

Review of: "[Review Article] Pitavastatin: A Comprehensive Overview of its Mechanisms, Pharmacokinetics, Pharmacodynamics, and Adverse Effects"

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Potential competing interests: No potential competing interests to declare.

This is a short and excellent review regarding Pitavastatin. The authors present shortly and coherently the basic mechanism of action, the pharmacokinetics, and adverse effects of pitavastatin. In general, the manuscript is mostly pharmaceutically oriented rather than clinically. Even though the manuscript provided significant information regarding Pitavastatin and its action, there are limited issues which decrease the scientific value of the current manuscript.

General Comments:

1. The manuscript is well-written with excellent coherence and logical structure according to the international standards of scientific manuscripts.
2. The English language is excellent, with the form and formality suitable for scientific documents.
3. The authors provide an extensive overview of the mechanisms and pharmaceutical mechanisms of Pitavastatin. In general, statins regard the cornerstone treatment in high-risk patients to prevent future cardiovascular events, and one of the most proven therapies to improve the outcome of patients who have already experienced a cardiovascular event. Therefore, in order to increase the scientific value of the paper, authors should provide a separate paragraph with the most important available literature regarding the clinical effects of pitavastatin in the primary and secondary prevention of cardiovascular disease. Basic clinical data comparing Pitavastatin with other high-intensity statins like Atorvastatin and Rosuvastatin would be welcome for the reader.
4. Authors need to provide a simplified chart/figure on statins' mechanism of action,

Specific comments

PTVS - please indicate the abbreviations early in the manuscript.