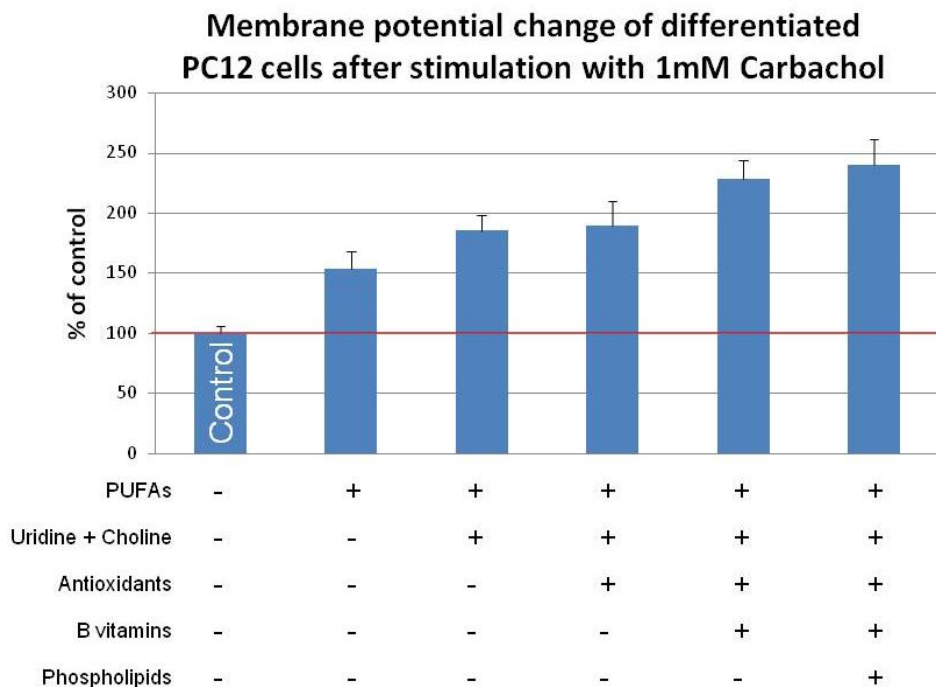


**Fig. 1:** Effects of *n3*-PUFAs, uridine, choline, phospholipids, antioxidants, and B-vitamins on Carbachol-induced changes in membrane potential. Supplementation with PUFAs was found to enhance the effects of muscarinic receptor stimulation. Other classes of nutrients either induced a non-significant increase or a small decrease in membrane potential as compared to control, when given alone.



**Fig. 2:** Effects of combining *n3*-PUFAs, uridine, choline, antioxidants, B-vitamins, and phospholipids on Carbachol-induced changes in membrane potential. Additional supplementations on top of the PUFAs were found to further enhance the effects of muscarinic receptor stimulation as compared to control.