Reviewer’s report

Title: EGFR modulates complement activation in head and neck squamous cell carcinoma

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Reviewer: Rahul Jangid

Reviewer's report:

Presented study by Anas H. A. Abu-Humaidan et all., aimed to study the role of EGFR in modulating the complement activation in head and neck squamous cell carcinoma. Authors show that human HNSCC cell lines activate the complement system when incubated with human serum and this same activation was increased in the cell lines sensitive to EGFR inhibition. They used pharmacology drug Iressa and validated their results. They also used sensitive cell lines which made resistance to EGFR inhibitors and showed that they displayed complement activation and a decrease in complement regulatory proteins even in absence of EGFR inhibitors.

Experiments were designed and this study show some novel things regarding EGFR and complement activation the cell head and neck squamous cell carcinoma. Authors have analyzed and interpreted their results well in light of known literature. They have also discussed their results with the recent finding and also pointed out the future needs for this field. I was delighted to read the manuscript

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?
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Yes

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I am able to assess the statistics
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