The root cause of low milk fat is never simply one thing. These risk factors are overlapping and interacting as they cause milk fat inhibiting CLAs to be produced from unsaturated FAs, directly reducing milk fat production in the mammary gland.

*Adapted from slide presentations of Dr. Tom Jenkins*
An alternate pathway for biohydrogenation occurs when too much unprotected, unsaturated FAs are released in the rumen. This produces a buildup of intermediates from the trans 10 pathway that directly inhibits milk fat production in the mammary gland.