

**SUPPLEMENTARY FIG. S3.** The auditory brainstem response (ABR) thresholds of the polymer-treated ears over time. Figure shows the ABR over time in the ears treated with polymer (n=3) compared with control ears (perforation without polymer injection, n=3). The pure tone average (PTA) of the polymer-treated ears was equivalent to control ears at day 60. This indicated that the conductive hearing loss effect of the polymer injected in the ear lasted until day 60.