Reviewer’s report

Title: Impaired endocytosis in proximal tubule by subchronic exposure to cadmium involves angiotensin II type 1 receptor.

Version: 1 Date: 22 July 2013

Reviewer: Mara Medeiros

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The manuscript is interesting since they studied the effect of subchronic cadmium exposure on renal proximal tubule endocytosis and the possible role of megalin and angiotensin 1 type II receptor in cadmium induced microalbuminuria. The cadmium dose administered was probably too low since the animals do not presented a classical proximal tubule nephrotoxicity with glucosuria, fosfaturia and aminoaciduria, nevertheless it was sufficient to impair normal endocytosis manifested as microalbuminuria, and it was prevented by losartan treatment.

Discretionary Revisions

Please revise English grammar

Minor Essential Revisions

Background, page 4 line 10
“Smoking a pack of cigarettes per day is leads to” please delete is

Major Compulsory Revisions

Please add an explanation about the low cadmium dose administered
Please specify if the Cd+LOS group received the losartan treatment during eight weeks or if they started losartan on the fifth week as LOS group.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I declare that I have no competing interests