Electronic Supplementary Information

Acoustofluidic Assembly of 3D Neurospheroids to Model Alzheimer’s Disease

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Supporting Figures:

Figure S1. Acoustic assembly device and simulation domain.

Figure S2. View of the acoustic pattern within the acoustofluidic device.

Supporting Movie:

Movie S1. Acoustic assembly process of cells.
Figure S1. Acoustic assembly device and simulation domain. (a) An image of the acoustic assembly device. (b) Simulation domain of the acoustic assembly device, the blue four side faces were set to be plane incident wave boundary to account for the acoustic waves generated by PZTs. (c) 3D distribution of acoustic potential field.
Figure S2. View of the acoustic pattern within the acoustofluidic device. (Scale bar = 1mm)
**Movie S1.** Acoustic assembly process of cells (corresponding to Figure 2a, b). Here, N2A cells were acoustically assembled to form cell clusters. The movie is in 2x. (Scale bar: 500 μm).