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Lipid Replacement Therapy, the use of functional oral supplements containing cell membrane phospholipids and antioxidants, has been used to replace damaged, usually oxidized, membrane glycerophospholipids that accumulate during aging and in various clinical conditions in order to restore cellular function. Membrane Lipid Replacement is the use of functional, oral supplements containing mixtures of cell membrane glycerolphospholipids, plus fructooligosaccharides (for protection against oxidative, bile acid and enzymatic damage) and antioxidants, in order to safely replace damaged, oxidized, membrane phospholipids and restore membrane, organelle, cellular and organ function. The most important adverse side effects are muscle problems, an increased risk of diabetes mellitus, and increased liver enzymes in the blood due to liver damage. Over 5 years of treatment statins result in 75 cases of diabetes, 7.5 cases of bleeding stroke, and 5 cases of muscle damage per 10,000 people treated. This could be due to the statins inhibiting the enzyme (HMG-CoA reductase), which ... Tetrodotoxin (TTX) is a potent neurotoxin. Its name derives from Tetraodontiformes, an order that includes pufferfish, porcupinefish, ocean sunfish, and triggerfish; several of these species carry the toxin. Although tetrodotoxin was discovered in these fish and found in several other aquatic animals (e.g., in blue-ringed octopuses, rough-skinned newts, and moon snails), it is actually produced ... - Molecular And Cellular Mechanisms Of Alcohol And Anesthetics - Volume 625, June 28, 1991