**Evaluation of the xanthan-based film incorporated with silver nanoparticles for potential application in the non-healing infectious wound**

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Fig S1. Photographs of infectious wounds on the day 0, day 1 and day 4 after different treatments (black arrows: pus, red arrows: film fragment).

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Fig S2. Results of IL-6 immunohistochemical staining (black arrows: IL-6 positive cells), 200×. A) PBS group; B) gauze group; C) simple film group; D) film + AgNP group.

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Fig S3. Results of TNF-α immunohistochemical staining (black arrows: TNF-α positive cells), 200×. A) PBS group; B) gauze group; C) simple film group; D) film + AgNP group.

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Fig S4. Results of CD68 immunohistochemical staining (black arrows: macrophages), 200×. A) PBS group; B) gauze group; C) simple film group; D) film + AgNP group.