



**FIGURE 2. TEM Images of  $A\beta_{(1-42)}$  with  $\text{Zn}^{2+}$  and glutamate.** A-H. representative TEM images of  $A\beta_{(1-42)}$  samples incubated with: No  $\text{Zn}^{2+}$  (A); 0.05 equivalents of  $\text{Zn}^{2+}$  (B and C); 2.0 equivalents of  $\text{Zn}^{2+}$  (D); no  $\text{Zn}^{2+}$  (E); 0.05 equivalents of  $\text{Zn}^{2+}$  (F); 0.4 equivalents of  $\text{Zn}^{2+}$  (G); and 2.0 equivalents of  $\text{Zn}^{2+}$  (H). E – H also have glutamate present; ratio  $\text{Zn}^{2+}$ :glutamate is 1:2 . All samples were negatively stained with phosphotungstic acid. Scale bars are 250 nm.