Supplementary Online Content


eFigure 1. Representative specular microscopy images in the control and α-MSH groups
eFigure 2. Immunofluorescence images in the control and α-MSH group under oxidative stress
eFigure 3. Immunofluorescence images in the control and α-MSH group under inflammatory cytokine-induced stress

This supplementary material has been provided by the authors to give readers additional information about their work.
eFigure 1. Representative specular microscopy images in the control and α-MSH groups

Representative specular microscopy images showing corneal endothelial cell morphology change in the control (Optisol-GS/H₂O₂ and Optisol-GS/TNF-α+IFN-γ) and α-MSH treated groups (α-MSH+Optisol-GS/H₂O₂ and α-MSH+Optisol-GS/TNF-α+IFN-γ) 5 days after oxidative stress induction.
eFigure 2. Immunofluorescence images in the control and α-MSH group under oxidative stress

Immunofluorescence images demonstrating lower number of EthD-1-positive dead cells in the α-MSH treated group (α-MSH+Optisol-GS/H₂O₂) compared to the control (Optisol-GS/H₂O₂) group on day 11 of hypothermic storage.
eFigure 3. Immunofluorescence images in the control and α-MSH group under inflammatory cytokine-induced stress.

Immunofluorescence images demonstrating lower number of EthD-1-positive dead cells in the α-MSH treated group (α-MSH+Optisol-GS/TNF-α+IFN-γ) compared to the control (Optisol-GS/TNF-α+IFN-γ) group on day 11 of hypothermic storage.