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Supporting Material

**Electroporation of Brain Endothelial Cells on Chip toward
Permeabilizing the Blood-Brain Barrier**

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Figure S1. High resolution image of irreversibly electroporated cells in the channel for different number of pulses. The blue dots represent the nuclei of live cells and the red dots represent the nuclei of dead cells.



Figure S2. High resolution image of electroporated cells in the presence of 4kDa FITC dextran.

Video S3. Time-lapse video of electroporation at different sections of the channel after delivery of 10 and 30 pulses. The cells are initially stained with calcein AM (green) and electroporation is visualized by uptake of propidium iodide (red).