

Supplementary Figure S1

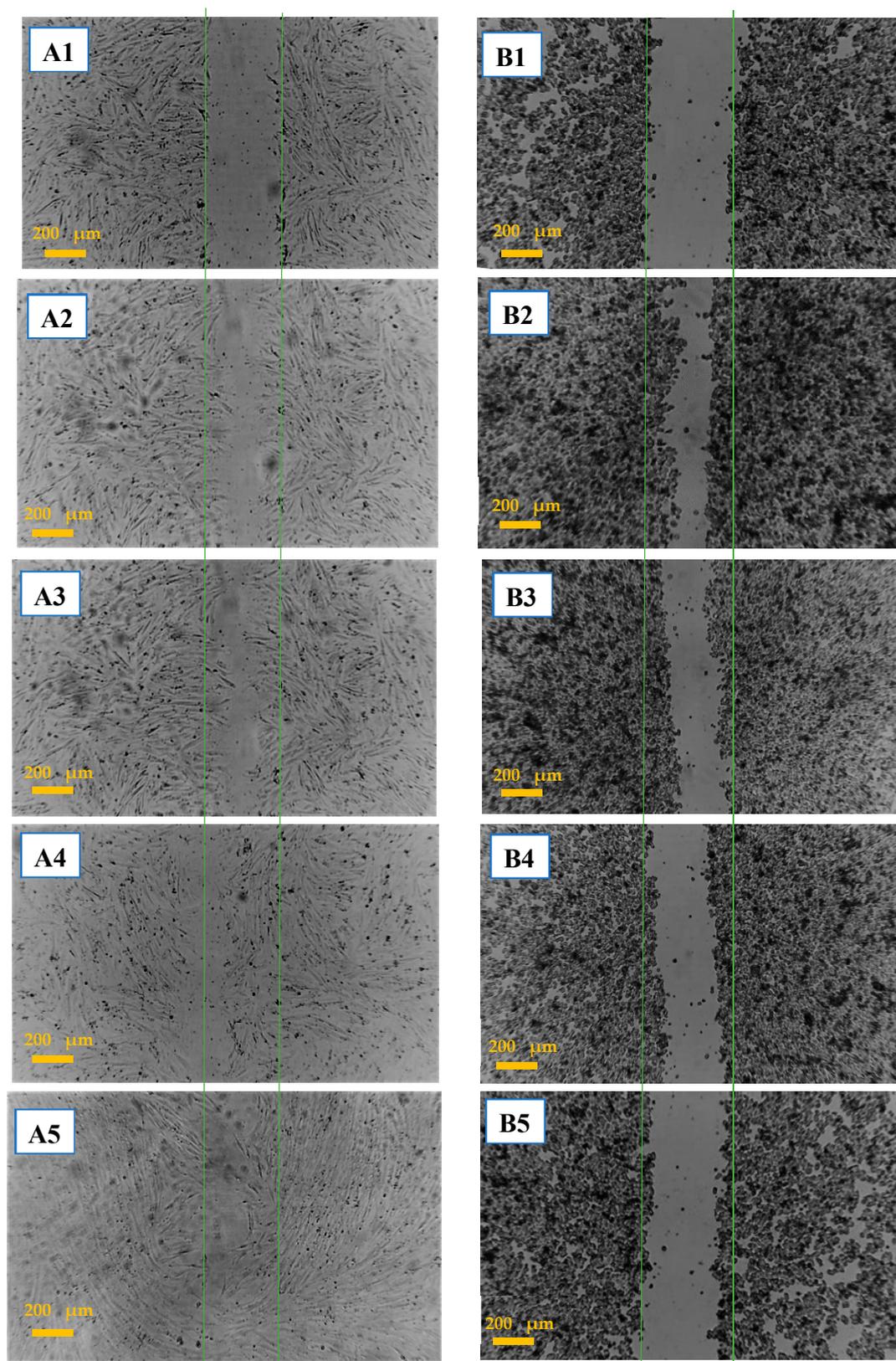


Figure 1: Effect of IR and/or AuNPs on the motility of human colonic cells. A) Human primary colon epithelial CCD841 cells; A1) untreated controls at 0 h, A2) untreated controls at 24 h, A3) 5 Gy irradiated cells at 24 h, A4) 1 mM AuNP-treated cells at 24 h and, A5) IR and AuNP-treated cells at 24 h and, B) human colorectal carcinoma SW48 cells; B1) untreated controls at 0 h, B2) untreated controls at 24 h, B3) 5 Gy irradiated cells at 24 h, B4) 1 mM AuNP-treated cells at 24 h and, B5) IR and AuNP-treated cells at 24 h.

Supplementary Figure S2

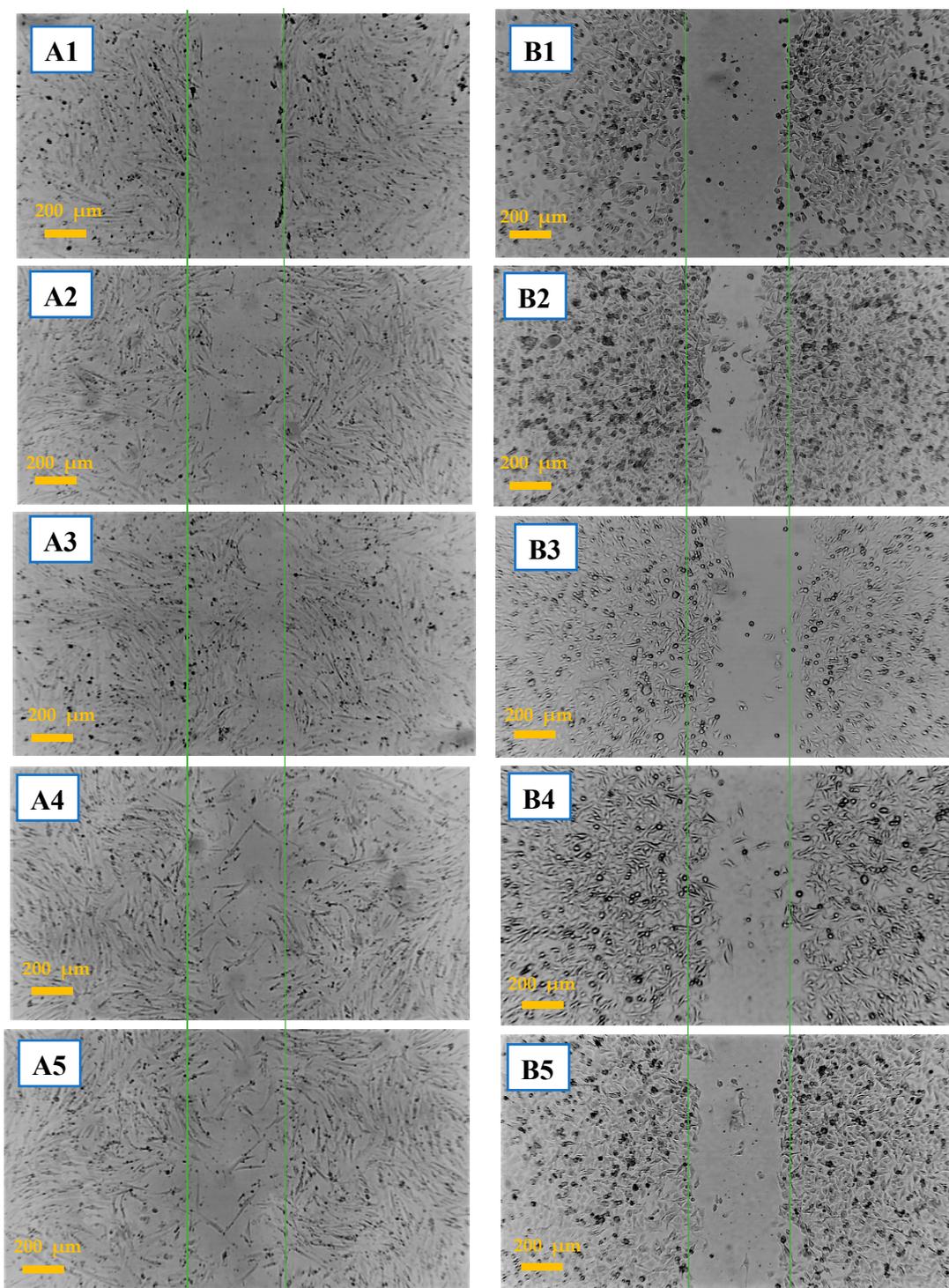


Figure 2: Effect of IR and/or AuNPs on the motility of human melanocytic cells. A) Human primary epidermal melanocytes; A1) untreated controls at 0 h, A2) untreated controls at 24 h, A3) 5 Gy irradiated cells at 24 h, A4) 1 mM AuNP-treated cells at 24 h and, A5) IR and AuNP-treated cells at 24 h and, B) human melanoma MM418-C1 cells; B1) untreated controls at 0 h, B2) untreated controls at 24 h, B3) 5 Gy irradiated cells at 24 h, B4) 1 mM AuNP-treated cells at 24 h and, B5) IR and AuNP-treated cells at 24 h.