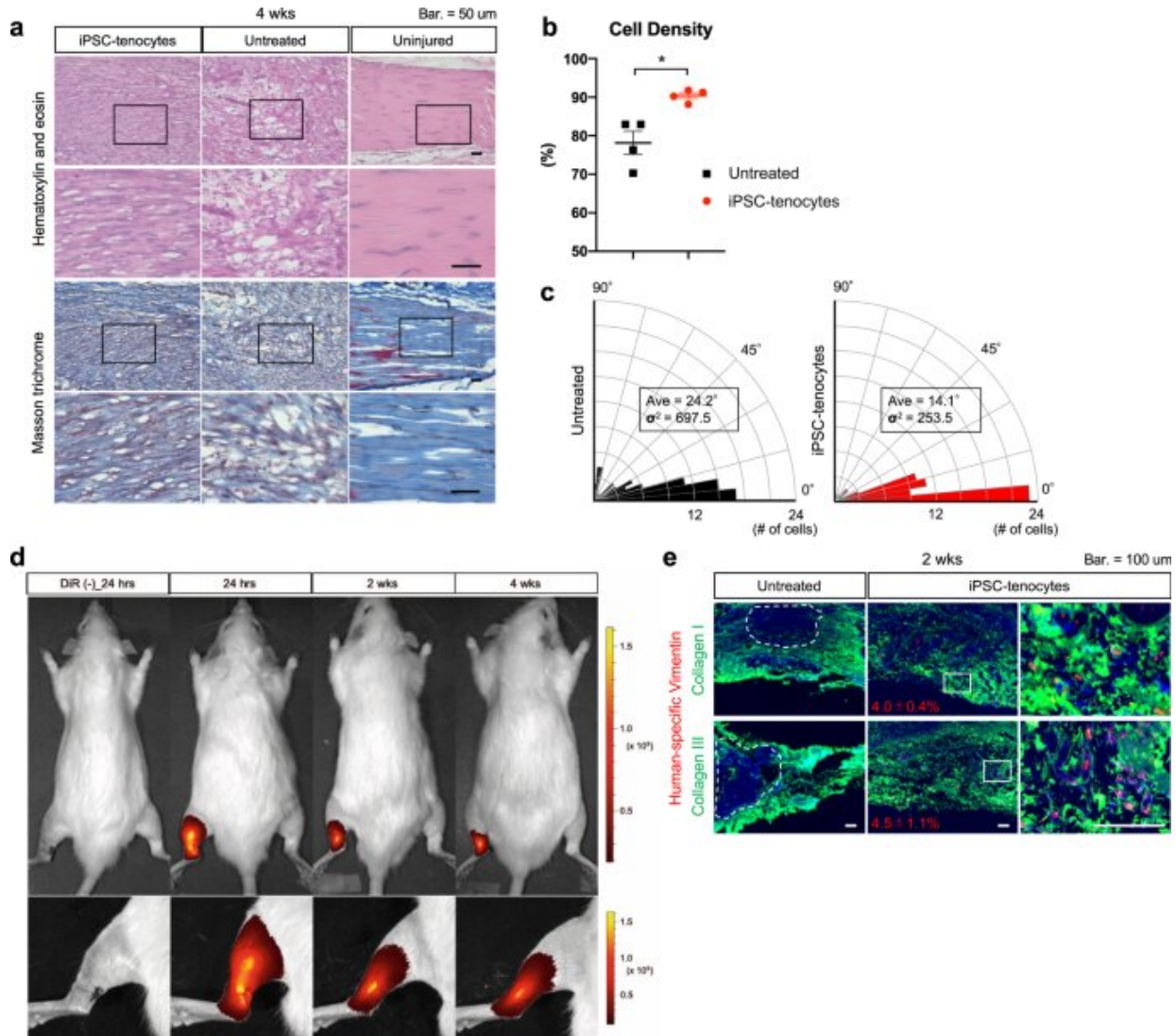


Repairing tendon injuries with stem cells

September 1 2021



Engrafted iPSC-tenocytes express tendon functional extracellular matrix at two weeks after transplantation. a Histological analyses of iPSC-tenocytes rats, untreated rats, and uninjured rats at 4 weeks after transplantation. Masson's trichrome staining shows collagen fiber (blue), cytoplasm (red), and nuclei

(purple). Representative pictures of the transplanted area (left Achilles tendon) are shown. The boxed areas in the first and third rows are shown with higher magnification in the second and fourth rows, respectively. Scale bars: 50 μm . b Density of cell fibers stained with eosin. Image J was used for calculation ($n = 4$: biologically independent samples). Data represent mean \pm SE. *P

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