

# **Combination of mild hypothermia with neuroprotectants has greater neuroprotective effects during oxygen-glucose deprivation and reoxygenation-mediated neuronal injury**

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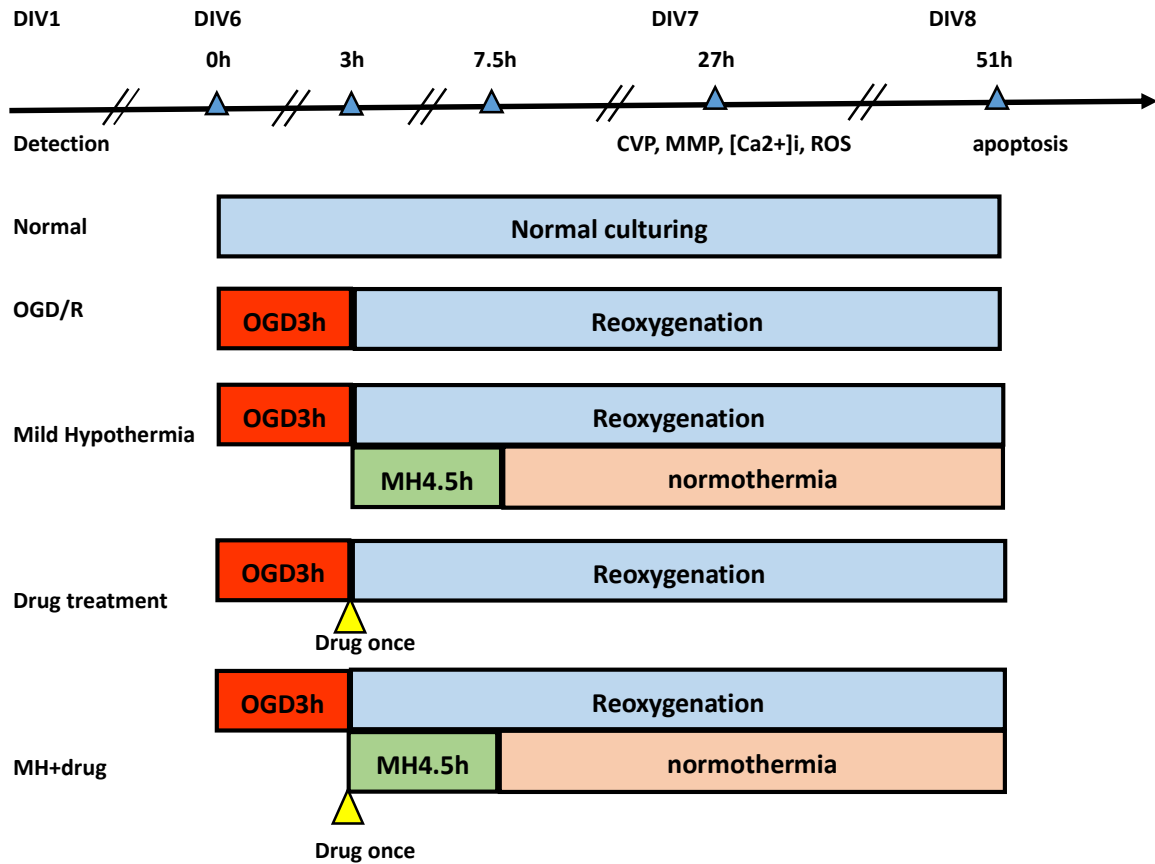
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## Supplementary Chart 1: time of management in the experiment



### Supplementary Chart 1.

It shows the time of management in the experiment. The cultured cortical neurons (DIV 6) were subjected to OGD for 3 hrs. While glucose recovery and reoxygenation initiated, cells were immediately treated with a drug (24 hrs or 48 hrs), mild hypothermia (MH, 4.5 hrs at 34 °C, then 19.5 hrs or 43.5 hrs at 37 °C), or combination of both of them. 24 hrs after OGD (DIV 7), CVP, MMP, [Ca<sup>2+</sup>]<sub>i</sub>, or ROS were detected, and the apoptosis detected was made 48 hours after OGD (DIV8).

Abbreviation: OGD: oxygen glucose deprivation; CVP: cell viability proportion; MMP: Mitochondrial Membrane Potential; [Ca<sup>2+</sup>]<sub>i</sub>: intracellular free calcium concentration; ROS: reactive oxygen species; DIV: days in vitro.