

Supplementary material

Projected-based 3D printing of multichannel poly(caprolactone) methacrylate nerve guidance conduit for peripheral nerve regeneration

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Supplementary figures

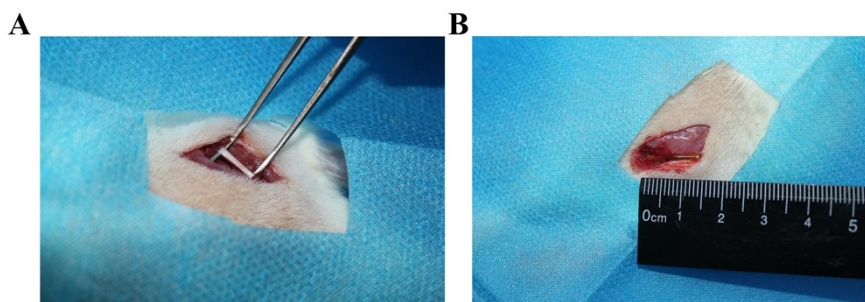


Fig. S1 In vivo implantation process of NGCs. (A) The expose of sciatic nerve via incision. (B) NGCs implantation into the sciatic nerve of Sprague Dawley rats.

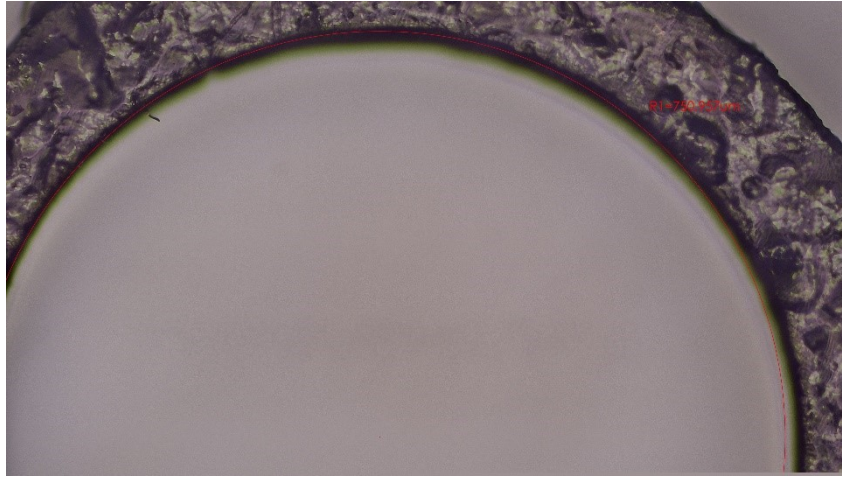


Fig. S2. Inner diameter of the 1-channel NGC measured under optical microscopy($R=750.957\mu\text{m}$)

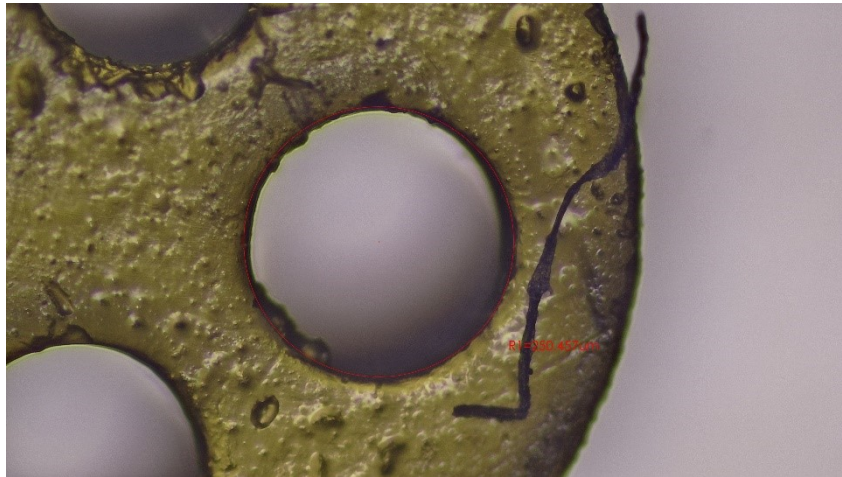


Fig. S3. Inner diameter of the 4-channel NGC measured under optical microscopy($R=250.457\mu\text{m}$)



Fig. S4. Inner diameter of the 7-channel NGC measured under optical microscopy($R=200.010\mu\text{m}$)



Fig. S5. RSC 96 cell adhesion and proliferation on the 1-, 4-, and 7-channel PCLMA NGCs after culturing for 3 d

Fig. S6.