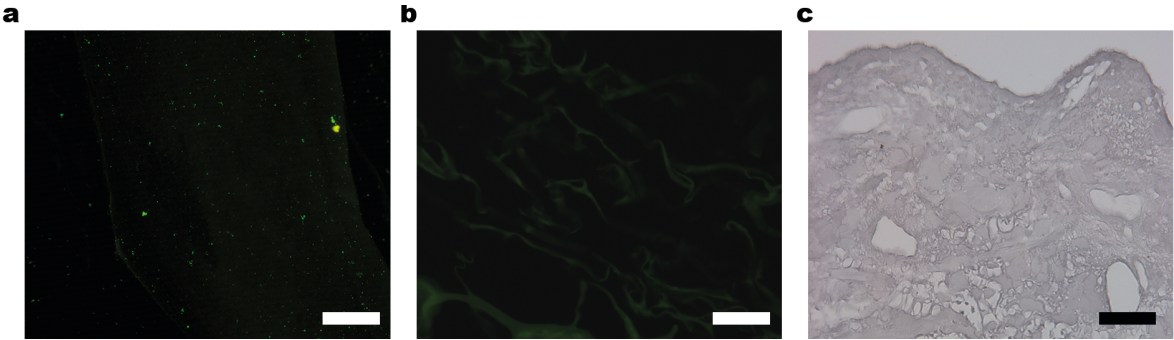


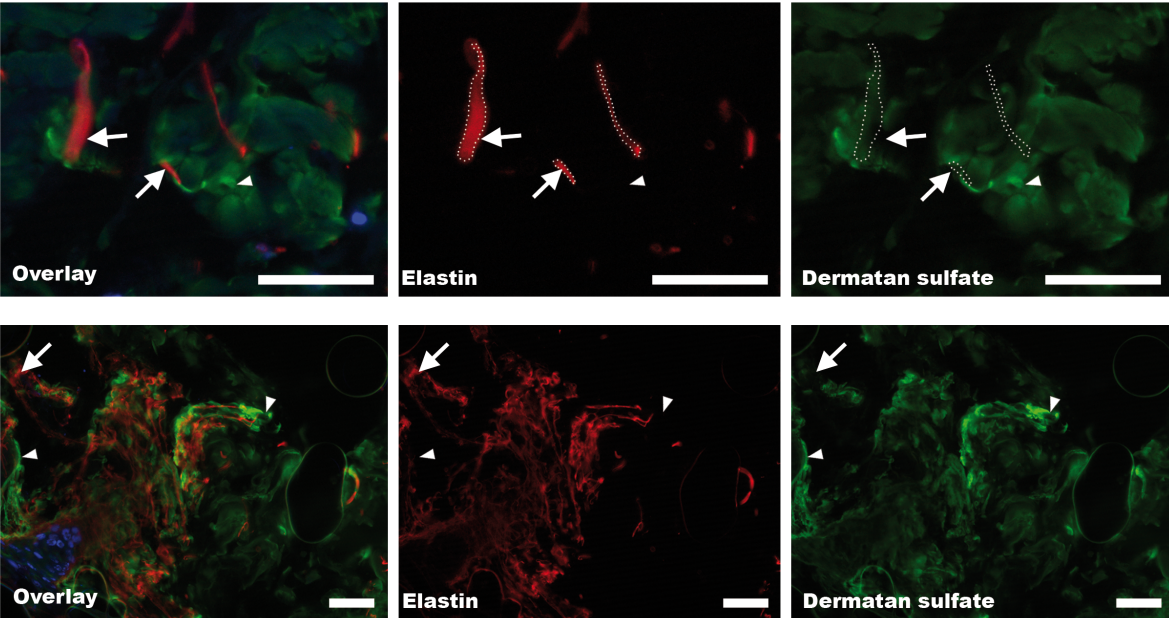
## **Visualisation of newly synthesised collagen *in vitro* and *in vivo***

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Supplementary information



Supplementary Figure S1. Absence of dermatan sulfate in collagenous biomaterials before implantation/cell seeding. Immunostaining for dermatan sulfate (green) on (a) acellular bovine type I collagen hydrogel, (b) Integra® before implantation and (c) Glyaderm® before implantation. Note lack of staining. Scale bars are 50  $\mu$ m.



Supplementary Figure S2. Absence of dermatan sulfate on elastic fibers shown by double immunostaining of cryosections of sheep skin for elastin (red) and dermatan sulfate (green). Elastic fibers (red, arrow) are negative for dermatan sulfate (green, arrow head), and dermatan sulfate is negative for elastin staining. Scale bars are 50  $\mu$ m.