

SUPPLEMENTARY INFORMATION

A multichannel neural probe with embedded microfluidic channels for simultaneous *in vivo* neural recording and drug delivery

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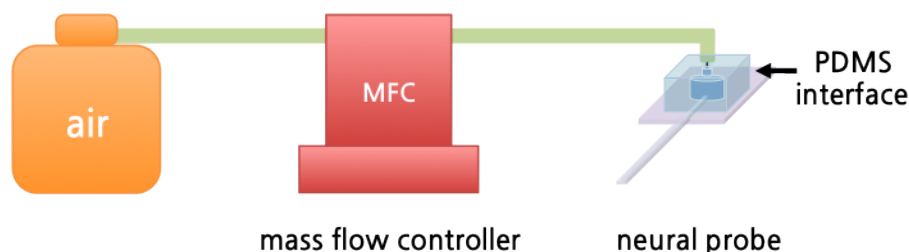


Fig. S1 Schematic of the pressure-driven injection system used to inject drugs *in vivo*.

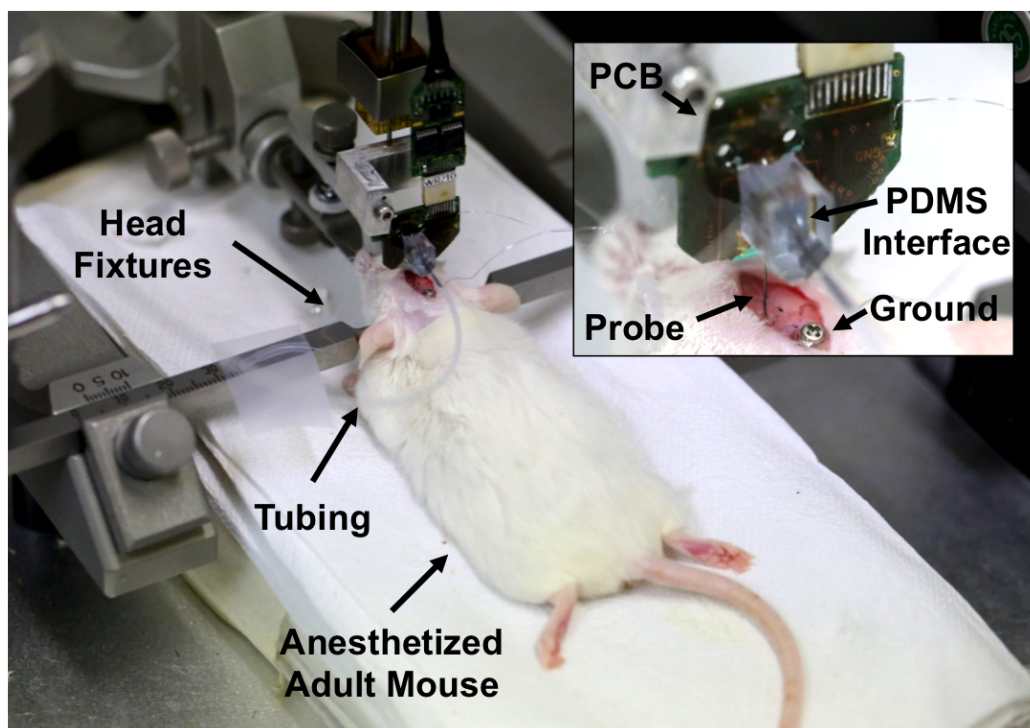


Fig. S2 Mouse *in vivo* experimental setup showing the stereotaxic frame, Neuralynx connector and board, ground screw, and packaged neural probe.

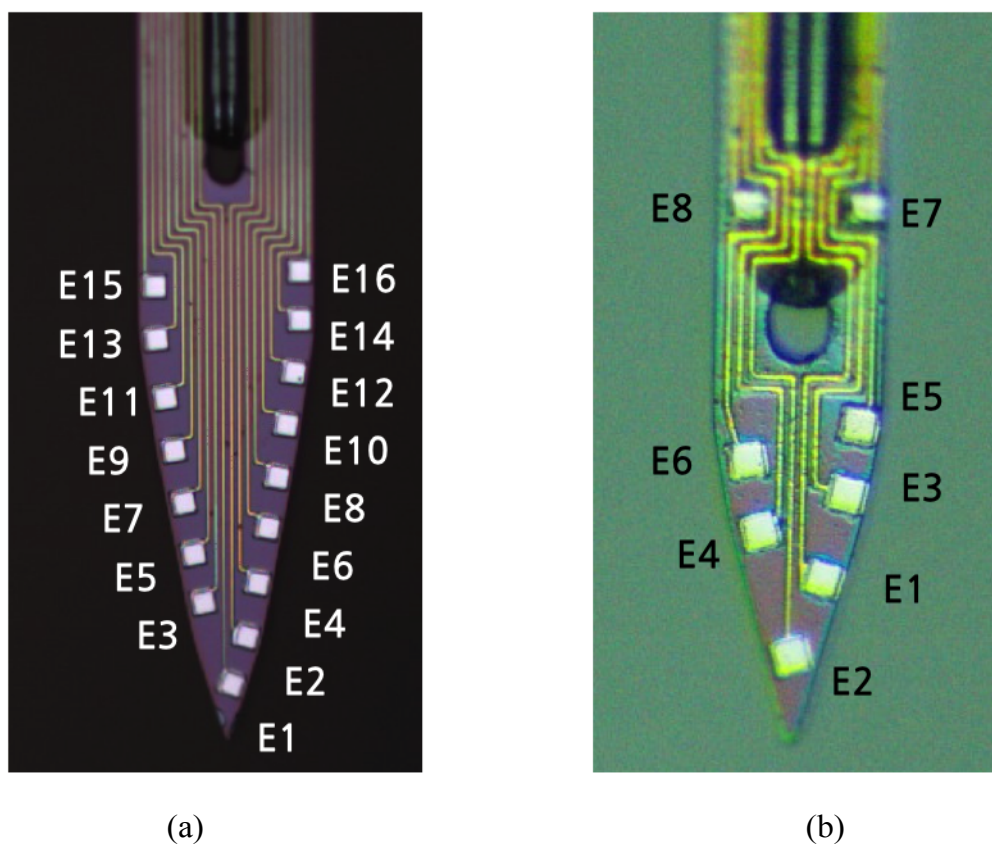


Fig. S3 Optical pictures of (a) probe with 16 microelectrode used in the first *in vivo* experiments and (b) probe with 8 microelectrode used in the second *in vivo* experiments.