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Title: A multi-layered vascular scaffold with symmetrical structure by bi-directional gradient electrospinning

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- 1 ➤ A multi-layered vascular scaffold with symmetrical structure was developed by bi-directional
2 gradient electrospinning;
- 3 ➤ In comparison to the blended scaffold, the multi-layered scaffold showed better elasticity and a
4 controllable biodegradability under the same proportion of raw materials;
- 5 ➤ Growth of endothelial cells and human smooth muscle cells on the multi-layered scaffold was
6 accelerated on the bioactive surface made of natural materials only.
- 7

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