Supplementary Information

Conductive Biocomposite Hydrogels with Multiple Biophysical Cues Regulate Schwann Cell Behaviors

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Table S1. Primer sequences used for RT-qPCR analysis.

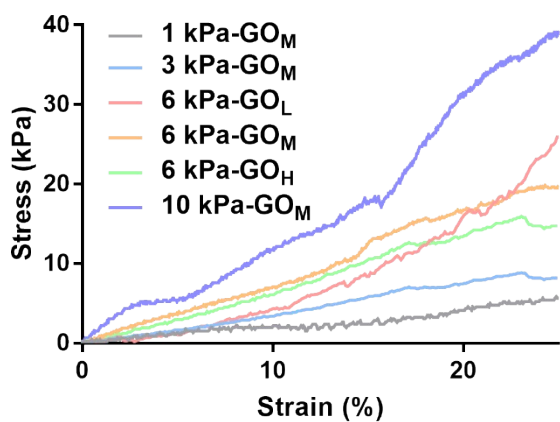| Gene	Forward Primer	Reverse Primer
18S	TCTATTTTGTTGGTTTTCGG	ATGCTTTCGCTCTGGTTC
NGF	GTTTAGCACCCAGCCTCC	GGTCTTATCTCCAACCCACA
BDNF	TGACAGTATTAGCGAGTGGG	ATTGGGTAGTTCGGCATT
CNTF	CTGTAGCCGTTCTATCTGG	GGTAAGCCTGGAGGTTCT

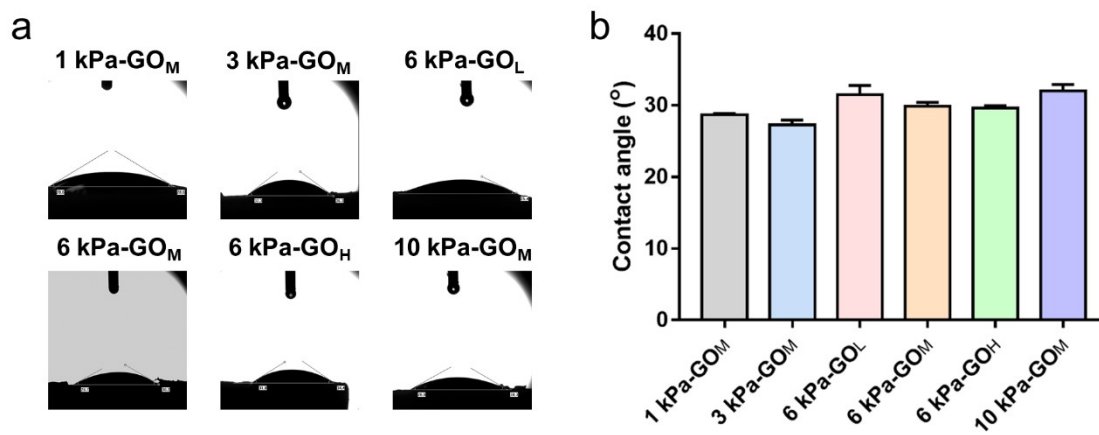**Fig. S1.** Representative stress-strain curves of the SF/GO biocomposite hydrogels.

Fig. S2. a) Photographs of water contact angles of the SF/GO biocomposite hydrogels. b) Water contact angles of the SF/GO biocomposite hydrogels.