

## Supporting Materials

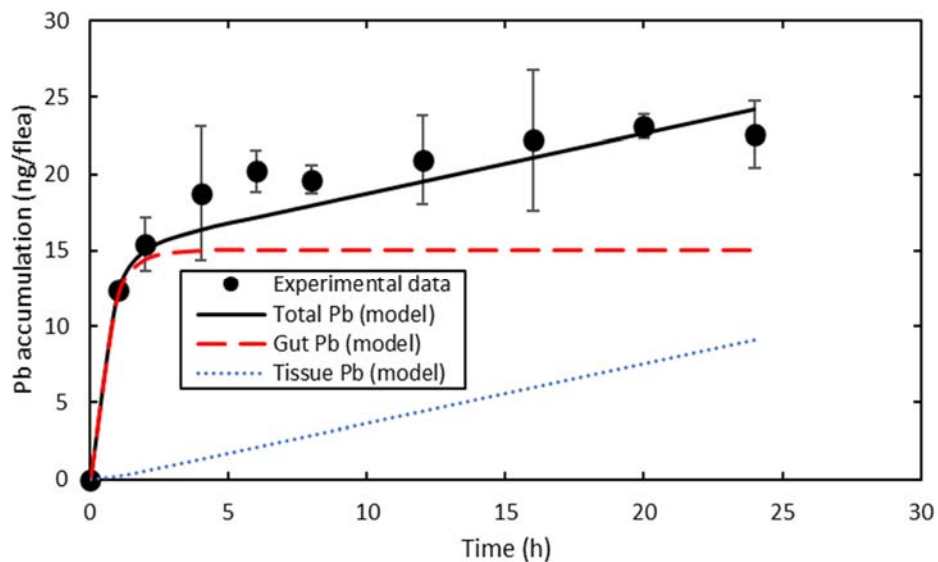


Fig. S1 The Pb accumulation in *C. dubia* in the presence of nano-TiO<sub>2</sub>. Exposure conditions: [Pb] = 2500 µg/L; [NPs] = 10 mg/L; exposure time = 24 h. Each point represents the average value of data ( $N = 2$ ), error bar attached to each point represents the range of data

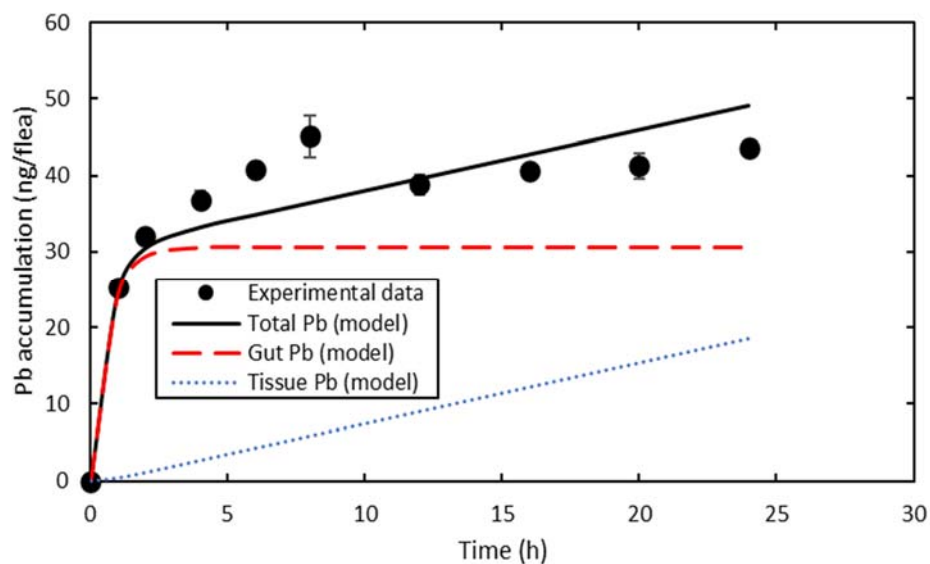


Fig. S2 The Pb accumulation in *C. dubia* in the presence of nano-TiO<sub>2</sub>. Exposure conditions: [Pb] = 2500 µg/L; [NPs] = 20 mg/L; exposure time = 24 h. Each point represents the average value of data ( $N = 2$ ), error bar attached to each point represents the range of data

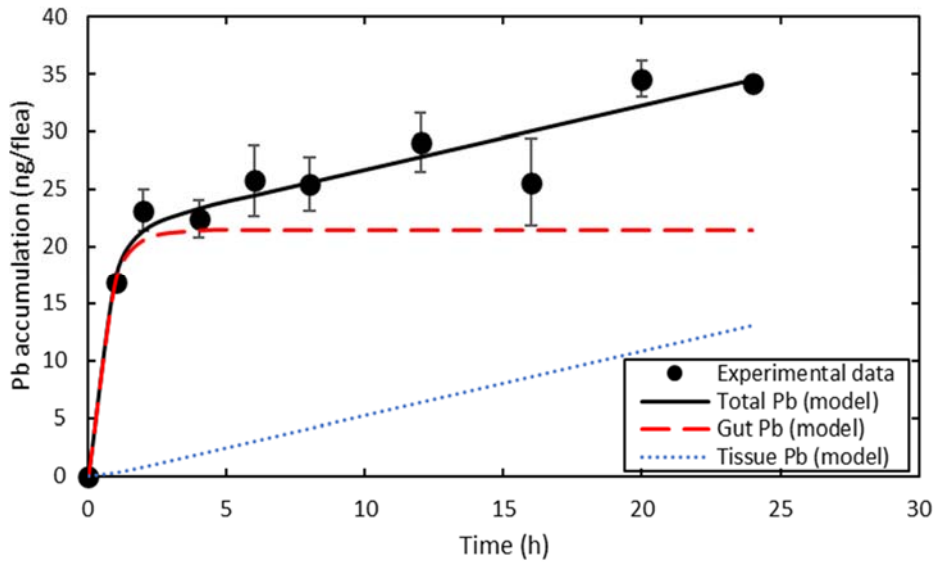


Fig. S3 The Pb accumulation in *C. dubia* in the presence of nano-TiO<sub>2</sub>. Exposure conditions: [Pb] = 2500 µg/L; [NPs] = 50 mg/L; exposure time = 24 h. Each point represents the average value of data ( $N = 2$ ), error bar attached to each point represents the range of data

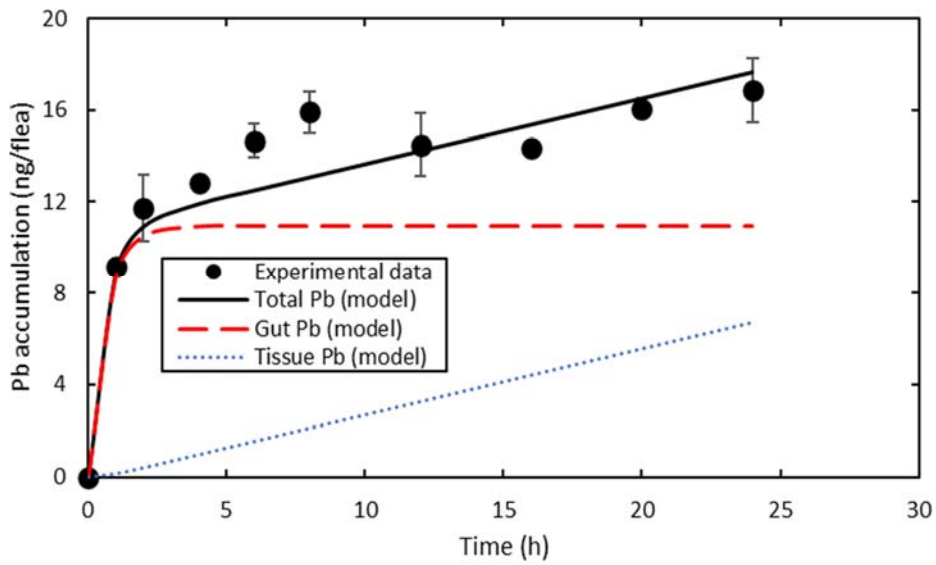


Fig. S4 The Pb accumulation in *C. dubia* in the presence of nano-TiO<sub>2</sub>. Exposure conditions: [Pb] = 2500 µg/L; [NPs] = 200 mg/L; exposure time = 24 h. Each point represents the average value of data ( $N = 2$ ), error bar attached to each point represents the range of data

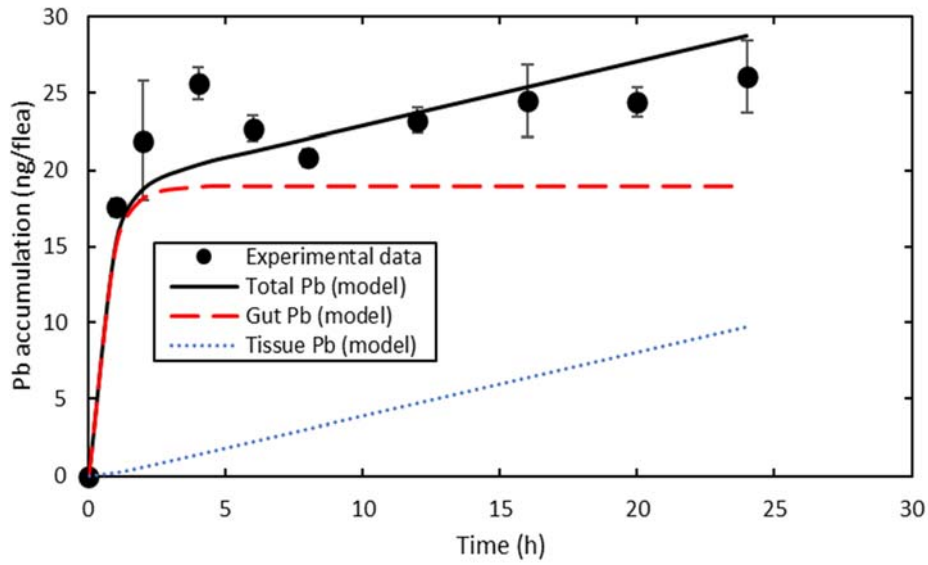


Fig. S5 The Pb accumulation in *C. dubia* in the presence of nano-TiO<sub>2</sub> and algae. Exposure conditions: [Pb] = 2500 µg/L; [NPs] = 50 mg/L; algae =  $1.8 \times 10^5$  cell/mL; exposure time = 24 h. Each point represents the average value of data ( $N = 2$ ), error bar attached to each point represents the range of data

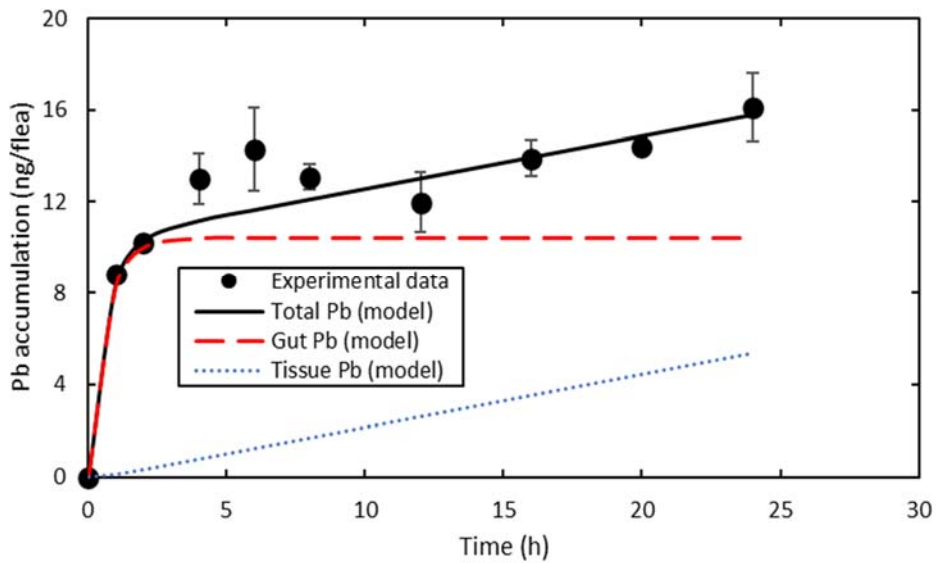


Fig. S6 The Pb accumulation in *C. dubia* in the presence of nano-TiO<sub>2</sub> and algae. Exposure conditions: [Pb] = 2500 µg/L; [NPs] = 200 mg/L; algae =  $1.8 \times 10^5$  cell/mL; exposure time = 24 h. Each point represents the average value of data ( $N = 2$ ), error bar attached to each point represents the range of data