

Review of: "Fibrin, Bone Marrow Cells and macrophages interactively modulate cardiomyoblast fate."

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Potential competing interests: The author(s) declared that no potential competing interests exist.

In the paper "Fibrin, Bone Marrow Cells and macrophages interactively modulate cardiomyoblast fate." the authors have focused on the ability of BMC and macrophages to influence post-myocardial infarction changes in rats.

This paper is relevant, brings new information about effects of epicardial implants composed of fibrin on the macrophages localized in MI affected area.

Minor comments:

1. Information about fibrin origin is needed. As the fibrin is used for human surgery, we could assume, that human fibrin was used for the experiments. Would it be possible to use rat fibrin for experiments?
2. Was the cause of death of animal in 11th week evaluated?
3. In chart 1A Fraction shortening one control animal looks like an outlier, did you check for statistically significant outliers in this group?
4. I would recommend adding information about RELA mRNA expression and protein localization to further support data about anti-inflammatory effect of fibrin.