Reviewer’s report

Title: Comparison of velcalcetide (AMG 416) and cinacalcet in rodent models of uremia

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Reviewer: Masafumi Fukagawa

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In this original paper, Walter and associates compare the effects of vecalcetide and cinacalcet in uremic rodents.

Although such a comparison was important for the development of this new agent, there remain several points to be answered,

1. Cinacalcet is usually given per os daily, while vecalcetide would be given i.v. three times per week in dialysis patients. Although the authors insisted that the dose they employed in this experiment was comparable, did they also consider such different mode of administration.

2. How was the changes of serum phosphorus level and urinary calcium excretion?

3. How was the degree and changes of parathyroid hyperplasia at sacrifice?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

None