Royal Jelly Peptides Inhibit Lipid Peroxidation In Vitro and In Vivo
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Summary: Royal jelly peptides (RJPx) isolated from hydrolysates of water-soluble royal jelly proteins prepared with protease P exhibited significantly stronger hydroxyl radical-scavenging activity, and antioxidant activity against lipid peroxidation, than did water-soluble royal jelly protein (WSRJP) in vitro...

Serum total cholesterol (TC) levels were lower while low-density lipoprotein (LDL) and LPO were significantly higher in Group Fe than in Group C. TC and LPO levels were lower in Group Fe+R than in Group Fe.

Our data suggest that RJPx may inhibit LPO both in vitro and in vivo.