

Supplementary data

Fabrication and characterization of electrospun polycaprolactone/*urechis uncinatus* derived-ECM composite scaffolds for small-diameter vascular grafts

Supplementary figures

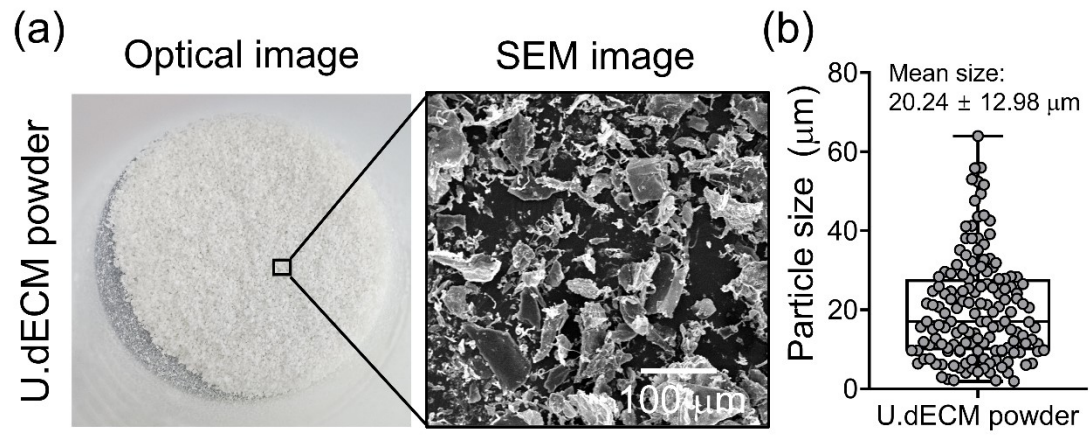


Figure S1. (a) Optical and SEM images of lyophilized U.dECM powder. (b) Particle size analysis of U.dECM powder ($n = 150$). Scale bars: SEM images = 100 μm .

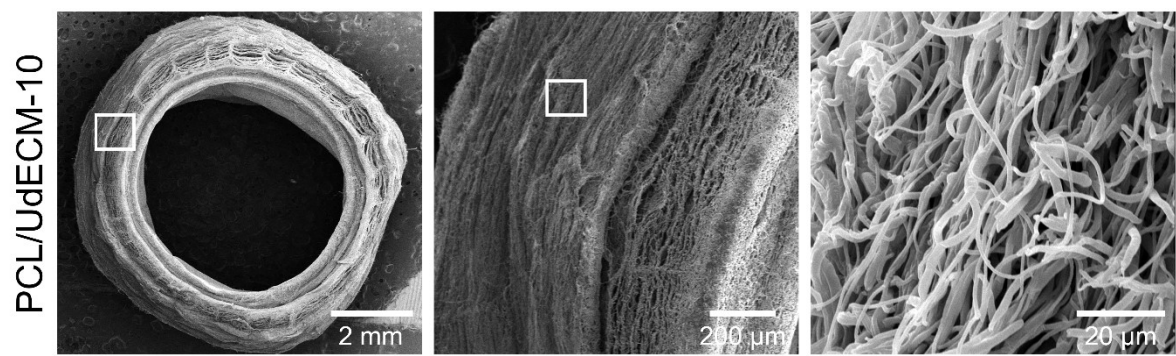


Figure S2. SEM images of the cross-sectional morphology of the PCL/UdECM-10 tubular scaffold at different magnifications. Scale bars: left panel = 2 mm; middle panel = 200 μm ; right panel = 20 μm .

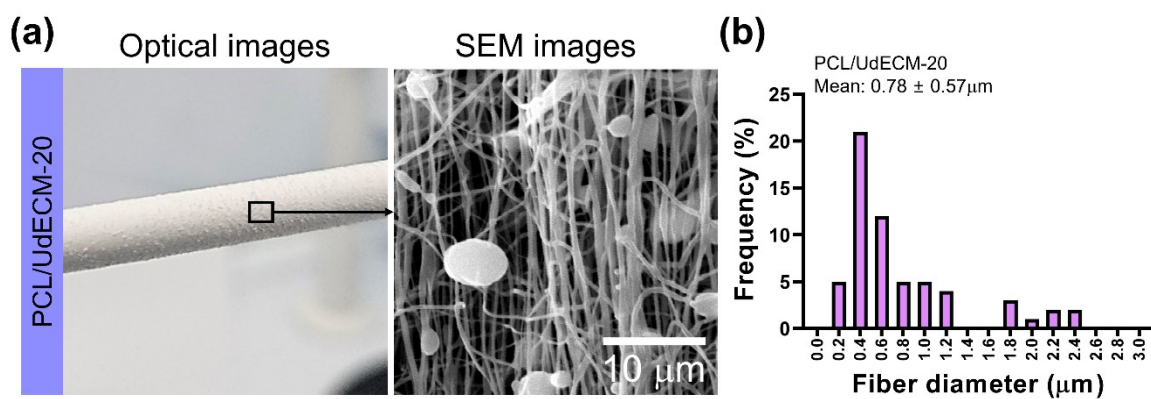


Figure S3. (a) Optical and SEM images of the electrospun PCL/UdECM-20 tubular scaffold. The SEM image reveals nonhomogeneous fiber morphology with frequent bead formation, indicating electrospinning instability at high UdECM content (> 20 wt%). (b) Fiber diameter distribution analysis indicating a mean diameter of $0.78 \pm 0.57 \mu\text{m}$. Scale bars = $10 \mu\text{m}$.