

## Supporting information

### Title:

Skin-on-a-chip model simulating inflammation, edema and drug-based treatment

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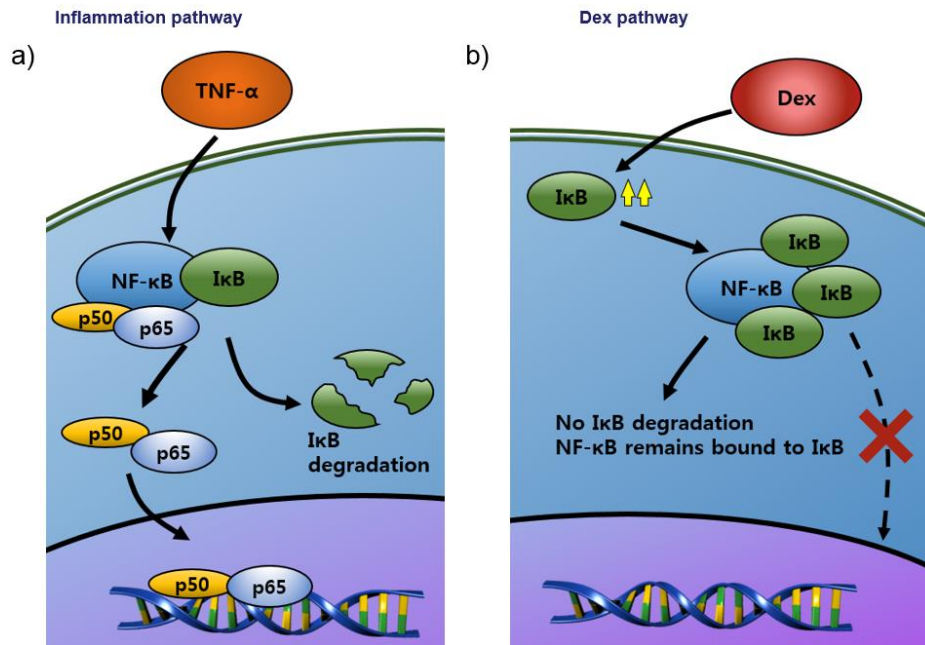
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**Supplementary Fig. S1.**

Schematic representation of TNF- $\alpha$  inflammation and Dex pathways.



**Supplementary Fig. S2.**

Relative intensity comparison of immunocytochemical tight junction staining in HUVECs

