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Search	The influence of lipid composition and ${f b}$ -carotene on lipid peroxidation in liposomes
\sim	"Mohammad N. Sarbolouki, Pegah Maghdooni Bagheri, Vahid Saneei "
About this Journal	Abstract:
Instruction to Authors	Oxidative damage to membrane linid is one of the prime events occurring in aging and other undesirable physiological
Online Submission	processes. In this study experiments were performed on liposomes (prepared either from crude erythrocyte
Subscription	phospholipids or purified egg yolk phosphatidylcholine) as models of lipid bilayer portion of biomembranes. The effects of
Contact Us	 b -carotene, and phospholipid composition on peroxidation process, initiated by Fe2+, were studied. It was found that b -carotene does not show any noticeable antioxidant effect on the peroxidation process initiated by Fe2+ in liposomes prepared from erythrocyte phosphatides, whereas it effectively suppressed the same process in egg yolk
RSS Feed	phosphatidylcholine (EYPC). It is concluded that the anti-/pro-oxidant activity of b – carotene is also dependent on the membrane lipid composition and this may provide an explanation about the conflicting reports on its role in ordinary or promoted oxidation experiments.
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