

Supplementary movie

Hemichannels open during OGDR stress before wave of PI uptake in neighbouring cells occurs.

The four panels show representative images of wild type 3T3 fibroblast cells that have undergone OGDR stress for 24 hours. Cells were then incubated with Calcein AM (green) and propidium iodide (PI) (red). Cells undergoing OGDR took up PI randomly before contacting neighbouring cells were labelled with PI. The top left panel represents cells undergoing OGDR stress with no treatment. The top right panel represents cells undergoing OGDR stress with 10 μM Gap27 treatment. The bottom left panel represents cells undergoing OGDR stress with 100 μM Gap27 treatment. The bottom right panel represents cells undergoing OGDR stress with 1000 μM Gap27 treatment.