Electronic Supplementary Material (ESI) for Lab on a Chip.

Supplement

A disease model of diabetic nephropathy in a glomerulus-on-a-chip microdevice

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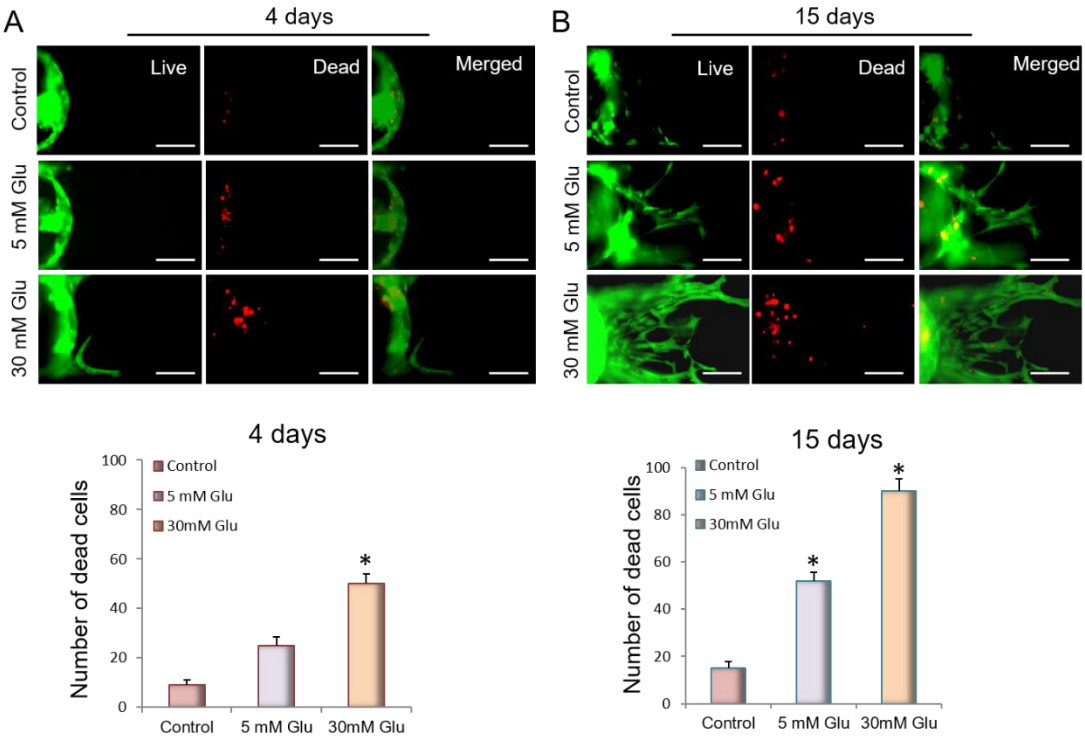

Supplementary Figure 1. The cell viability testing of glomerulus cultured on the chip. The primary glomerular tissues cultured on the microfluidic device were exposed to different glucose concentrations for 4 day and 15 day. Ethidium homodimer-1 (EthD-1, red) staining was used to detect the dead cells, and calcein-AM (green) was used to stain the live cells. Scale bar: 100 μm.