Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: Simulated 3D acoustic streaming mediated by acoustic materials.

File name: Supplementary Movie 2

Description: Experimental 3D acoustic streaming mediated by acoustic materials.

File name: Supplementary Movie 3

Description: Simulated dye release process via acoustic materials.

File name: Supplementary Movie 4

Description: Experimental dye release process via acoustic materials.

File name: Supplementary Movie 5

Description: A free-moving mouse with an acoustic metamaterial patch device.