



FIGURE 6. **Zn²⁺ added to mature A β ₍₁₋₄₀₎ fibres.** *A.* A β ₍₁₋₄₀₎ fibre growth, monitored by Thioflavin T fluorescence, to which buffer (red) and 0.4 equivalents of Zn²⁺ (blue) was added at 250 hours. Fibre growth was carried out at pH 7.4, with 10 μ M A β (1-42), 30 mM HEPES, 10 mM NaCl and agitation, at 30 °C. (N = 3 Traces). *B.* Representative TEM image of mature A β ₍₁₋₄₀₎ fibres, which after fibre growth were incubated with 0.4 equivalents of Zn²⁺ for 100 hours. The addition of Zn²⁺ to mature fibres has no effect on content or appearance. Samples were stained with phosphotungstic acid. Scale bar is 250 nm.