



Figure 3 ANSM-based AuNP synthesis on Metallothionein (MTn) tag expressed in HeLa cells
(a) EM image of a 90 nm section of HeLa cell expressing Mito-acGFP-MTn treated by **Scheme 3c**, showing AuNPs specific accumulated in the mitochondrial matrices (M); (b) EM image of a 90 nm section of HeLa cell expressing GFP-MTn-KDEL treated by **Scheme 3c**, showing AuNPs specific accumulated in the lumen of endoplasmic reticulum (ER) networks. For more detail information of the two cell lines can be found in our Nature Methods manuscript, Jiang et al., 2020.