

# Review of: "The Synthetic Scaffolds for Ventral Hernia Repair: Perspectives for Regenerative Surgery—Systematic Review"

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

1. I would suggest revealing or discussing mechanical strength and how it varies depending on the type of the materials presented in the review. In further , biodegradation results in the deterioration of mechanical strength , which may require some additional adjustments to enable application of a material in a specific biomedical application.
2. Is there any consensus on the porosity, fiber size of scaffolds which provide both osseointegration and vascularization. Alternatively, the materials chemistry dictate the requirements to scaffolds parameters and the fiber size and porosity may vary to provide optimized tissue or cell response. We have also studied some of these materials and reveal interesting results.
3. The biodegradation rate depends on a variety of factors and it would be good to briefly discuss the effect of materials properties on alteration of biodegradation rate of different materials depending on chemistry, wetting behaviour etc.