

Publications

Full papers

- 2009 van Loo-Bouwman CA, West CE, van Breemen RB, Zhu D, Siebelink E, Versloot P, Hulshof PJ, **van Lieshout M**, Russel FG, Schaafsma G, Naber TH. Vitamin A equivalency of β -carotene in healthy adults: limitation of the extrinsic dual-isotope dilution technique to measure matrix effect. *Br J Nutr* 2009;**101**:1837-45.
- 2007 **van Lieshout M**. Gezondheidseffecten van tomaten meer dan lycopene alleen. *Voeding Nu* 2007;**12**:26-8.
- 2007 Loots DT, **van Lieshout M**, Lachmann G. Sodium iron (III) ethylenediaminetetraacetic acid synthesis to reduce iron deficiency globally. *Eur J Clin Nutr* 2007;**61**:287-9.
- 2006 O'Kennedy N, Crosbie L, **van Lieshout M**, Broom JI, Webb DJ, Duttaroy AK. Effects of antiplatelet components of tomato extract on platelet function in vitro and ex vivo: a time-course cannulation study in healthy humans. *Am J Clin Nutr* 2006;**84**:570-9.
- 2003 **van Lieshout M**, West CE, van de Bovenkamp P, Wang Y, Sun Y, van Breemen RB, Permaesih D, Muhilal, Verhoeven MA, Creemers AFL, Lugtenburg J. Extraction of carotenoids from feces, enabling the bioavailability of β -carotene to be studied in Indonesian children. *J Agric Food Chem* 2003;**51**:5123-30.
- 2003 **van Lieshout M**, West CE, van Breemen RB. Isotopic tracer techniques for studying the bioavailability and bioefficacy of dietary carotenoids, particularly β -carotene, in humans: a review. *Am J Clin Nutr* 2003;**77**:12-28.
- 2002 West CE, Eilander A, **van Lieshout M**. Consequences of revised estimates of carotenoid bioefficacy for the dietary control of vitamin A deficiency in developing countries. *J Nutr* 2002;**132**:2920S-6S.
- ⇒ See also corresponding letter to the editor by Russell et al. Retinol equivalency ratio of β -carotene. *J Nutr* 2003;**133**:2915-6.
- ⇒ See also West CE, Eilander A, **van Lieshout M**. Reply to Russell et al. *J Nutr* 2003;**133**:2917.
- 2001 **van Lieshout M**, West CE, Muhilal, Permaesih D, Wang Y, Xu X, van Breemen RB, Creemers AFL, Verhoeven MA, Lugtenburg J. Bioefficacy of β -carotene dissolved in oil studied in children in Indonesia. *Am J Clin Nutr* 2001;**73**:949-58.
- ⇒ See also corresponding editorial by Solomons and Russell. 'Appropriate technology' for vitamin A field research. *Am J Clin Nutr* 2001;**73**:849-50.
- 2000 Wang Y, Xu X, **van Lieshout M**, West CE, Lugtenburg J, Verhoeven MA, Creemers AFL, Muhilal, van Breemen RB. A liquid chromatography-mass spectrometry method for the quantification of bioavailability and bioconversion of β -carotene to retinol in humans. *Anal Chem* 2000;**72**:4999-5003.
- 1998 van Breemen RB, Nikolic D, Xu X, Xiong Y, **van Lieshout M**, West CE, Schilling AB. Development of a method for quantitation of retinol and retinyl palmitate in human serum using high-performance liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. *J Chromatogr A* 1998;**794**:245-51.

Book chapter

- 2005 **van Lieshout M** and West CE. Vitamin A in health and disease in developing countries. In: Packer L, Obermueller-Jevic U, Kraemer K, Sies H (eds.) *Carotenoids and retinoids: molecular aspects and health issues*. Champaign, IL: AOCS press, 2005 (275-294).

Other publications

- 2005 **van Lieshout M** and de Pee S. Vitamin A equivalency estimates: understanding apparent differences. *Am J Clin Nutr* 2005;**81**:943-45.
- 2005 Bouwman CA and **van Lieshout M**. Bioavailability and biofortification. *Sight and Life* 2005;1:28-29.
- 2004 Schonfeldt H and **van Lieshout M** (eds.). Micronutrient Malnutrition. *Course Manual*. University Pretoria, South Africa, 2004.
- ⇒ **van Lieshout M** and West CE. Chapter 1. Introduction to Malnutrition.
 - ⇒ **van Lieshout M** and West CE. Chapter 2. Vitamin A.
 - ⇒ **van Lieshout M** and West CE. Chapter 8. Fighting micronutrient malnutrition.
 - ⇒ **van Lieshout M**, Scott V, Chopra M, Sanders D. Chapter 9. Conceptual framework for understanding and combating micronutrient deficiencies.
- 2000 van der Gaag M, **van Lieshout M**, Melse A, Olthof M, Tiemersma E, Vissers M. Stap naar hechtere samenwerking tussen Nederland en Zuid-Afrika. Wageningse aio's op studiereis naar Zuid-Afrika. (Towards close collaboration between Netherlands and South Africa. Wageningen's PhD's on a study trip to South Africa.) *Voeding Nu* 2000;**2**:28-9 (in Dutch).
- 1996 West CE and **van Lieshout M**. Forum discussion: less vitamin A, more β -carotene? *Eur J Clin Nutr* 1996;**50**:85S-7S.
- 1996 van Lieshout M. Manual de capacitación sobre nutrición familiar. (Manual for training in family nutrition.). Guatemala City: Proyecto de los Cuchumatanes, 1996 (in Spanish).

Selected abstracts in published conference proceedings

- 2004 Bouwman CA, West CE, van Breemen RB, Zhu D, **van Lieshout M**, Siebelink E, Versloot P, Naber AHJ. Vitamin A equivalency of β -carotene in oil in healthy Dutch adults measured using specifically ^{13}C -labelled β -carotene and retinol. *Report of the XXII International Vitamin A Consultative Group meeting*. Washington, DC: ILSI, 2004,36 (abstr).
- 2004 Schutte AE, **van Lieshout M**, Schwarz P, Olckers A, Huisman HW, van Rooyen JM, Kruger A, Malan NT. Difficulties in classifying Africans with the metabolic syndrome: The POWIRS study. *1st Regional Congress of the International Association for the Study of Obesity*. Sun City, South Africa (abstr).
- 2002 van Breemen RB, Wang Y, **van Lieshout M**, West CE. Experimental design and application of LC-MS-MS and stable isotope labeling for determination of carotenoid bioavailability. *Proceedings 50th ASMS Conference on Mass Spectrometry and Allied Topics*. 2002;77-8.
- 2001 **van Lieshout M**, West CE, Permaesih D, Muhilal, Wang Y, van Breemen RB, Creemers AFL, Verhoeven MA, Lugtenburg J. Bioefficacy of β -carotene in spinach and pumpkin consumed by Indonesian children. *Ann Nutr Metab* 2001;**45**:S35 (abstr).

Theses

- PhD **van Lieshout M**. Bioavailability and bioefficacy of β -carotene measured using ^{13}C -labeled β -carotene and retinol: studies in Indonesian children. Wageningen: Wageningen University, 2001 (with summaries in English, Dutch, Indonesian and Spanish).
- MSc **van Lieshout M**. The extent of conversion of β -carotene to retinol in man: development of a stable isotope method. Wageningen: Wageningen University, 1995.
- MSc **van Lieshout M**. Jodium-opname door de schildklier in de jodiumdeficiënte, drachtige rat. Wageningen: Wageningen University, 1993 (in Dutch).