

**Silver-coated magnetic nanocomposites induce growth inhibition
and protein changes in foodborne bacteria**

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Supplementary Figure 2. Representative two-dimensional electrophoresis of Control (A) and Ag-MNP treated (B) *E. coli*. Extracted protein samples were successively separated by isoelectric focusing (pI 4-7) and 4-20% gradient SDS-PAGE. Significantly ($p < 0.05$) differentially detected protein spots are indicated with black (down-regulated) and purple (up-regulated) colored arrows in Micrograph A, while opposite indications are shown in Micrograph B (black = up-regulated and Purple = down-regulated).

