

Publicaties

Peer reviewed journals

Joordens JC, **Kuipers RS**, Wanink JH, Muskiet FA. A fish is not a fish: Patterns in fatty acid composition of aquatic food may have had implications for hominin evolution. *J Hum Evol.* 2014 Jul 25. pii: S0047-2484(14)00086-4

Ruiz-Núñez B, **Kuipers RS**, Luxwolda MF, De Graaf DJ, Breeuwsma BB, Dijck-Brouwer DA, Muskiet FA. Saturated fatty acid (SFA) status and SFA intake exhibit different relations with serum total cholesterol and lipoprotein cholesterol: a mechanistic explanation centered around lifestyle-induced low-grade inflammation. *J Nutr Biochem.* 2014 Mar;25(3):304-12

Luxwolda MF, **Kuipers RS**, Koops JH, Muller S, de Graaf D, Dijck-Brouwer DA, Muskiet FA. Interrelationships between maternal DHA in erythrocytes, milk and adipose tissue. Is 1 wt% DHA the optimal human milk content? Data from four Tanzanian tribes differing in lifetime stable intakes of fish. *Br J Nutr.* 2014 Mar 14;111(5):854-66

Luxwolda MF, **Kuipers RS**, Boersma ER, van Goor SA, Bos, AF, Dijck-Brouwer DA, Muskiet FA. DHA status is positively related to motor development in breastfed African and Dutch infants. *Nutr Neurosci.* 2014 Apr;17(3):97-103.

Luxwolda MF, **Kuipers RS**, Kema IP, van der Veer E, Dijck-Brouwer DA, Muskiet FA. Vitamin D status indicators in indigenous populations in East Africa. *Eur J Nutr.* 2013 Apr;52(3):1115-25

Luxwolda MF, **Kuipers RS**, Kema IP, Dijck-Brouwer DA, Muskiet FA. Traditionally living populations in East-Africa have a mean serum 25-hydroxyvitamin D concentration of 115 nmol/L. *British Journal Nutrition*, 2012.

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Kuipers RS, Joordens JC, Muskiet FA. A multidisciplinary reconstruction of Paleolithic nutrition that holds promise for prevention and treatment of diseases of civilization. *Nutr reviews* 2013.

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Kuipers RS, Luxwolda MF, Offringa PJ, Rudi Boersma E, Dijck-Brouwer DA, Muskiet FA. Fetal intrauterine whole body linoleic, arachidonic and docosahexaenoic acid contents and accretion rates. *Prostaglandins Leukot Essent Fatty Acids.* 2011 Nov 22. [Epub ahead of print]

Kuipers RS, Luxwolda MF, Offringa PJ, Martini IA, Boersma ER, Dijck-Brouwer DA, Muskiet FA. Gestational age dependent content, composition and intrauterine accretion rates of fatty acids in fetal white adipose tissue. *Prostaglandins Leukot Essent Fatty Acids.* 2011 Nov 15. [Epub ahead of print]

Kuipers RS, Luxwolda MF, Sango WS, Kwesigabo G, Dijck-Brouwer DA, Muskiet FA. Fatty acid compositions of preterm and term colostrum, transitional and mature milk in a population with high freshwater fish intake. Submitted.

Kuipers RS, Luxwolda MF, Dijck-Brouwer DA, Muskiet FA. Differences in preterm and term milk fatty acid compositions may be caused by the different hormonal milieu of early parturition. *Prostaglandins Leukot Essent Fatty Acids.* 2011 Dec;85(6):369-79. Epub 2011 Sep 7.

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Joordens JC, **Kuipers RS**, Muskiet FA. Preformed dietary DHA: The answer to a scientific question may in practice become translated to its opposite. *Am J Hum Biol.* 2007 Jul-Aug;19(4):582-4.

Kuipers RS, Smit EN, van der Meulen J, Janneke Dijck-Brouwer DA, Rudy Boersma E, Muskiet FA. Milk in the island of Chole (Tanzania) is high in lauric, myristic, arachidonic and docosahexaenoic acids, and low in linoleic acid reconstructed diet of infants born to our ancestors living in tropical coastal regions. *Prostaglandins Leukot Essent Fatty Acids.* 2007 Apr;76(4):221-33. Epub 2007 Mar 23.

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Book Chapters

Muskiet FAJ, **Kuipers RS**. Lessons from shore-based hunter-gatherer diets in East Africa. In: *Human Brain Evolution*. Eds. Cunnane SC and Stewart KM, Wiley-Blackwell Hoboken, New Jersey; 2010; ISBN: 978-0-470-45268-4.

Non peer reviewed journals

E.A.M. Kuijper, **RS Kuipers**, MJ Lambers, AC Bolte, RB van Loon, V. Mijatovic. 'Gebroken hart' na diagnostische laparoscopie. *NTOG*. Vol. 126. Nov 2013.

RS Kuipers, MF Luxwolda, FAJ Muskiet. Geneeskunde volgens Darwin. *Medisch Contact*. Jan 2010.

RS Kuipers, ESA van den Akker, JJHM Erwich, HR Verhoeve, B Torrenza en JLG Blaauwgeers. Een ectopische zwangerschap? *Tijdschr Verlosk*. Nov, 2008.

RS Kuipers & FAJ Muskiet. Lange keten meervoudig onverzadigde vetzuren in zwangerschap en lactatie. *Tijdschr Verlosk*. Okt. 2008.

Papers presented at conferences

Kuipers RS, Fokkema MR, Smit EN, van der Meulen J, Boersma ER, Muskiet FA. High contents of both docosahexaenoic and arachidonic acids in milk of women consuming fish from lake Kitangiri (Tanzania): targets for infant formulae close to our ancient diet? *NVKC Congress 2006*, Lunteren, The Netherlands and *ISSFAL Congress 2006*, Cairns, Australia.

Kuipers RS, Offringa PJ, Dijck-Brouwer DA, Boersma ER, Muskiet FA. Fatty acid content and composition of subcutaneous adipose tissue across the life cycle in Curaçao (Netherlands Antilles). *ISSFAL Congress 2006*, Cairns, Australia.

Kuipers RS, te Linteloo JV, Landman H, Dijck-Brouwer DA, Muskiet FA. High maternal pre-pregnancy weight is associated with lower newborn essential fatty acid (EFA) and long chain polyunsaturated fatty acid (LCP) status. *ISSFAL Congress 2006*, Cairns, Australia.

Kuipers RS, Huiskes VJ, Velzing-Aarts FV, van der Meulen J, Dijck-Brouwer DA, Muskiet FA. Lower long chain polyunsaturated fatty acids and higher *de novo* synthesized fatty acids in babies born to preeclamptic mothers with high intakes of arachidonic and docosahexaenoic acids from freshwater fish. *ISSFAL Congress 2006*, Cairns, Australia.

Kuipers RS, Luxwolda MF, Sango WS, Kwesigabo G, Dijck-brouwer DAJ, Muskiet FAJ. The relation between DHA and AA is synergistic at low DHA status and antagonistic at high DHA status. *ISSFAL Congress 2010*, Maastricht, Netherlands.

Kuipers RS, Luxwolda MF, Sango WS, Kwesigabo G, Dijck-brouwer DAJ, Muskiet FAJ. Maternal and infant docosahexaenoic acid (DHA) equilibrium during pregnancy and lactation. *ISSFAL Congress 2010*, Maastricht, Netherlands.

Kuipers RS, Luxwolda MF, Sango WS, Kwesigabo G, Dijck-brouwer DAJ, Muskiet FAJ. Maternal and infant erythrocyte fatty acid changes during 3 months lactation are likely to be driven by insulin and DHA. *ISSFAL Congress 2010*, Maastricht, Netherlands.

Kuipers RS, Luxwolda MF, Sango WS, Kwesigabo G, Dijck-brouwer DAJ, Muskiet FAJ. Estimated macronutrient and fatty acid intakes from a 3,000 kcal East African Paleolithic diet. ISSFAL Congress 2010, Maastricht, Netherlands.

Awards

Top New Investigator Award; International Society for Study of Fatty Acids and Lipids (ISSFAL) 2010.