Reviewer’s report

Title: Angiotensin-converting enzyme gene insertion/deletion polymorphism and susceptibility to psoriasis: A systematic review and meta-analysis

Version: 0 Date: 11 Nov 2019

Reviewer: C Yapijakis

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The manuscript of Ramezani et al. describes a meta-analysis of the genetic association of angiotensin-converting enzyme gene insertion/deletion polymorphism with susceptibility to psoriasis. The described methodology used is sound but the manuscript needs some major revision before publication.

Major revision points

1. Several references do not correspond to what is mentioned in the text: references 4,7,8.


3. The first paragraph of the Results regarding inclusion/exclusion of studies is confusing and has to be rewritten in a straight forward way.

4. It is mentioned in the Study Characteristics section that "five studies [21,22,27,30,31] enrolled controls of unknown origin" while 22 had controls of Turkish origin.

5. It is mentioned in Background that "ACE and its related products might have widespread effects on immune responses and skin inflammation"... and "some meta-analyses have been previously published on this topic [12,13,14]" but reference 13 does not discuss this topic.

6. In Genotype Distribution it is mentioned that "two studies [6,10] reported type of psoriasis" but reference 10 doesn't state any specific psoriasis type.

7. Commas should be used properly in the text to avoid confusion. For example, in Discussion the phrase "no significant difference was found between polymorphisms and age at onset, [9,22,23,2425,28,33] type of psoriasis, [9,29,22] disease severity [9,28]," should be "no significant difference was found between polymorphisms and age at onset [9,22,23,2425,28,33], type of psoriasis [9,29,22], disease severity [9,28],"...
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

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