

Supplementary Information

Development of dopant-free conductive bioelastomers

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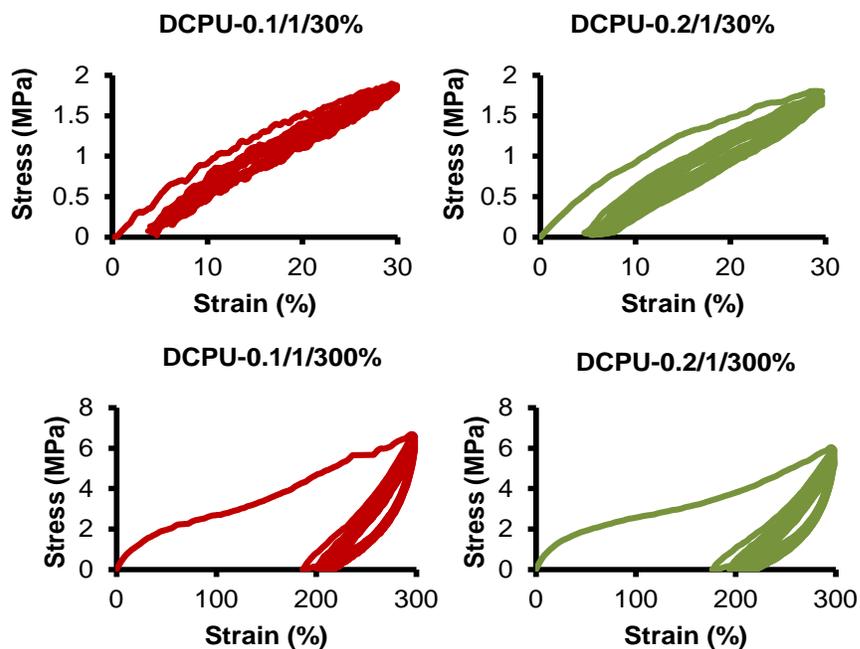
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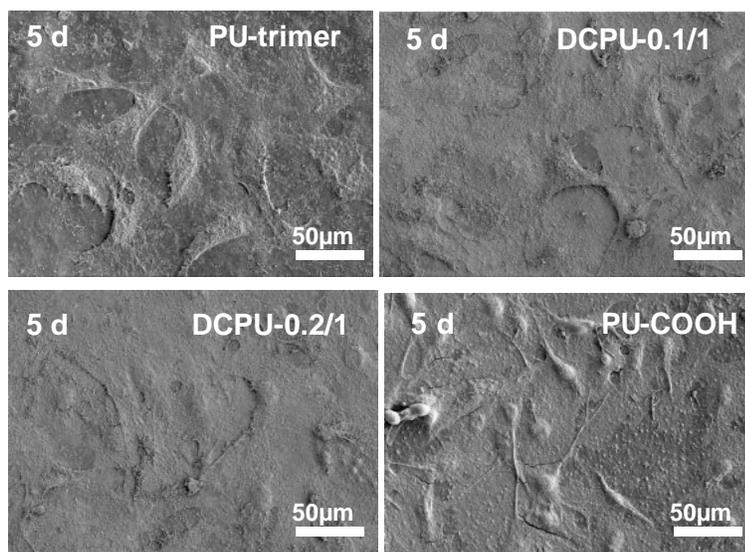
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Supplementary Figure S1. Cyclic stretching of DCPU-0.1/1 and DCPU-0.2/1 at 30% and 300% deformations.



Supplementary Figure S2. Scanning electron micrographs of mouse 3T3 fibroblasts cultured on PU-trimer, DCPU-0.1/1, DCPU-0.2/1 and PU-COOH films at day 5.

Supplementary Video Legend

Supplementary Video S1. DCPU film knotting and stretching, and scaffold compression, which exhibit the softness, stretchability, elasticity and processability of the DCPU.