

Hyperbaric Oxygen Therapy Improve Acute Graft-Versus-Host Disease by Activating the Nrf2/HO-1 Pathway

HBOT can alleviate acute GVHD mice by decreasing the levels of ROS and proinflammatory cytokines, and upregulating the expression levels of Nrf2 and its downstream antioxidant enzymes HO-1

Acute GVHD can be alleviated by HBOT in mice model associated with a significantly prolonged OS and improved pathological injury.

The effect of HBO on alleviating acute GVHD target organ damage disappeared in mice pre-treatment with NRF2 inhibitor (ML385)

