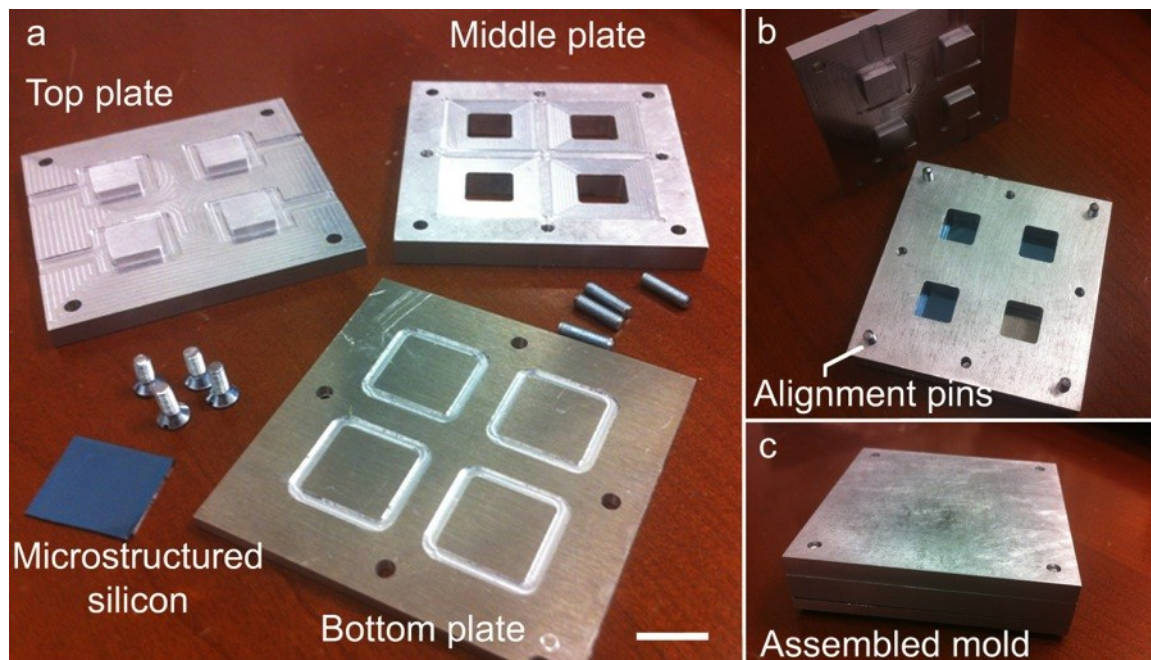


Supporting Information

Delivery of brain-derived neurotrophic factor by 3D biocompatible polymeric scaffolds for neural tissue engineering and neuronal regeneration

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Supplementary Figure 1. **a** Picture of the different components of the disassembled mold for scaffolds production. In **b** microstructured silicon surfaces, inserted in the middle and bottom plates, are showed and the final assembled conformation of the mold after the pressing procedure is reported in **c**.

Gene Symbol	Forward Primer (5'-3')	Reverse Primer (5'-3')
Glucuronidase Beta (Gusb)	TCGGGCTGGTGACCTACTGGATTTCTG	GTTGGCACTGGGAACCTGAAGTTGACC
Hypoxanthine phosphoribosyltransferase 1 (Hprt1)	TGAGGCGGCGAGGGAGAG	AAGCGGTCTGAGGAGGAAGC
Synapsin 1 (Syn 1)	ATCTTCCTCCAACCTCCA	TTTGCTCCCGACTCTTC
Synaptotagmin I (Syt 1)	GACCTGCTGCTTCTGTGTCT	TCGTCATCCTTAAGGCCTG
Glutamate ionotropic receptor AMPA type subunit 1 (Gria 1)	GGCATGGCATGTGAAGCAATG	GGAGTCTACAGTAGTAGGCAGGAG
Glutamate ionotropic receptor AMPA type subunit 1 (Gria 2)	GCTAGAGTGGGGTTATAGATGCT	GATGTTATTGGTGCTGGAGGATTG
Glutamate ionotropic receptor NMDA type subunit 2A (Grin2a)	CGACAGCACTCCTATGATAACA	CCCTCCAGTAGCCTTTCC
Glutamate ionotropic receptor NMDA type subunit 2A (Grin2b)	GAGAAGAACCTGACCAATGT	GCCACCGTAGAGGAGTAA

Supplementary Table 1. The list of primers used for quantitative real time PCR.