans. *Am.J.Clin.Nutr.* 81:416-420, 2005.
12. C. A. Adebamowo, E. Cho, L. Sampson, M. B. Katan, D. Spiegelman, W. C. Willett, and M. D. Holmes. Dietary flavonols and flavonol-rich foods intake and the risk of breast cancer. *Int J Cancer* 114:628-633, 2005.
13. M. B. Katan. The rise and fall of postprandial lipids. *Neth J Med* 62:265-266, 2004.
14. J. De Vogel, D. S. Jonker-Termont, E. M. van Lieshout, M. B. Katan, and Meer R. van der. Green vegetables, red meat and colon cancer: chlorophyll prevents the cytotoxic and hyperproliferative effects of haem in rat colon. *Carcinogenesis* 26:387-393, 2005.
15. M. B. Katan and N. M. De Roos. Promises and problems of functional foods. *Crit Rev.Food Sci.Nutr* 44:369-377, 2004.
16. van der Meer-van Kraaij, E. Kramer, D. Jonker-Termont, M. B. Katan, Meer R. van der, and J. Keijer. Differential gene expression in rat colon by dietary heme and calcium. *Carcinogenesis* 26:73-79, 2005.
17. E. J. Giltay, L. J. Gooren, A. W. Toorians, M. B. Katan, and P. L. Zock. Docosahexaenoic acid concentrations are higher in women than in men because of estrogenic effects. *Am.J.Clin.Nutr.* 80:1167-1174, 2004.
18. E. J. Giltay, E. J. Duschek, M. B. Katan, P. L. Zock, S. J. Neele, and J. C. Netelenbos. Raloxifene and hormone replacement therapy increase arachidonic acid and docosahexaenoic acid levels in postmenopausal women. *J Endocrinol.* 182:399-408, 2004.
19. M. K. Hofman, R. M. Weggemans, P. L. Zock, E. G. Schouten, M. B. Katan, and H. M. Princen. CYP7A1 A-278C polymorphism affects the response of plasma lipids after dietary cholesterol or cafestol interventions in humans. *J Nutr* 134:2200-2204, 2004.

20. P. Verhoef, G. R. Steenge, E. Boelsma, T. Van Vliet, M. R. Olthof, and M. B. Katan. Dietary serine and cystine attenuate the homocysteine-raising effect of dietary methionine: a randomized crossover trial in humans. *Am.J.Clin.Nutr.* 80:674-679, 2004.
21. M. V. Boekschoten, E. G. Schouten, and M. B. Katan. Coffee bean extracts rich and poor in kahweol both give rise to elevation of liver enzymes in healthy volunteers. *Nutr J* 3:7, 2004.
22. A. Geelen, I. A. Brouwer, P. L. Zock, and M. B. Katan. Antiarrhythmic effects of n-3 fatty acids: evidence from human studies. *Curr.Opin.Lipidol.* 15:25-30, 2004.
23. M. N. Vissers, P. L. Zock, and M. B. Katan. Bioavailability and antioxidant effects of olive oil phenols in humans: a review. *Eur.J Clin Nutr* 58:955-965, 2004.
24. P. Verhoef and M. B. Katan. A healthy lifestyle lowers homocysteine, but should we care? *Am.J.Clin.Nutr.* 79:713-714, 2004.
25. A. Geelen, I. A. Brouwer, E. G. Schouten, C. Kluft, M. B. Katan, and P. L. Zock. Intake of n-3 fatty acids from fish does not lower serum concentrations of C-reactive protein in healthy subjects. *Eur.J Clin Nutr* 58:1440-1442, 2004.
26. M. B. Katan. Commentary: Mendelian Randomization, 18 years on. *Int J Epidemiol.* 33:10-11, 2004.
27. M. B. Katan. Apolipoprotein E isoforms, serum cholesterol, and cancer. 1986. *Int J Epidemiol.* 33:9, 2004.
28. I. A. Brouwer, M. B. Katan, and P. L. Zock. Dietary alpha-linolenic acid is associated with reduced risk of fatal coronary heart disease, but increased prostate cancer risk: a meta-analysis. *J Nutr* 134:919-922, 2004.
29. M. A. Pereira, R. M. Weggemans, D. R. Jacobs, Jr., P. J. Hannan, P. L. Zock, J. M. Ordovas, and M. B. Katan. Within-person variation in serum lipids: implications for clinical trials. *Int J Epidemiol.* 33:534-541, 2004.
30. S. J. Ten Bruggencate, I. M. Bovee-Oudenhoven, M. L. Lettink-Wissink, M. B. Katan, and Meer R. van der. Dietary fructo-oligosaccharides and inulin decrease resistance of rats to salmonella: protective role of calcium. *Gut* 53:530-535, 2004.
31. A. Melse-Boonstra, C. E. West, M. B. Katan, F. J. Kok, and P. Verhoef. Bioavailability of heptaglutamyl relative to monoglutamyl folic acid in healthy adults. *Am.J.Clin.Nutr.* 79:424-429, 2004.
32. Reddy K. Srinath and M. B. Katan. Diet, nutrition and the prevention of hypertension and cardiovascular diseases. *Public Health Nutr* 7:167-186, 2004.
33. M. B. Katan. Health claims for functional foods. *BMJ* 328:180-181, 2004.
34. M. V. Boekschoten, M. F. Engberink, M. B. Katan, and E. G. Schouten. Reproducibility of the serum lipid response to coffee oil in healthy volunteers. *Nutr J* 2:8, 2003.
35. I. A. Brouwer, P. L. Zock, E. F. Wever, R. N. Hauer, A. J. Camm, D. Bocker, P. Otto-Terlouw, M. B. Katan, and E. G. Schouten. Rationale and design of a randomised controlled clinical trial on supplemental intake of n-3 fatty acids and incidence of cardiac arrhythmia: SOFA. *Eur.J Clin Nutr* 57:1323-1330, 2003.
36. M. G. Hertog, E. J. Feskens, P. C. Hollman, M. B. Katan, and D. Kromhout. Dietary flavonoids and cancer risk in the Zutphen Elderly Study. *Nutr Cancer* 22:175-184, 1994.
37. N. M. De Roos, E. G. Schouten, and M. B. Katan. Trans fatty acids, HDL-cholesterol, and cardiovascular disease. Effects of dietary changes on vascular reactivity. *Eur.J Med Res.* 8:355-357, 2003.
38. M. B. Katan, S. M. Grundy, P. Jones, M. Law, T. Miettinen, and R. Paoletti. Efficacy and safety of plant stanols and sterols in the management of blood cholesterol levels. *Mayo Clin Proc.* 78:965-978, 2003.
39. A. Geelen, P. L. Zock, C. A. Swenne, I. A. Brouwer, E. G. Schouten, and M. B. Katan. Effect of n-3 fatty acids on heart rate variability and baroreflex sensitivity in middle-aged subjects. *Am Heart J* 146:E4, 2003.
40. M. B. Katan, J. L. Harryvan, and Bovenkamp P. van de. n-3 fatty acids in human fat tissue aspirates are stable for up to 6 y. *Eur.J Clin Nutr* 57:816-818, 2003.
41. M. R. Olthof, P. C. Hollman, M. N. Buijsman, J. M. Van Amelsvoort, and M. B. Katan. Chlorogenic acid, quercetin-3-rutinoside and black tea phenols are extensively metabolized in humans. *J Nutr* 133:1806-1814, 2003.
42. G. R. Steenge, P. Verhoef, and M. B. Katan. Betaine supplementation lowers plasma homocysteine in healthy men and women. *J Nutr* 133:1291-1295, 2003.

43. F. V. van Oort, A. Melse-Boonstra, I. A. Brouwer, R. Clarke, C. E. West, M. B. Katan, and P. Verhoef. Folic acid and reduction of plasma homocysteine concentrations in older adults: a dose-response study. *Am.J.Clin.Nutr.* 77:1318-1323, 2003.
44. R. P. Mensink, P. L. Zock, A. D. Kester, and M. B. Katan. Effects of dietary fatty acids and carbohydrates on the ratio of serum total to HDL cholesterol and on serum lipids and apolipoproteins: a meta-analysis of 60 controlled trials. *Am.J.Clin.Nutr.* 77:1146-1155, 2003.
45. N. M. De Roos, M. L. Bots, E. G. Schouten, and M. B. Katan. Within-subject variability of flow-mediated vasodilation of the brachial artery in healthy men and women: implications for experimental studies. *Ultrasound Med Biol.* 29:401-406, 2003.
46. E. J. Giltay, J. M. Geleijnse, E. G. Schouten, M. B. Katan, and D. Kromhout. High stability of markers of cardiovascular risk in blood samples. *Clin Chem* 49:652-655, 2003.
47. N. M. De Roos and M. B. Katan. [Nutrition and health--sense and nonsense regarding food supplements and functional foods]. *Ned.Tijdschr.Geneeskd.* 147:60-65, 2003.
48. F. M. Sacks and M. Katan. Randomized clinical trials on the effects of dietary fat and carbohydrate on plasma lipoproteins and cardiovascular disease. *Am J Med* 113 Suppl 9B:13S-24S, 2002.
49. M. B. Katan and N. M. De Roos. Public health. Toward evidence-based health claims for foods. *Science* 299:206-207, 2003.
50. N. M. De Roos, E. G. Schouten, L. M. Scheek, A. Van Tol, and M. B. Katan. Replacement of dietary saturated fat with trans fat reduces serum paraoxonase activity in healthy men and women. *Metabolism* 51:1534-1537, 2002.
51. J. Fernandes, M. B. Katan, and W. Hart. [Nutrition and health]. *Ned.Tijdschr.Geneeskd.* 146:2225, 2002.
52. P. Verhoef, W. J. Pasman, T. Van Vliet, R. Urgert, and M. B. Katan. Contribution of caffeine to the homocysteine-raising effect of coffee: a randomized controlled trial in humans. *Am.J.Clin.Nutr.* 76:1244-1248, 2002.
53. A. Geelen, P. L. Zock, J. H. de Vries, and M. B. Katan. Apolipoprotein E polymorphism and serum lipid response to plant sterols in humans. *Eur.J Clin Invest* 32:738-742, 2002.
54. L. Sampson, E. Rimm, P. C. Hollman, J. H. de Vries, and M. B. Katan. Flavonol and flavone intakes in US health professionals. *J Am Diet.Assoc.* 102:1414-1420, 2002.
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56. M. B. Katan. The term prospective trial is a pleonasm. *Lancet* 360:806, 2002.
57. R. M. Weggemans, P. L. Zock, E. S. Tai, J. M. Ordovas, H. O. Molhuizen, and M. B. Katan. ATP binding cassette G5 C1950G polymorphism may affect blood cholesterol concentrations in humans. *Clin Genet.* 62:226-229, 2002.
58. N. M. De Roos, E. Siebelink, M. L. Bots, A. Van Tol, E. G. Schouten, and M. B. Katan. Trans monounsaturated fatty acids and saturated fatty acids have similar effects on postprandial flow-mediated vasodilation. *Eur.J Clin Nutr* 56:674-679, 2002.
59. A. H. Terpstra, A. C. Beynen, H. Everts, S. Kocsis, M. B. Katan, and P. L. Zock. The decrease in body fat in mice fed conjugated linoleic acid is due to increases in energy expenditure and energy loss in the excreta. *J Nutr* 132:940-945, 2002.
60. R. Kraayenhof, M. B. Katan, and T. Grunwald. The effect of temperature on energy-linked functions in chloroplasts. *FEBS Lett.* 19:5-10, 1971.
61. M. N. Vissers, P. L. Zock, A. J. Roodenburg, R. Leenen, and M. B. Katan. Olive oil phenols are absorbed in humans. *J Nutr* 132:409-417, 2002.
62. I. A. Brouwer, P. L. Zock, L. G. van Amelsvoort, M. B. Katan, and E. G. Schouten. Association between n-3 fatty acid status in blood and electrocardiographic predictors of arrhythmia risk in healthy volunteers. *Am J Cardiol.* 89:629-631, 2002.
63. M. J. Grubben, F. M. Nagengast, M. B. Katan, and W. H. Peters. The glutathione biotransformation system and colorectal cancer risk in humans. *Scand.J Gastroenterol.Suppl*:68-76, 2001.
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