Reviewer's report

Title: Cholestasis induces reversible accumulation of periplakin in mouse liver

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Reviewer: Stefano Fiorucci

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The study S. Ito et al., suggests that liver accumulation of periplakin occurs in response to cholestasis and links this finding to the activation of FXR.

Comments

The study contains a number of data and observations appear to be corroborates by investigating PPI expression in normal and diseased livers. Three models of cholestasis have been investigated.

I think the data are well presented. I have the following comments: 1. why GW4064 fails to increase Ppl in the liver; and 2. There is any evidence that the PpL genes has a putative FXRE in its promoter region?.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I have no conflict of interest