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Effects of Soybean Pectic Polysaccharide on Cholesterol Levels in Rats

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The effects of soybean pectic polysaccharide on cholesterol metabolism in rats were examined. The polysaccharide gradually repressed the increase in the serum cholesterol level; whereas, citrus pectin rapidly repressed the increase and cholesterol accumulation in the liver was not observed. Significant differences in cecal short-chain fatty acid concentrations were not observed; therefore, further experiments are necessary to clarify the mechanism.

Keywords: [soybean](#), [pectic polysaccharide](#), [cholesterol](#), [rat](#), [hypocholesterolemic effect](#)

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