



**S4 Fig. Representative TEM images of the intermediate phase of BEAS-2B cells after long-term exposure to PM<sub>2.5</sub> (100 µg/ml).** (A) Membrane bound vesicles containing PM<sub>2.5</sub>. (B, C) Vesicle (amphisome) after fusion of a membrane-bound vesicle with PM<sub>2.5</sub> and an autophagosome. White arrows indicate swollen mitochondria. (D, E) Complex fusion products with PM<sub>2.5</sub>. Scale in nm