Starting in the 1990s, an ever-increasing number of papers about conjugated linoleic acid (CLA) are published yearly. From 1999 on it has become clear that different CLA isomers have different physiological effects (Martin and Valeille, 2002). Consequently, when referring to CLA in general, and to CLA in milk fat in particular, it would be better to clearly state which isomer is meant. For milk, “C18:2 \textit{cis}-9, \textit{trans}-11” or “rumenic acid” is the main isomer, and this term should be used in preference to CLA. It can be foreseen that the term CLA might be associated with negative health effects, as a result of the liver-fattening and liver-enlarging effects of CLA \textit{trans}-10, \textit{cis}-12 found in experimental animals (De Deckere et al., 1999; Warren et al., 2003). This could negatively influence the health image of dairy products.

Similarly, for “C18:1 \textit{trans}-11” the name “vaccenic acid” could be used to avoid negative associations with \textit{trans} fatty acids in general.

Rumenic acid and vaccenic acid have similar, positive health effects. Because rumenic acid and vaccenic acid are both omega-7, or n-7 fatty acids, which are naturally present almost only in milk and meat from ruminants, it could be advantageous to refer to them as n-7 fatty acids, or use their individual trivial names, in order to avoid confusion with other CLA isomers or \textit{trans} fatty acids.

Other n-7 fatty acids occur only sparsely in fats and oils (http://msdlocal.ebi.ac.uk/docs/chem_comp/fatty_acids.html), and their physiological effects are not well documented. Because these rare fatty acids are almost absent in the human diet, the term n-7 fatty acids would be appropriate to characterize rumenic and vaccenic acid as highly interesting components with positive health effects in milk fat.

REFERENCES

