

# Co-delivery Of Cholesterol Lowering Drugs And Nutraceuticals

## Categories

[Wellness, Medical and Healthcare](#)

## Technology & Applications

Star polymer occlusion complexes were prepared comprising i) an amphiphilic unimolecular star polymer having a crosslinked core covalently linked to 6 or more independent amphiphilic polymer arms, ii) a nutraceutical (such as coenzyme Q10), and iii) a cholesterol-lowering drug (such as simvastatin). The star polymer occlusion complexes have utility in the medical treatment of high blood cholesterol.

## Advantages

An initial occlusion complex formed with the nutraceutical and the star polymer exhibited improved binding properties for the cholesterol-lowering drug, resulting in improved loading efficiencies for the cholesterol-lowering drug..

## Market Size

## Intellectual Property

PI2018702461 Co-delivery Of Cholesterol Lowering Drugs And Nutraceuticals

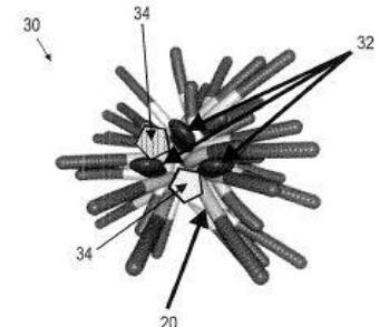
## Inventors

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## Technology Partners

International Business Machines Corporation (IBM)

## Gallery



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