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Basic study

Integrated metabolomic profiling of the antilipidemic effects of *Polygonatum kingianum* extract on dyslipidemia in rats

Yang XX *et al.* Metabolomic profiling of *P. kingianum*'s anti-dyslipidemia

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Abstract

AIM

To identify the effects and mechanism of action of *Polygonatum kingianum* (*P. kingianum*) on dyslipidemia using an integrated untargeted metabolomic method.

METHODS

A rat model of dyslipidemia was induced with a high-fat diet (HFD) and rats were given *P. kingianum* [4 g/(kg · d)] intragastrically for 14 wk. Changes in serum and hepatic lipid parameters were evaluated. Metabolites in serum, urine and liver samples were profiled using ultra-high performance liquid

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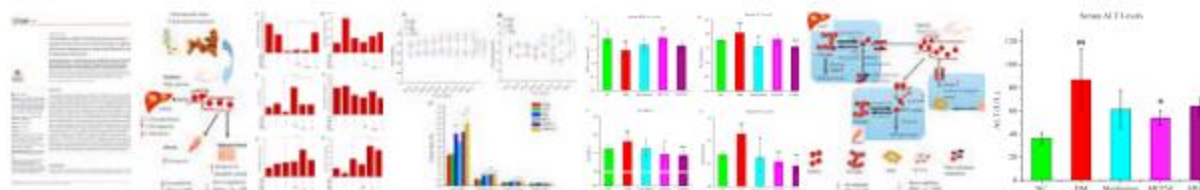
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