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Polymeric bile acid sequestrants: Review of design, *in vitro* binding activities, and hypocholesterolemic effects

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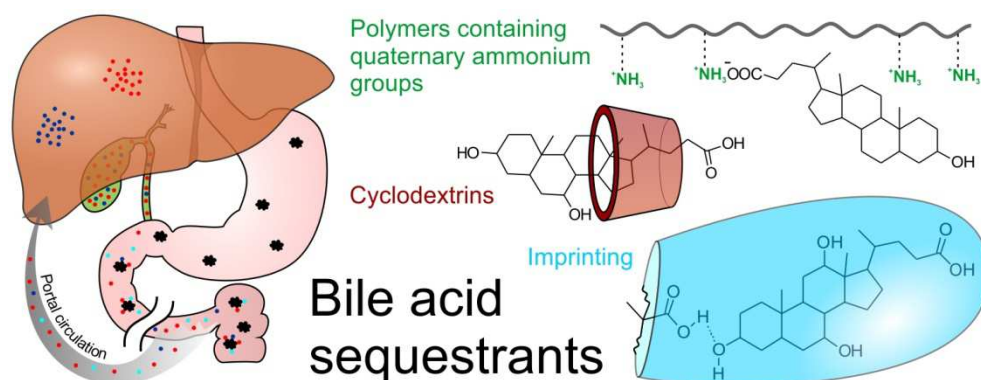
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## Graphical abstract



## Highlights

Polymeric bile acid sequestrants can specifically bind bile acids and prevent their reabsorption into enterohepatic circulation.

Bile acid sequestrants, in addition to their cholesterol-lowering action, have pleiotropic metabolic effects.

Polymers with covalently bonded quaternary ammonium salts, cyclodextrins and molecularly imprinted sequestrants are discussed.

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