



SUPPLEMENTARY FIG. S2. Neuron and astrocyte extensions and networks. **(a)** Single Z-slice images taken 10, 15, and 25 μm from the surface of a 14 DIV 8k spheroid show fine β -III-tubulin (*red*) GFAP (*green*)-labeled cell extensions and DAPI-stained nuclei. **(b)** Confocal projections with z-axis depth-code pseudocoloring of a 14 DIV 8k spheroid show β -III-tubulin (*left*) and GFAP (*right*) structures in 3D. Color represents the z-depth from top surface. Scale bars: **(a)** 50 μm and **(b)** 70 μm . 3D, three-dimensional; GFAP, glial fibrillary acidic protein; DAPI, 4',6-diamidino-2-phenylindole.