**Supplementary Figures Legends**

**Figure S1.** Protein-protein interaction network (PPIN) of tumour necrosis factor- α (TNF-α) induced secretome. The network interaction was performed using STRING version 11.5. Line colour indicates the type of interaction evidence with high confidence (0.700) interaction score and the ‘hide disconnected nodes in the network’ was selected.

**Figure S2.** Protein-protein interaction network (PPIN) of uninduced secretome. The network interaction was performed using STRING version 11.5. Line colour indicates the type of interaction evidence with high confidence (0.700) interaction score and the ‘hide disconnected nodes in the network’ was selected.

**Figure S3.** Effect of secretome in cell proliferation and collagen formation in HaCaT keratinocyte cells. **a** HaCaT cell viability after 48 h incubation in different conditions. Data shown represent mean ± standard deviation (SD) of four representative experiments. **b** After 48 h of *in vitro* wound healing assay, the collagen formation assay was assessed. Data shown represent mean ± SD of three representative experiments. C: Control medium; I: Induced secretome; U: Uninduced secretome.