■ ASSOCIATED CONTENT

Supporting Information

The Supporting Information is available free of charge at https://pubs.acs.org/doi/10.1021/acsbiomaterials.9b00861.

SEM images of cross-linked scaffolds, FTIR graphs for as-spun, cross-linked, and degraded scaffolds, SEM and optical images of the scaffolds before and after collagenase degradation assay, quantification of HDF cell orientation and penetration, Live/Dead staining of HDFs on the scaffolds, trichrome staining of the Gel80−PU20 scaffold seeded with HDF in vitro, SEM image of the Gel80−PU20 scaffold seeded with HDF in vitro, H&E staining of acellular scaffolds after implantation on mice for 20 days, % degradation measurement in vivo, F4/80 immunostaining for macrophages on the scaffolds after 20 days on the mice wound, IHC for macrophages (F4/80 + cells) on the scaffolds after 20 days on the mice wound, IHC for myofibroblasts (αSMA$^+$ cells) on the wounds with and without Gel80−PU20, and trichrome staining of mice wounds closed in the presence of scaffolds after 14 days (PDF)