Supplementary

Materials and Methods

- Culture of human corneal endothelial cells (HCEC) (supplementary experiments)

HCEC were grown to a density of $1 \times 10^6$ cells per well. Cells were grown in 6-well plates (CellStar, Greiner bio-one, Germany) at 37 °C in a humidified atmosphere of 5% CO$_2$ and incubated with and without IFN-γ (500 U/ml) for three days. Cells were grown in RPMI 1640, with or without L-tryptophan, when we added supplemented D-trp to RPMI 1640, (Promocell, Heidelberg, Germany) supplemented with 10% heat-inactivated fetal bovine serum (Promocell, Heidelberg, Germany), 1% L-glutamine (Promocell, Heidelberg, Germany), 1% Penicillin/Streptomycin mix (Promocell, Heidelberg, Germany). Various concentrations of L-or D-Trp (25, 250 and 500 μM) were added to the culture mediums. DL 1-Methyl-tryptophan (DL 1-MT) in various concentrations (1, 2, and 3 mM) was used to find out the most efficient concentration, which inhibits IDO function.