

Supplementary Video:

Primary BMECs were cultured in glass bottom chamber slide and treated with mtD2 astrocyte EV-Mitos for 48 hrs. Cells were stained with Hoechst dye (1ug/ml). After washing live cell images were taken using Nikon AXR, 60X oil objective (transferred mitochondria- green; Hoechst-blue). Mitochondrial movement was monitored for 5-10 minutes for every 5 seconds and movie was made in Nikon NIS-elements (512x 512 pixels; 12.5 frames/second).