

## Supplementary Figures

### **Microencapsulated Insulin-Like Growth Factor-1 therapy improves cardiac function and reduces fibrosis in a porcine acute myocardial infarction model**

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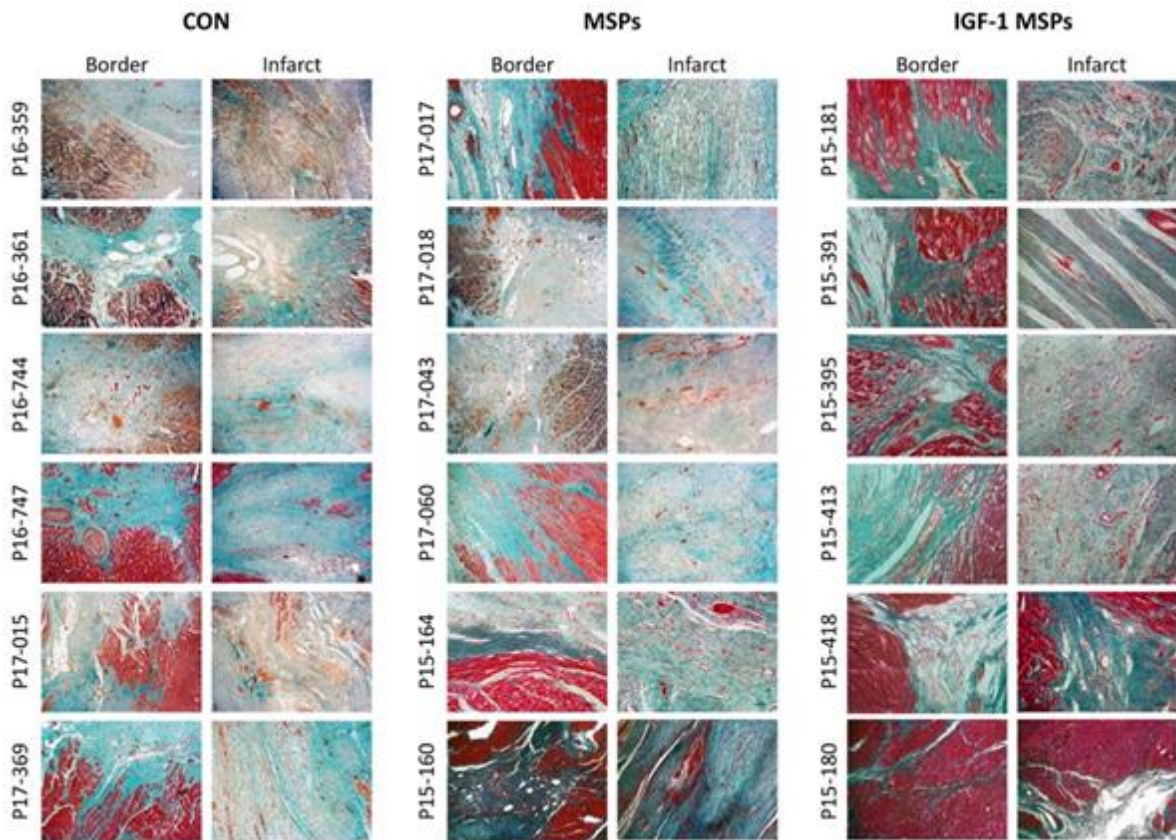
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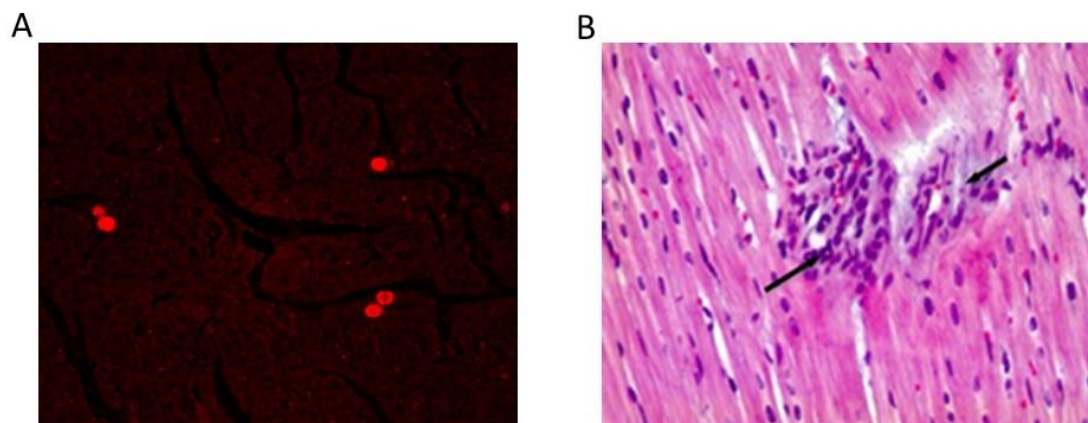
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**Supplementary Figure S1.** Representative histological images of complete MT staining from CON (n=6), MSPs (n=6), and IGF-1 MSPs (n=6) groups.



**Supplementary Figure S2.** Representative images of red labeled MSPs distribution in healthy pigs after IC injection. A) Fluorescence microscopy detection of the microspheres in porcine myocardium. B) H/E staining shows a mild inflammation around the MSPs (arrows). Scale bar = 50  $\mu$ m.