Reviewer’s report

Title: A study on combination of daptomycin with selected antimicrobial agents: In vitro synergistic effect of MIC value of 1 mg/L against MRSA strains

Version: 0 Date: 31 Jan 2019

Reviewer: Santosh Kumar

Reviewer's report:

The study is a good piece of work, but there are many loopholes.

1. Firstly the title needs to be modified, it is quite lengthy.

2. There is no proper justification to why the combination of fosfomycin, gentamicin, linezolid, oxacillin and rifampicin were tried.

3. The authors claim to have studied 100 MRSA strain and for each drug 4 dilutions above and below the MIC and probably the data set might have been done in triplicates. This means 8 concentrations for 100 strains means 800x3=2400 for one drug. Likewise the data is for 6 drugs means 2400x6=14400 test, which is a huge data, but doesn't seem this huge data from the tables. Further have they taken the average of the 100 strains, that is also not specified. The SD values are also missing.

4. The concentration of daptomycin has been specified as 1mg/L, but the concentration of other drugs are not mentioned either in the text or in the table 2 where the combination has been tried.

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.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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