

SUPPLEMENTARY DESCRIPTION:

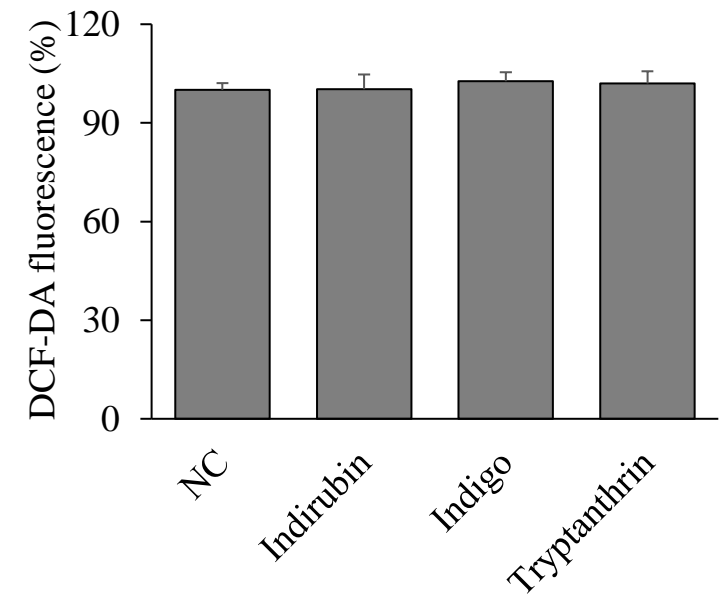
Figure legends

Figure S1. Effect of indirubin, indigo, and tryptanthrin on oxidative stress and inflammation in non-IL-22 treated HaCaT cells. (A) The cells were incubated with 30 μ M of indirubin, indigo, and tryptanthrin for 24 h. ROS levels were measured using DCF-DA assays. (B) Cells were treated with 30 μ M of indirubin, indigo, and tryptanthrin for 48 h. The levels of human TNF- α , IL-6, IL-8, and ICAM-1 in conditioned medium were determined using ELISA assays. NC, vehicle-treated controls. Data represent the means \pm SD of three independent experiments.

Figure S2. Effect of indirubin, indigo, and tryptanthrin on proliferation in non-IL-22 treated HaCaT cells. The cells were incubated with 30 μ M of indirubin, indigo, and tryptanthrin for 48 h. (A) The proliferation rate was assessed using a BrdU assay kit. (B) Proteins levels of K16 and cyclin D1. NC, vehicle-treated controls. Data represent the means \pm SDs of three independent experiments.

Figure S1

A



B

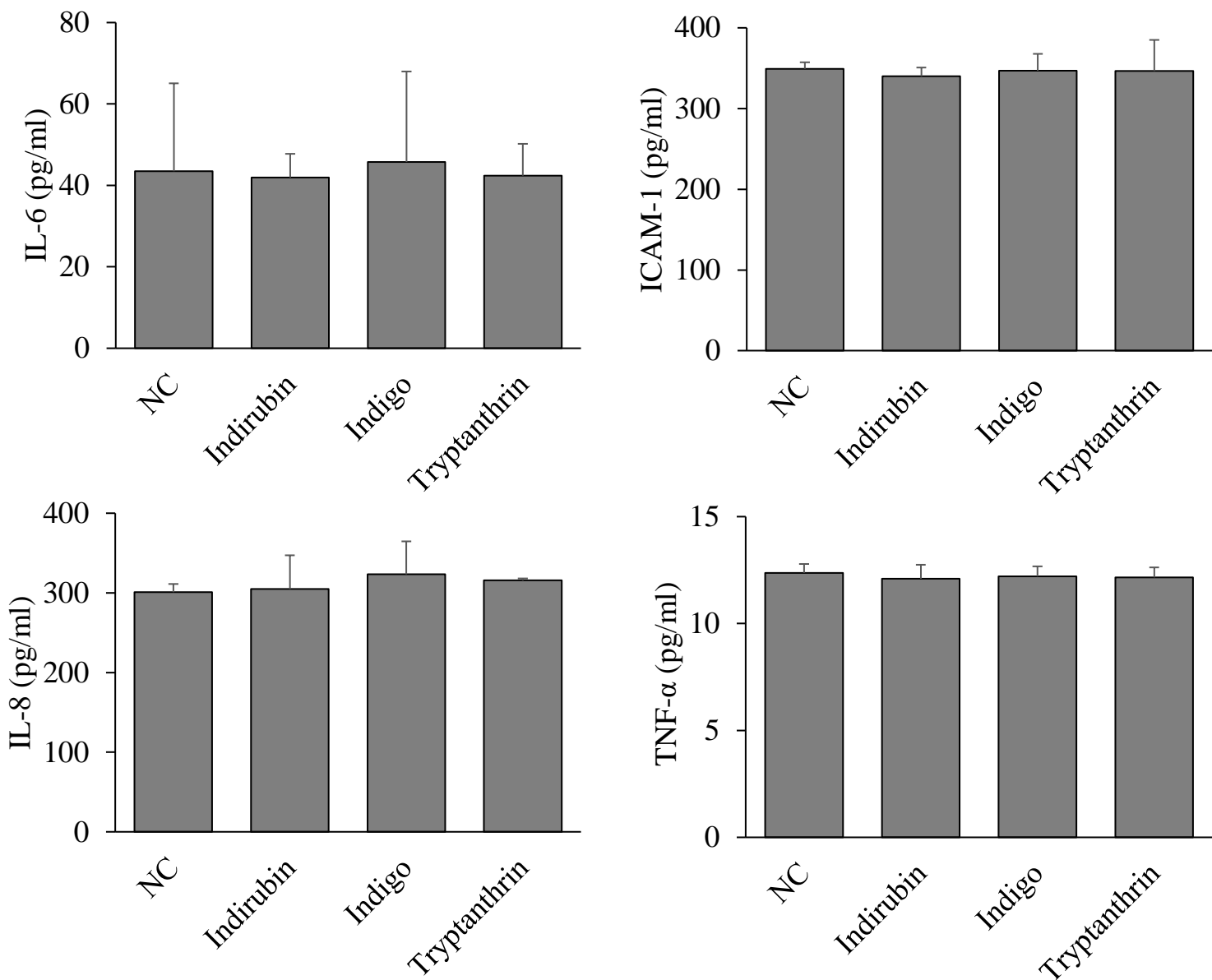
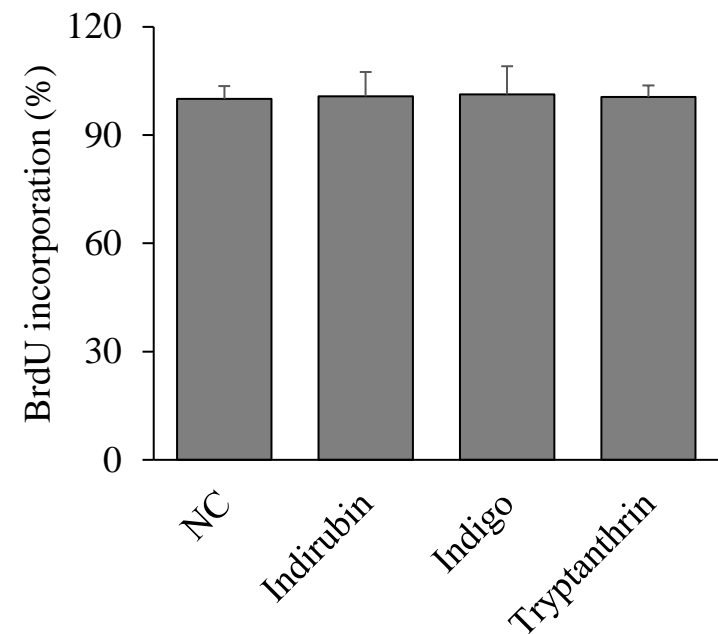


Figure S2

A



B

