

Supplementary Material for

Effects of the Anaerobic Respiration of *Shewanella Oneidensis* MR-1 on the Stability of Extracellular U(VI) Nanofibers

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Fig. S1

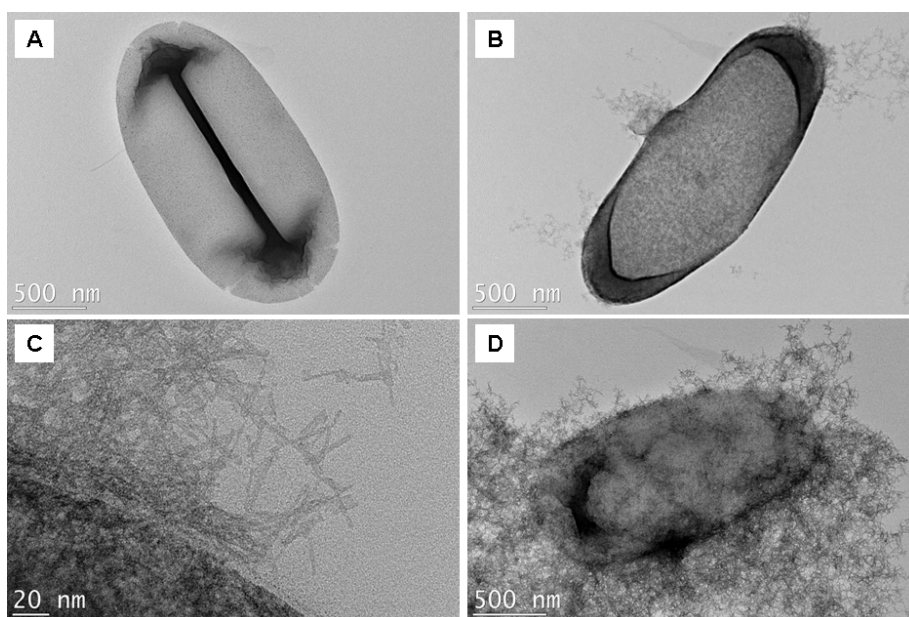


Fig. S1. TEM images showing formation of U(VI) nanofibers by wild type *S. oneidensis* MR-1 taken at (A) 0 h, (B and C) 8h, and (D) 12 h incubation.

Fig. S2

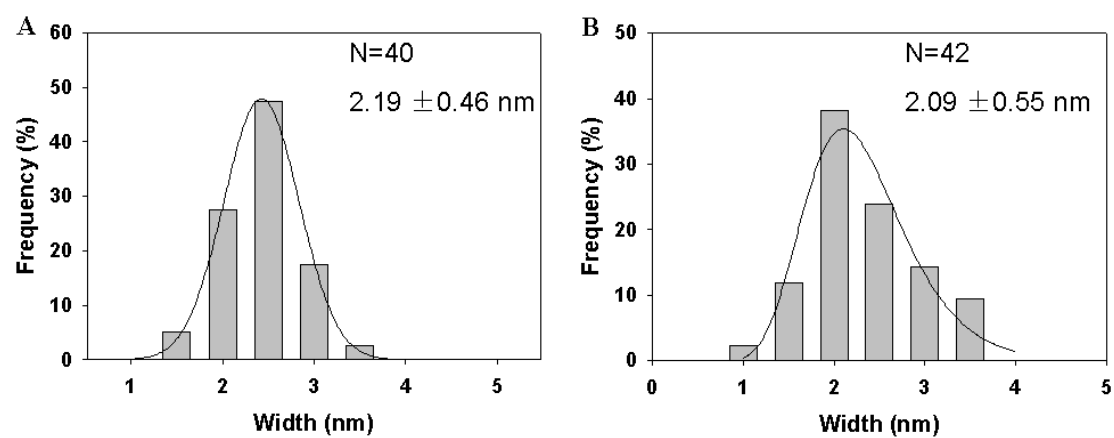


Fig. S2. Size distribution of U(VI) nanofibers (A) and U(IV) nanoparticles (B) formed by wild type *S. oneidensis* MR-1. Numbers of the nanofibers and nanoparticles counted, average, and standard deviations of the width of the U(VI) nanostructures are shown on the diagram. Solid lines: Estimation by log normal function.

Fig. S3

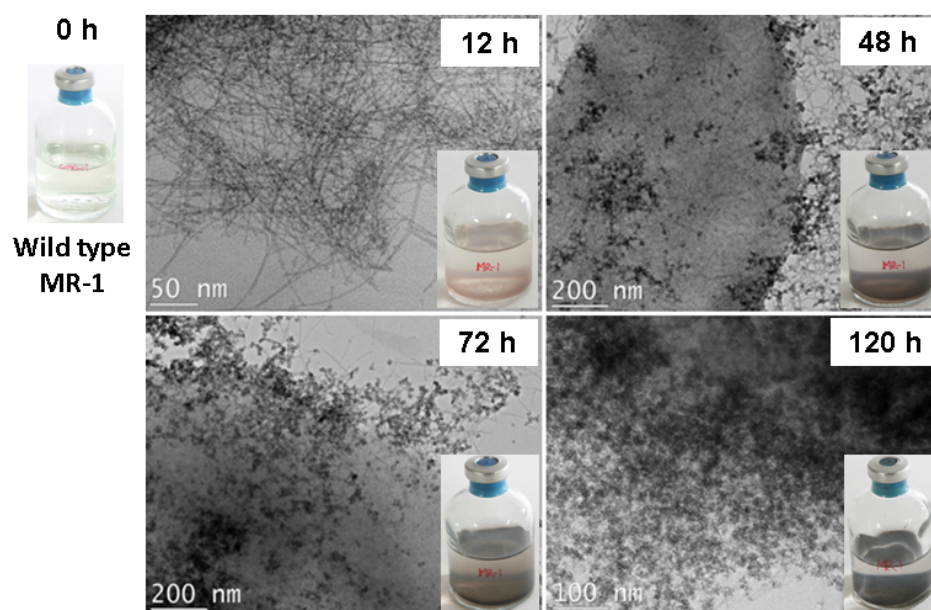


Fig. S3. TEM images showing the transformation of U(VI) nanofibers to U(IV) nanoparticles by wild type *S. oneidensis* MR-1. Color changes of the precipitate formed in the culture medium with incubation time is also shown.