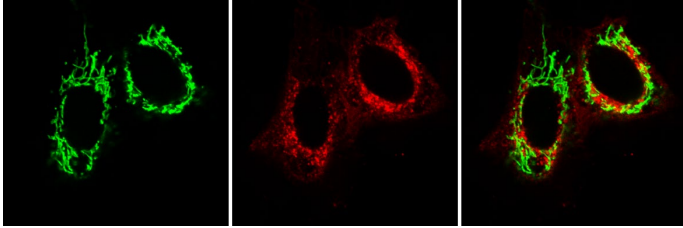
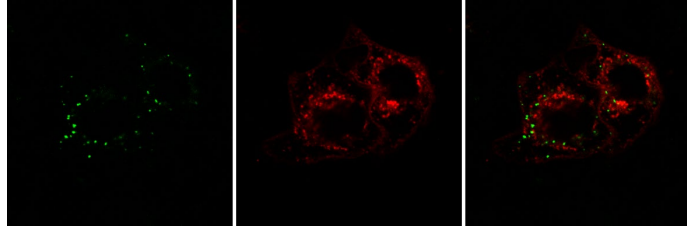


# Supplementary Data

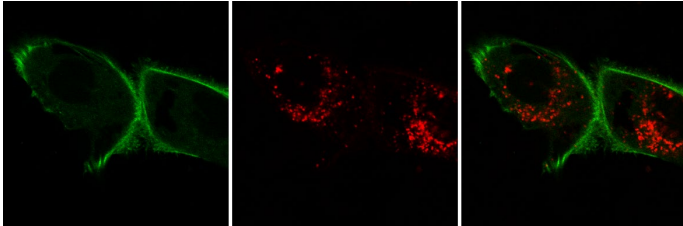
Mito Grx1-roGFP2    ATP13A2-Halo    Merge



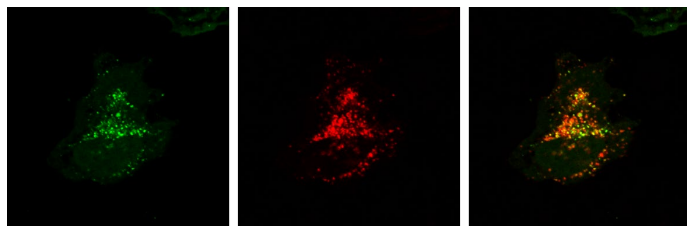
PMP2-Grx1-roGFP2    ATP13A2-Halo    Merge



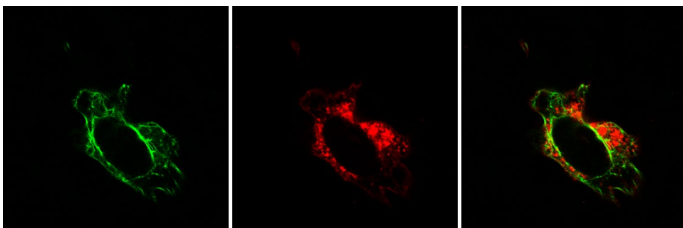
LifeAct7-Grx1-roGFP2    ATP13A2-Halo    Merge



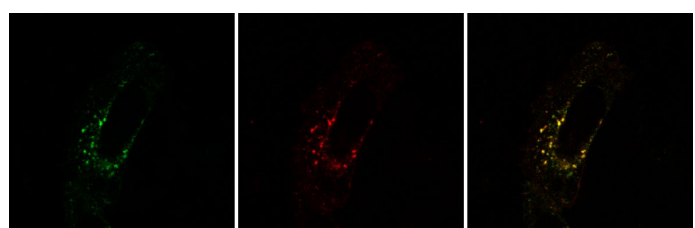
EGFP-LC3    ATP13A2-Halo    Merge



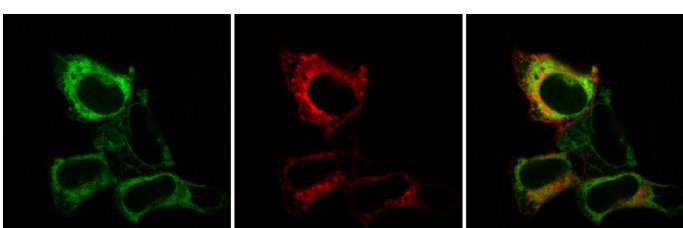
Keratin-Grx1-roGFP2    ATP13A2-Halo    Merge



ATP13A2-Halo    Lamp1-RFP    Merge



Sec-61b-Grx1-roGFP2    ATP13A2-Halo    Merge



**S1 Fig.** Full documentation of the immunostaining data (ATP13A2-Halo). Only representative images are shown in the main figure 2.