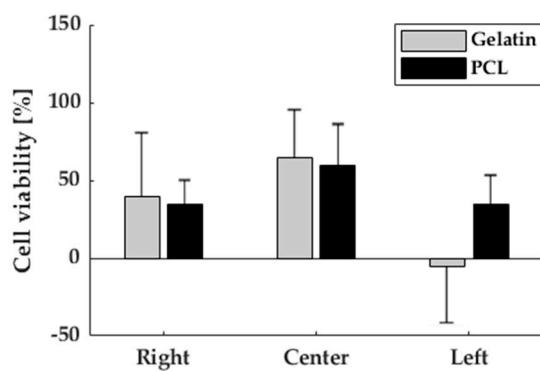


## SUPPLEMENTARY MATERIAL

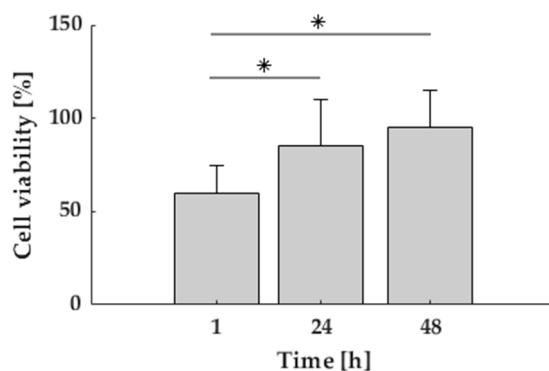
# In Vitro Models for the Development of Peripheral Nerve Conduits, Part I: Design of a Fibrin Gel-Based Non-Contact Test

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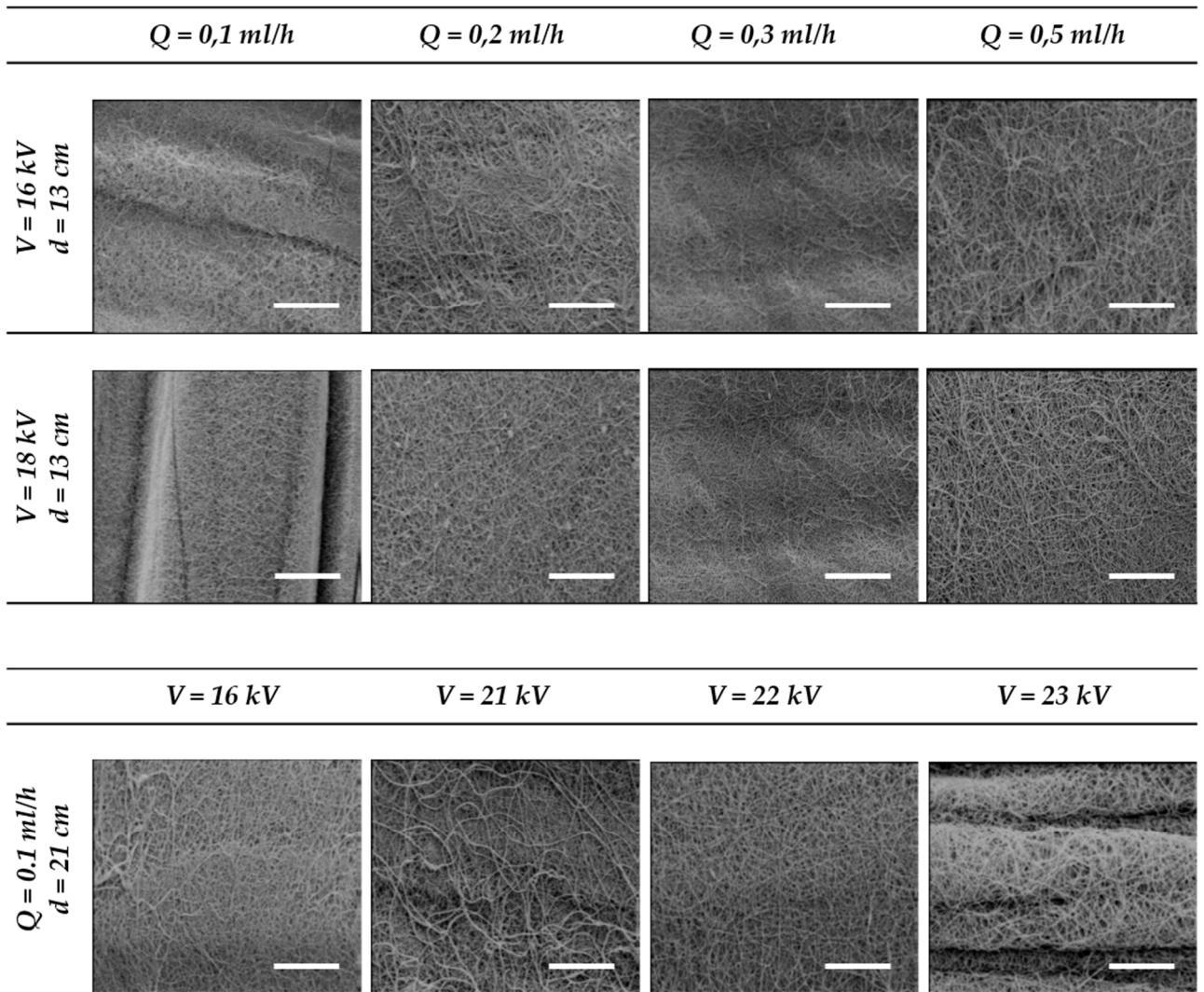
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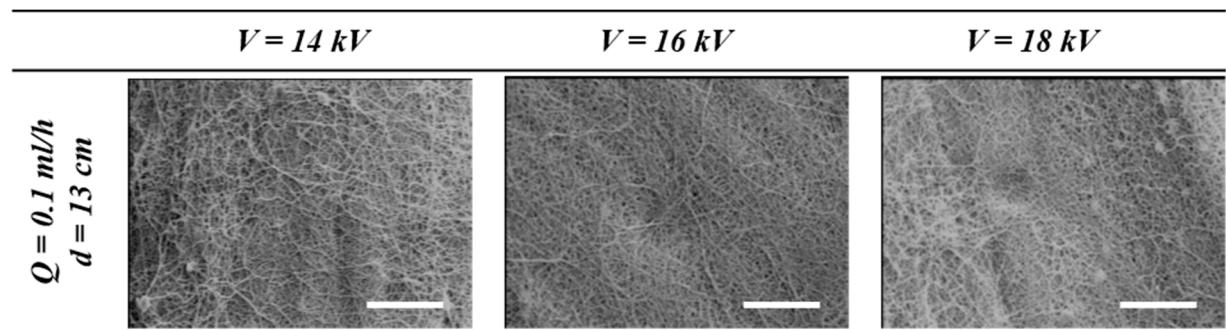
**Figure S1.** Cell viability evaluation along tubular NGCs scaffolds both for gelatin and PCL samples.



**Figure S2.** Sample pre-conditioning evaluation: cell viability after 1 h, 24 h and 48 h.



**Figure S3.** SEM images for gelatin NGCs. Scale bar: 20  $\mu\text{m}$ .



**Figure S4.** SEM images for PCL NGCs. Scale bar: 20  $\mu\text{m}$ .