

Supporting information

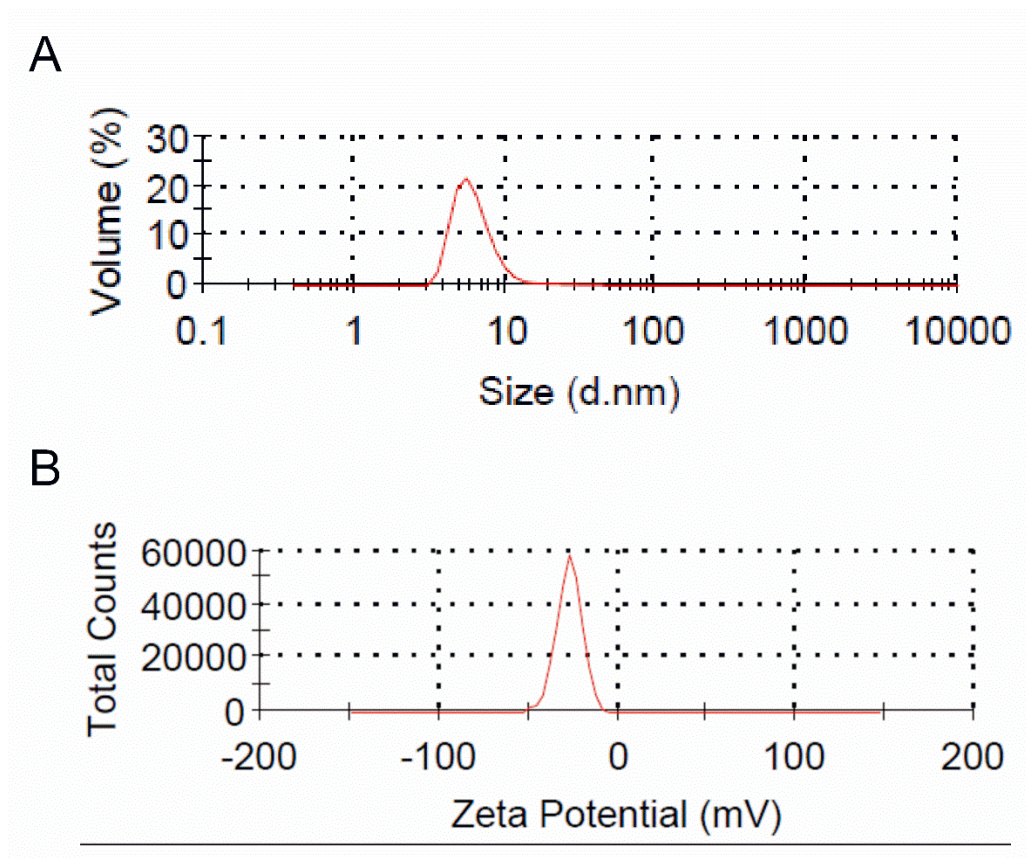


Figure S-1. (A) The size distribution of AuNPs after 72-h incubation in cell culture medium with 5% horse serum and 2.5% fetal bovine serum were determined by dynamic light scattering (DLS). (B) The zeta potential of AuNPs was measured by DLS.

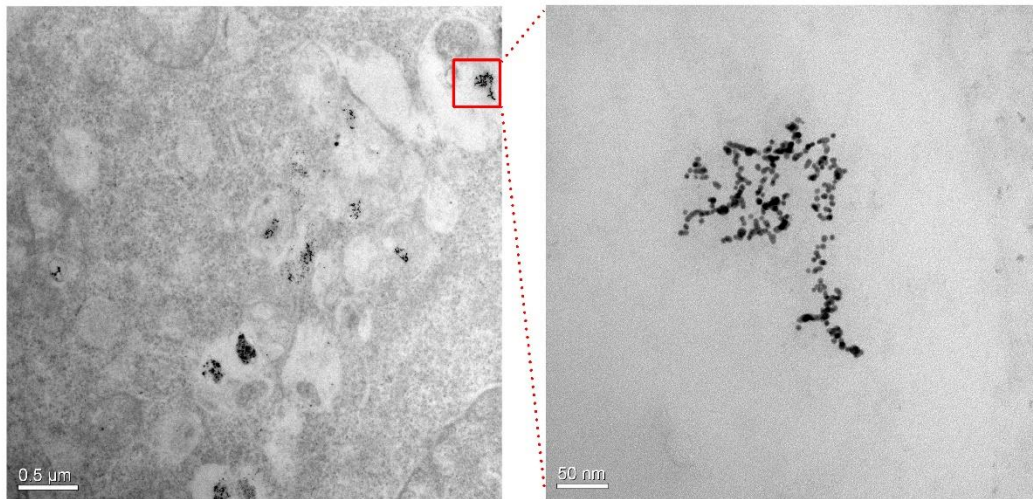
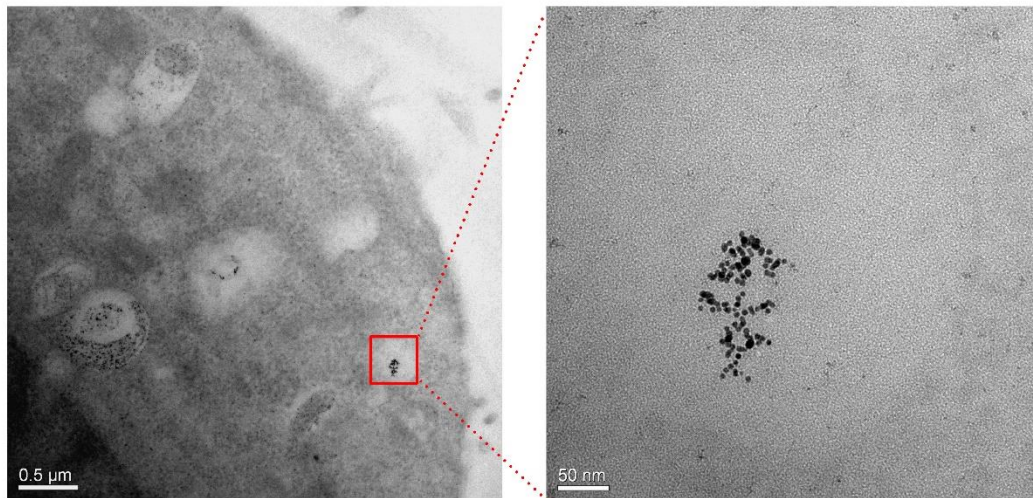
A**B**

Figure S-2. Representative TEM images of TM3 cells after 48-h (A) or 72-h (B) exposure of AuNPs (25.00 μM). AuNPs were mainly entrapped in the endosome/lysosome.

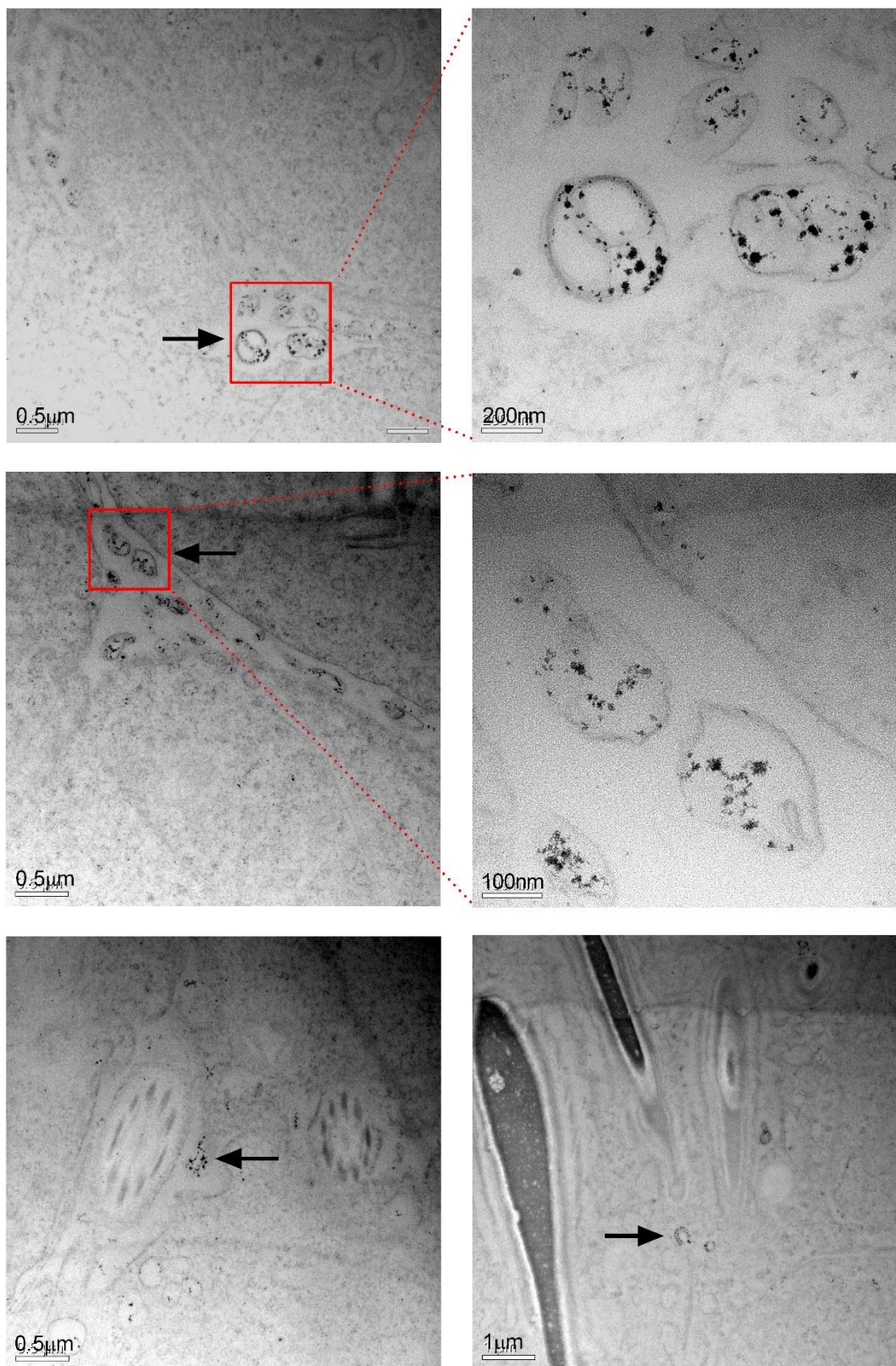


Figure S-3. TEM images of testicular sections in mice treated with 0.5 mg/kg AuNPs on day 14.

Black dots (black arrow) in the section were AuNPs, which were obviously present in the testicular section and mainly packed in the vesicles.