Reviewer's report

Title: Serum microRNAs profile from genom-wide serves as a fingerprint for diagnosis of acute myocardial infarction and angina pectoris

Version: 1 Date: 21 March 2013

Reviewer: Benjamin Meder

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- Major Compulsory Revisions

1. Why didn't the authors use hsTnT instead of c-TNT as a more sensitive marker for necrosis?

2. How was the presence of CAD in AP patients confirmed, if at all? Was there a heart catheterization performed?

3. Why are the authors focusing on serum biomarkers? The authors should discuss the advantages of serum as well as whole blood driven approaches in miRNA diagnostics.

- Minor Essential Revisions

1. How do the authors explain the striking finding that miR-208 and miR-499 are even more elevated in AP patients when compared to AMI patients?

2. Substantial parts of the manuscript need to be grammatically corrected, preferentially by a native speaker.

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.