

Supporting Information

Integration of Cholesterol Oxidase Electrode on a Smart Contact Lens to Achieve Wireless Cholesterol Monitoring in Tears

Yang Cui, Lin Zhuo, Yuta Nishina, Saman Azhari, Takeo Miyake*

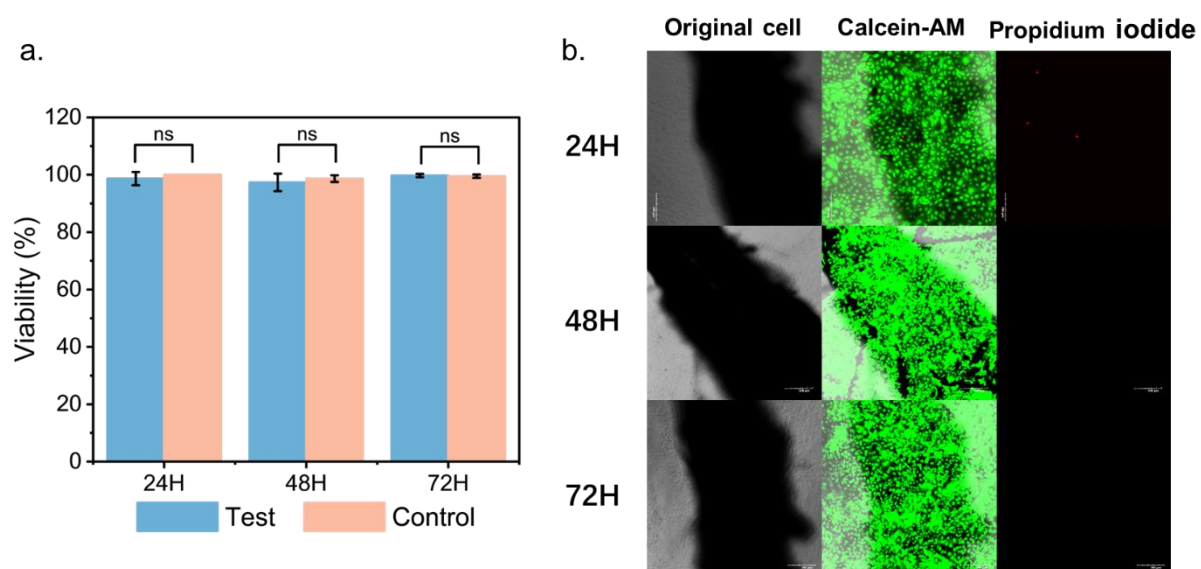
1. Biosafety of the ChOxs Electrode

Figure S1. a) Viability of the human cornea cells after culturing for 24 h, 48h, 72h. Data are presented as the mean $\pm$ SD ($n = 3$). Significance level ns means no significance ($p > 0.05$). b) Confocal microscope (FV3000, OLYMPUS, Japan) images of corneal cells. From left to right: original image, after Calcein-AM treatment (live cells), after propidium iodide treatment (dead cells).

2. P-T symmetric system

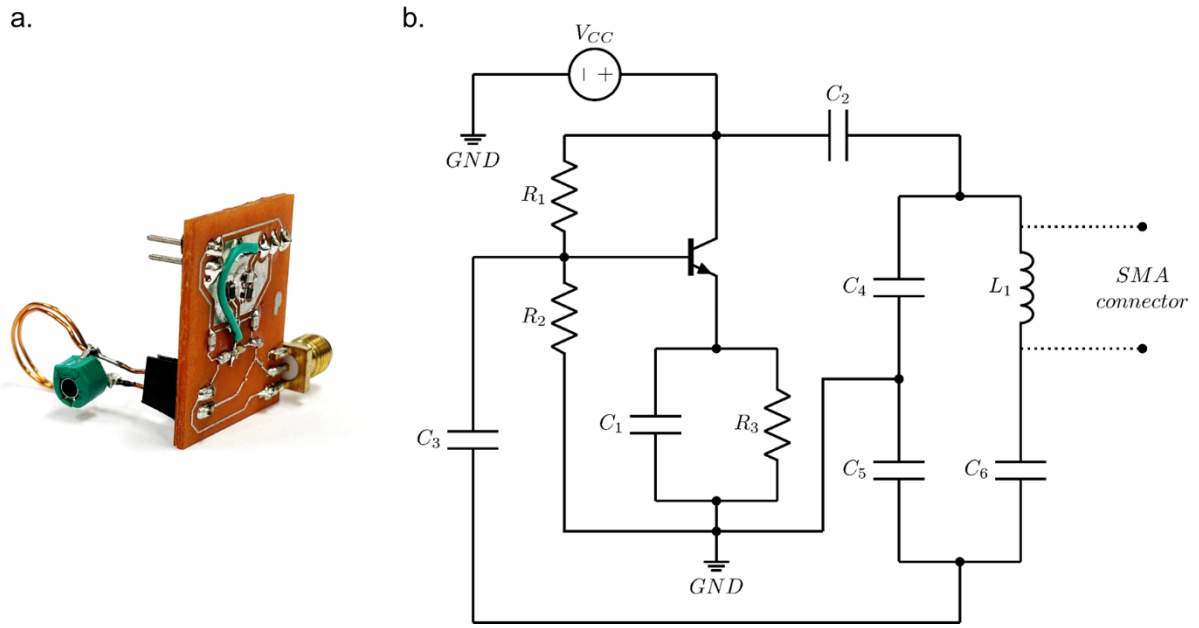


Figure S2. a) The physical picture of the gain LCR resonator of the P-T symmetric system. b) The circuit diagram of the gain LCR resonator of the P-T symmetric system.