



**FIGURE 4. TEM Images of  $A\beta_{(1-40)}$  with  $\text{Zn}^{2+}$  and glutamate.** A-H. Representative TEM images of  $A\beta_{(1-40)}$  samples, incubated with no  $\text{Zn}^{2+}$  (A), 0.05 equivalents of  $\text{Zn}^{2+}$  (B), 0.2 equivalents of  $\text{Zn}^{2+}$ (C), 2 equivalents of  $\text{Zn}^{2+}$  (D), 4 equivalents of glutamate no  $\text{Zn}^{2+}$  (E), 0.05 equivalents of  $\text{Zn}^{2+}$  (F), 0.2 equivalents of  $\text{Zn}^{2+}$  (G), and 0.4 equivalents of  $\text{Zn}^{2+}$  (H). E-H as  $\text{Zn}^{2+}$  :glutamate, ratio is 1:2. All samples were stained with phosphotungstic acid. Scale bars are 250 nm.