Levels of phytosterols in the blood and tissues may reach high levels during parenteral lipid administration and may be toxic to cells” Zaloga (2015).

Abstract:

Phytosterols are plant-derived sterols that are structurally and functionally analogous to cholesterol in vertebrate animals. Phytosterols are found in many foods and are part of the normal human diet. However, absorption of phytosterols from the diet is minimal.

Reference: