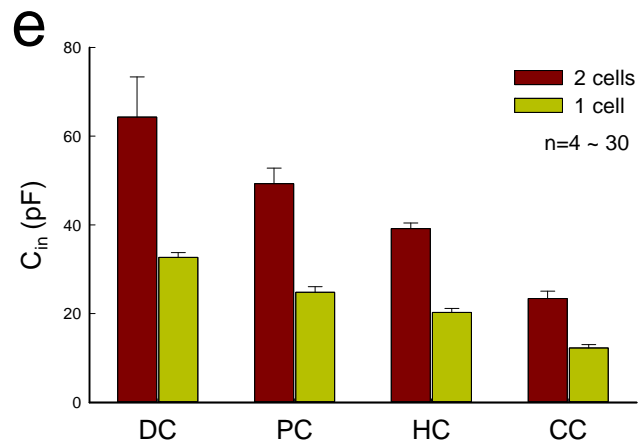
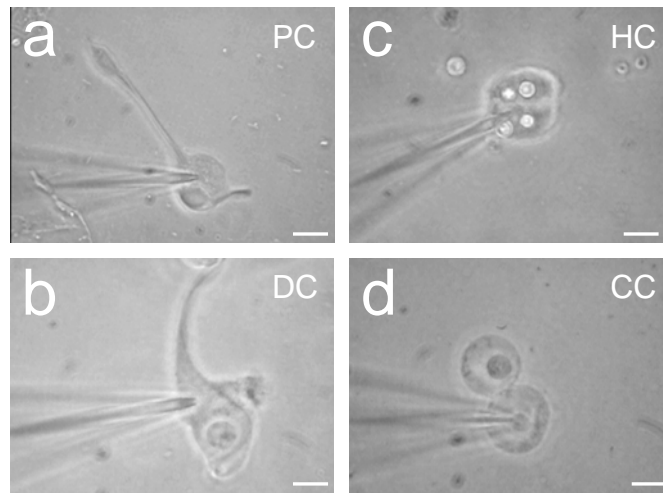


Supplementary figures:

Connexin26 gap junction mediates miRNA intercellular genetic communication in the cochlea and is required for inner ear development

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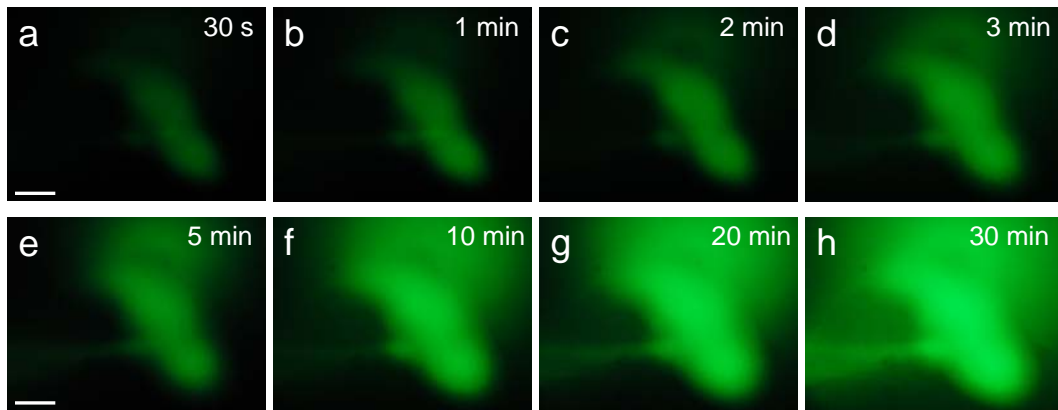


Supplementary Figure 1

Isolated cochlear supporting cells and input capacitance.

a-d: Isolated cochlear supporting cells under patch recording. PC: Pillar cell, DC: Deiters cell, HC: Hensen cell, CC: Claudius cell. Scale bars: 10 μm .

e: Input capacitance (C_{in}) recorded from single and paired cochlear supporting cells in mice. C_{in} of 2-coupled cochlear supporting cells is double of C_{in} in single cochlear supporting cell.



Supplementary Figure 2

Time-lapse recording of diffusion of fluorescence-tagged miRNA injected at a Deiters cell in the cochlear sensory epithelium. Scale bars: 10 μm .