Reviewer's report

Title: Mononuclear cells support mammary tumor invasivity by co-secreting lineage-specific EGFR ligands and a STAT3 activator

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Reviewer: Margit Janát-Amsbury

Reviewer's report:

Section of materials and methods is well described. The authors provide detailed info in supplementary part.

All data is linked well to the results and experimental setups contain relevant internal controls. Nothing is exaggerated.

Discussion and conclusions are balanced and well linked with clinical findings to support the data.

1. However, the title is questionable. Definition of mononuclear cells means monocytes and lymphocytes, but this study mainly focuses on cancer associated-monocytes/macrophages omitting findings on lymphocytes. This term is frequently used throughout this paper. The title probably needs a minor change. The usage of the term 'mononuclear cell' should be more specific.

2. The results section would benefit from being streamlined and link more logically to an order the experiments were conducted/presented.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

No competing interests