

Supplementary Information

Patterning of interconnected human brain spheroids

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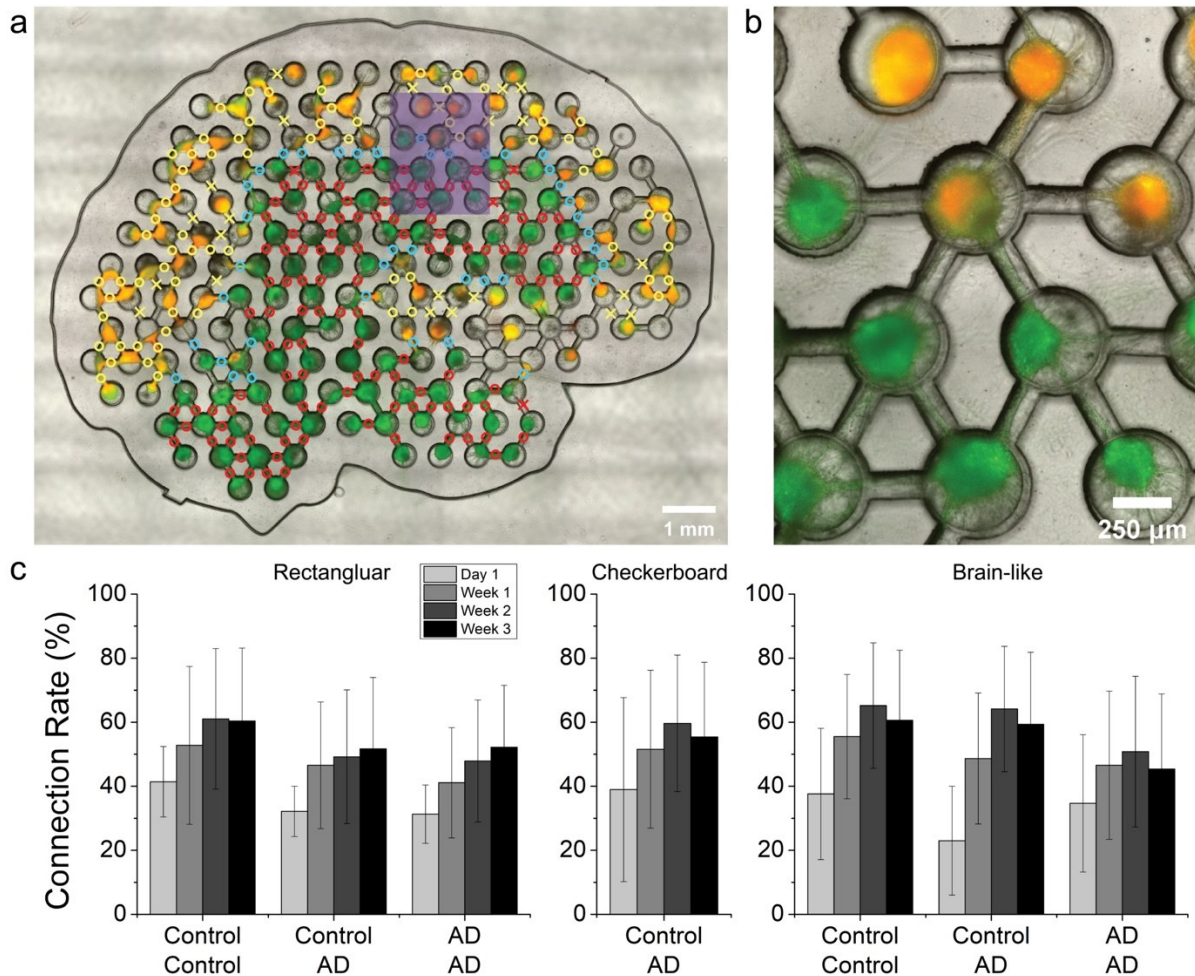
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Supplementary Fig. 1 The connection between adjacent brain spheroids. (a) The merged channel image of a brain-shaped pattern at 3-week-differentiation. Adjacent wells are connected through channels at the bottom of the wells. Neurite connections between two adjacent brain spheroids are marked by OX symbols: O = connection, X = no connection. The symbol color represents the type of spheroid pairs: red = control-control, blue = control-AD, yellow = AD-AD. The purple shaded area is zoomed in and shown in b. (b) Representative image shows the connection between all spheroid-pair-type: control-control, control-AD, and AD-AD. (c) The graphs display the connection rates between adjacent brain spheroids of different types (means \pm SEM, N = 4 for rectangular and brain-like, or 3 for checkerboard).