

Supplementary Materials

Supplementary Figure 1. Scratch assay. The closure of the wound scratched in CP-A monolayer was evaluated under the inverted microscope TE-2000U (Nikon), immediately after BSC and IP treatment (time 0) and after 24 hours. IP was significantly able to stimulate a more rapid wound healing in BSC-treated cells. Original magnification: 200x.

Supplementary Figure 2. System of BSC-induced damage scoring based on the histological findings found in the rat esophagus. To each histological section a numerical score (between 1 and 3), depending on severity of damage (0 = no damage; 1, light damage; 2, moderate damage; 3, severe damage), was assigned taking into account the following histological characteristics: alteration of tissue layer structure, focal destruction of tissue, intracellular and/or extracellular edema, integrity of sarcolemma, presence of vacuoles and necrosis of smooth muscle cells.



