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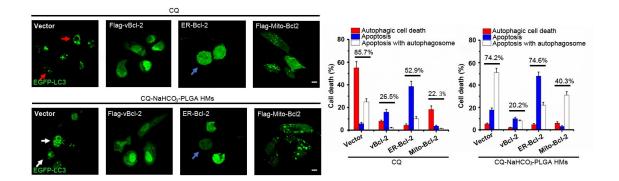


Figure. S1. Bcl-2 regulated the CQ-induced and CQ-NaHCO₃-loaded HMs-induced autophagic cell death. Representative images and quantification of autophagic cell death induced through CQ or CQ-NaHCO₃-loaded PLGA HMs. Flag-vBcl-2-transfected, Flag-Mito-Bcl-2-transfected and Flag-ER-Bcl-2-transfected MCF-7 cells were treated with 60 μ M CQ or 300 μ g/mL CQ-NaHCO₃-loaded (equal to 30 μ M CQ) PLGA HMs for 48 h. Scale bars: 10 μ m. Scale bars: 10 μ m. Red arrows: autophagic death, white arrows: autophagosome apoptosis, blue arrows: apoptosis. The data are shown as the means ± S.E.M. **P*<0.05, ** *P*<0.01, *** *P*<0.001 compared with the controls.