

Electronic Supplementary information (ESI)

Electrohydrodynamic 3D Printing of Layer-specifically Oriented, Multiscale Conductive Scaffolds for Cardiac Tissue Engineering

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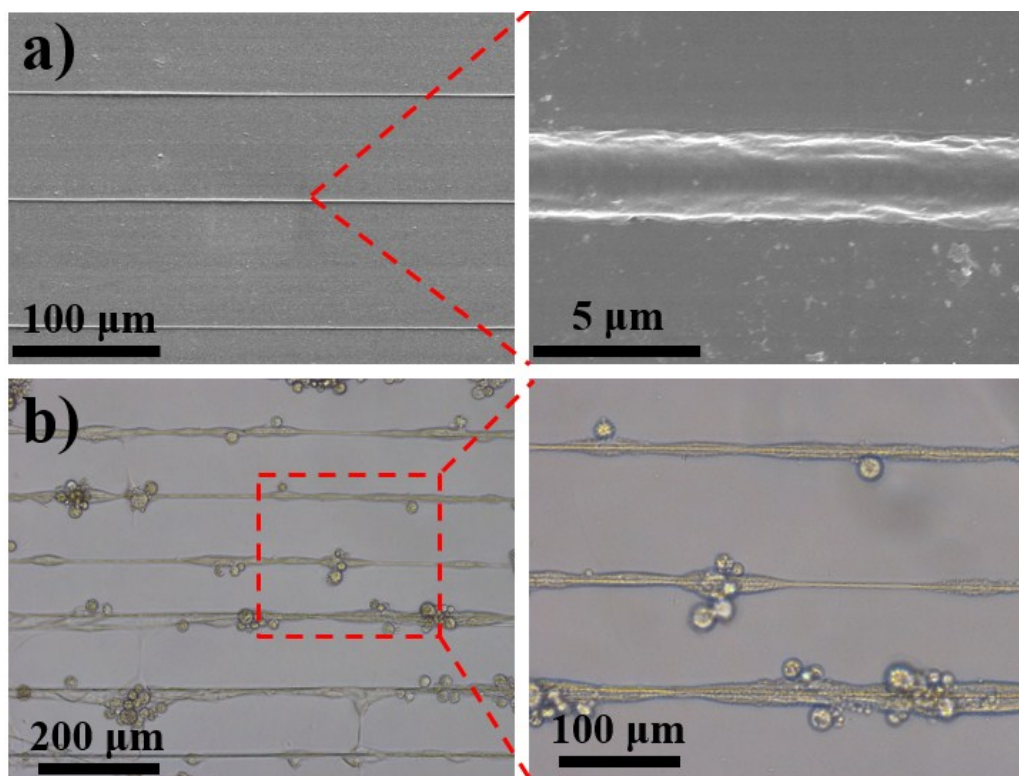


Fig. S1 The EHD-printed PCL fibers with a diameter of about 2.5 μm a) and their effect on the attachment of H9C2 cells b).

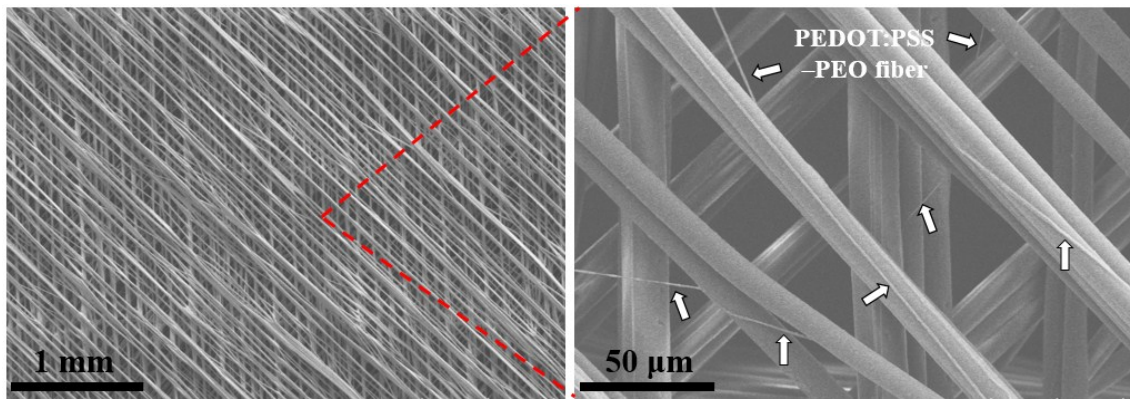


Fig. S2 Stability of the EHD-printed multiscale conductive scaffolds when immersed in water for 5 days.

Supplementary Movie Captions

Movie S1. Primary cardiomyocytes cultured on microfibrinous PCL scaffold for 4 days.

Movie S2. Primary cardiomyocytes cultured on multiscale conductive scaffold for 4 days.

Movie S3. Primary cardiomyocytes cultured on microfibrinous PCL scaffold for 8 days.

Movie S4. Primary cardiomyocytes cultured on multiscale conductive scaffold for 8 days.