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**Anti-Complementary and Alkaline Phosphatase-Inducing Activities of
Glycyrrhizans UA, UB, UC and GA, the Main Immunologically
Active Polysaccharides from the Licorice
Roots and Stolons***

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Three polysaccharides, named glycyrrhizans UA, UB and UC, from the roots of *Glycyrrhiza uralensis*, and a polysaccharide, named glycyrrhizan GA, from the stolons of *Glycyrrhiza glabra* var. *glandulifera*, were investigated for anti-complementary and alkaline phosphatase-inducing activities. These substances have been obtained as the immunologically active polysaccharides having significant activity on the reticuloendothelial system. Considerable anti-complementary activity was observed for glycyrrhizans UA, UC and GA. When murine spleen cells were stimulated with these substances, the alkaline phosphatase activity was induced in a dose dependent manner. Glycyrrhizan UB was relatively ineffective on these activities.

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