Supplementary Information

Few Layer Graphene Does Not Affect Cellular Homeostasis of Mouse Macrophages

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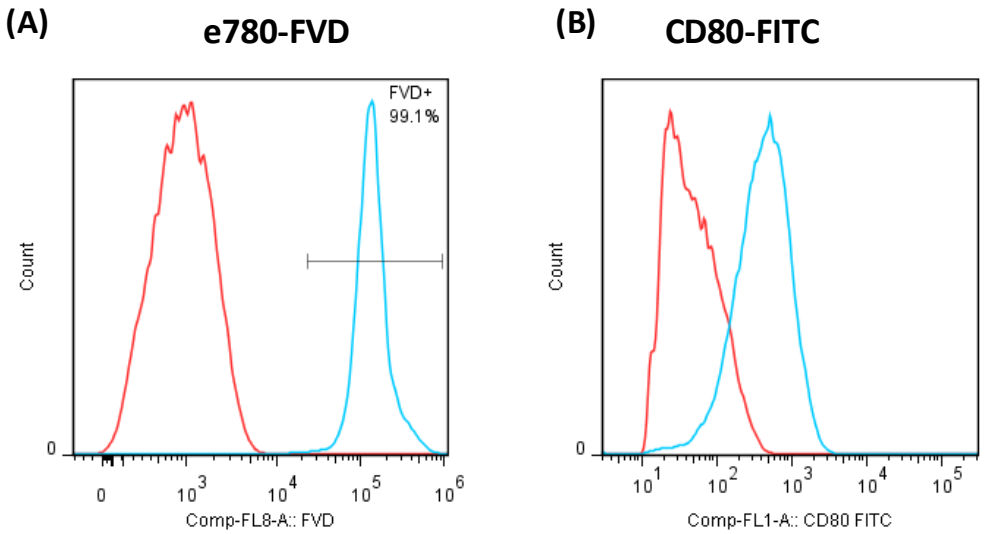

Figure. S1. Control experiments for flow cytometry stainings. Control unstained BMDMs are shown in red while DMSO-treated e780-FVD-stained positive cells (Fig S1A) and CD80-FITC-stained positive cells (Fig S1B) are shown in blue.

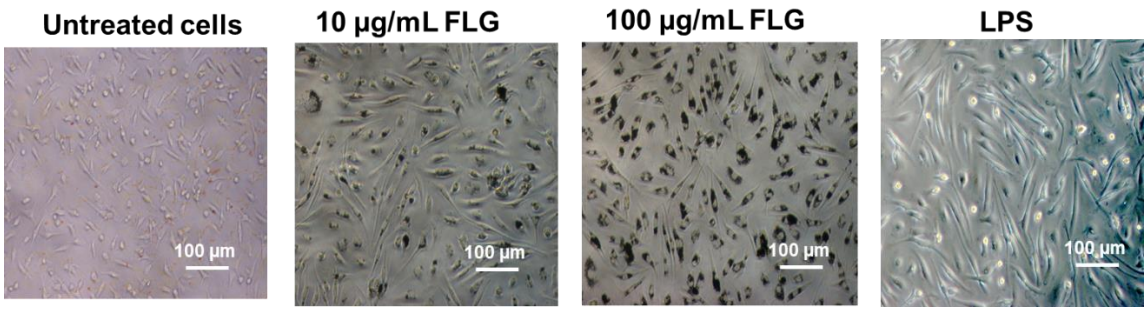

Figure. S2. Optical microscopy images of untreated, low (10 µg/mL) and high (100 µg/mL) concentration of FLG and LPS (1 µg/mL)-treated BMDMs for 24 h.

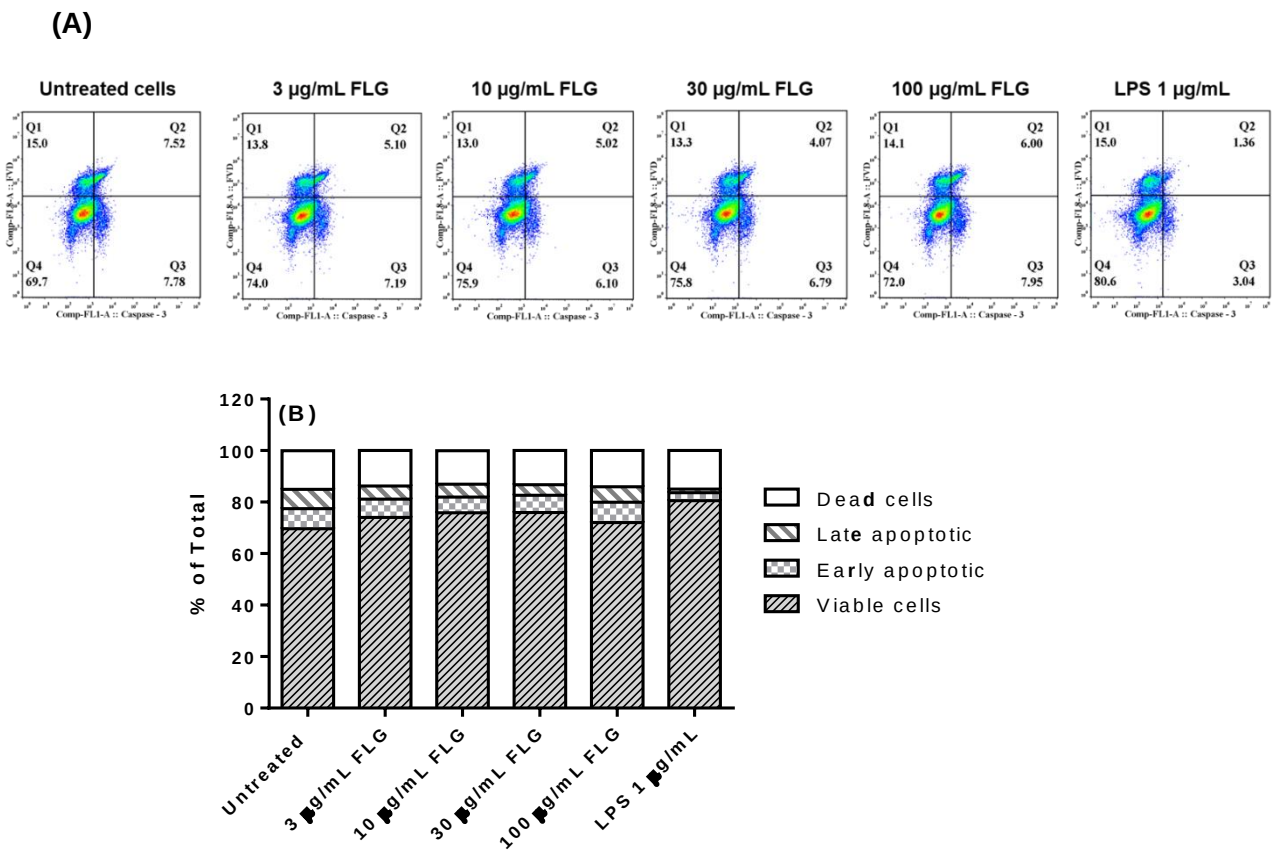

Figure. S3. Flow cytometry analysis of viability and apoptosis of BMDMs treated with different concentrations of FLG (3, 10, 30 and 100 µg/mL), with LPS (1 µg/mL) and left untreated, for 24 h. (A) Representative dot plots, and (B) corresponding bar graph of percentages of total population of cells showing viable, early apoptotic, late apoptotic and dead population of cells.