

- Fievez V, Vlaeminck B, Dhanoa MS & Dewhurst RJ 2003 Use of principal component analysis to investigate the origin of heptadecenoic and conjugated linoleic acids in milk. *Journal of Dairy Science* **86** 4047–4053
- Garnsworthy PC, Masson LL, Lock AL & Mottram TT 2006 Variation of milk citrate with stage of lactation and de novo fatty acid synthesis in dairy cows. *Journal of Dairy Science* **89** 1604–1612
- Gilmour AR, Gogel BJ, Cullis BR, Welham SJ & Thompson R 2002 *ASReml User Guide Release 1.0*. Hemel Hempstead, UK: VSN International Ltd
- Heck JML, van Valenberg HJF, Dijkstra J & van Hooijdonk ACM 2009 Seasonal variation in the Dutch bovine raw milk composition. *Journal of Dairy Science* **92** 4745–4755
- Jacobs AAA, Van Baal J, Smits MA, Taweel HZH, Hendriks WH, van Vuuren AM & Dijkstra J 2011 Effects of feeding rapeseed oil, soybean oil or linseed oil on stearoyl-coa desaturase expression in the mammary gland of dairy cows. *Journal of Dairy Science* **94** 874–887
- Jenkins TC, Wallace RJ, Moate PJ & Mosley EE 2008 Recent advances in biohydrogenation of unsaturated fatty acids within the rumen microbial ecosystem. *Journal of Animal Science* **86** 397–412
- Jensen RG 2002 The composition of bovine milk lipids: January 1995 to December 2000. *Journal of Dairy Science* **85** 295–350
- Kliem KE, Morgan R, Humphries DJ, Shingfield KJ & Givens DI 2008 Effect of replacing grass silage with maize silage in the diet on bovine milk fatty acid composition. *Animal* **2** 1850–1880
- Leonard AE, Pereira SL, Sprecher H & Huang YS 2004 Elongation of long-chain fatty acids. *Progress in Lipid Research* **43** 36–54
- Loor JJ, Ferlay A, Ollier A, Doreau M & Chilliard Y 2005 Relationship among *trans* and conjugated fatty acids and bovine milk fat yield due to dietary concentrate and linseed oil. *Journal of Dairy Science* **88** 726–740
- Luna P, Rodriguez-Pino V & de la Fuente MA 2009 Occurrence of C16:1 isomers in milk fats from ewes fed with different dietary lipid supplements. *Food Chemistry* **117** 248–253
- Massart-Leën AM & Massart DL 1981 The use of clustering techniques in the elucidation or confirmation of metabolic pathways. *Biochemical Journal* **196** 611–618
- Massart-Leën AM, Roets E, Peeters G & Verbeke R 1983 Propionate for fatty acid synthesis by the mammary gland of the lactating goat. *Journal of Dairy Science* **66** 1445–1454
- Mensink RP, Zock PL, Kester ADM & Katan MB 2003 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. *American Journal of Clinical Nutrition* **77** 1146–1155
- Moate PJ, Chalupa W, Boston RC & Lean IJ 2007 Milk fatty acids I: variation in the concentration of individual fatty acids in bovine milk. *Journal of Dairy Science* **90** 4730–4739
- Moate PJ, Chalupa W, Boston RC & Lean IJ 2008 Milk fatty acids II: prediction of the production of individual fatty acids in bovine milk. *Journal of Dairy Science* **91** 1175–1188
- Odongo NE, Or-Rashid MM, Kebreab E, France J & McBride BW 2007 Effect of supplementing myristic acid in dairy cow rations on ruminal methanogenesis and fatty acid profile in milk. *Journal of Dairy Science* **90** 1851–1858
- Rutten MJM, Bovenhuis H, Hettinga KA, van Valenberg HJF & van Arendonk JAM 2009 Predicting bovine milk fat composition using infrared spectroscopy based on milk samples collected in winter and summer. *Journal of Dairy Science* **92** 6202–6209
- Schennink A, Stoop WM, Visser M, Heck JML, Bovenhuis H, van der Poel JJ, van Valenberg HJF & van Arendonk JAM 2007 DGAT1 underlies large genetic variation in milk-fat composition of dairy cows. *Animal Genetics* **38** 467–473
- Schennink A, Heck JML, Bovenhuis H, Visser M, van Valenberg HJF & van Arendonk JAM 2008 Milk fatty acid unsaturation: genetic parameters and effects of stearoyl-CoA desaturase (SCD1) and acyl CoA: diacylglycerol acyltransferase 1 (DGAT1). *Journal of Dairy Science* **91** 2135–2143
- Shingfield KJ, Reynolds CK, Lupoli B, Toivonen V, Yurawecz MP, Delmonte P, Griinari JM, Grandison AS & Beever DE 2005 Effect of forage type and proportion of concentrate in the diet on milk fatty acid composition in cows given sunflower oil and fish oil. *Animal Science* **80** 225–238
- Stoop WM, van Arendonk JAM, Heck JML, van Valenberg HJF & Bovenhuis H 2008 Genetic parameters for major milk fatty acids and milk production traits of Dutch Holstein–Friesians. *Journal of Dairy Science* **91** 385–394
- Stoop WM, Bovenhuis H, Heck JML & van Arendonk JAM 2009 Effect of lactation stage and energy status on milk fat composition of Holstein–Friesian cows. *Journal of Dairy Science* **92** 1469–1478
- Van Bruggen C 2007 *Dierlijke mest en mineralen 2005*. Voorburg/Heerlen: Centraal Bureau voor de Statistiek
- Van Zijderveld SM, Fonken B, Dijkstra J, Gerrits WJJ, Perdok HB, Fokkink W & Newbold JR 2011 Effects of a combination of feed additives on methane production, diet digestibility and animal performance in lactating cows. *Journal of Dairy Science* **94** 1445–1454
- Vlaeminck B, Fievez V, Cabrita ARJ, Fonseca AJM & Dewhurst RJ 2006 Factors affecting odd- and branched-chain fatty acids in milk: a review. *Animal Feed Science and Technology* **131** 389–417
- Walstra P, Wouters JTM & Geurts TJ 2006 *Dairy Science and Technology*, 2nd edition. Taylor & Francis, CRC Press, London
- Wilmink JBM 1987 Adjustment of test-day milk, fat and protein yield for age, season and stage of lactation. *Livestock Production Science* **16** 335–348

Journal of Dairy Research (2012) **79** 46. © Proprietors of *Journal of Dairy Research* 2011
doi:10.1017/S0022029911000860

CORRIGENDUM

Characterization of milk fatty acids based on genetic and herd parameters – CORRIGENDUM

Jeroen ML Heck, Heim JF van Valenberg, Henk Bovenhuis, Jan Dijkstra and Toon CM van Hooijdonk

doi:10.1017/S0022029911000641, Published online by Cambridge University Press, 14 October 2011.

In the article by Heck *et al.* (2012) the name of the corresponding author is Dr Hein JF van Valenberg and not Heim as originally published. We apologise for this error.

Reference

Heck JML, van Valenberg HJF, Bovenhuis H, Dijkstra J & van Hooijdonk TCM 2012 *Journal of Dairy Research* **79** 39–46.