

Supplementary Information for Impact of Solution Chemistry on the Biotechnological Synthesis and Properties of Palladium Nanoparticles

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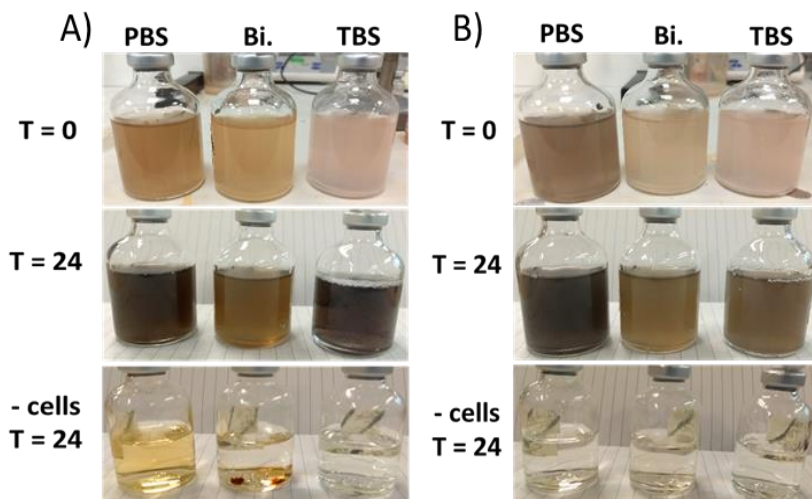


Fig S1 Change in colour over time of (A) Na₂PdCl₄ (B) Pd(NH₃)₄Cl₂·H₂O in Bicarbonate, PBS and TBS buffers, with cells (top two rows) and without (bottom row) cells.

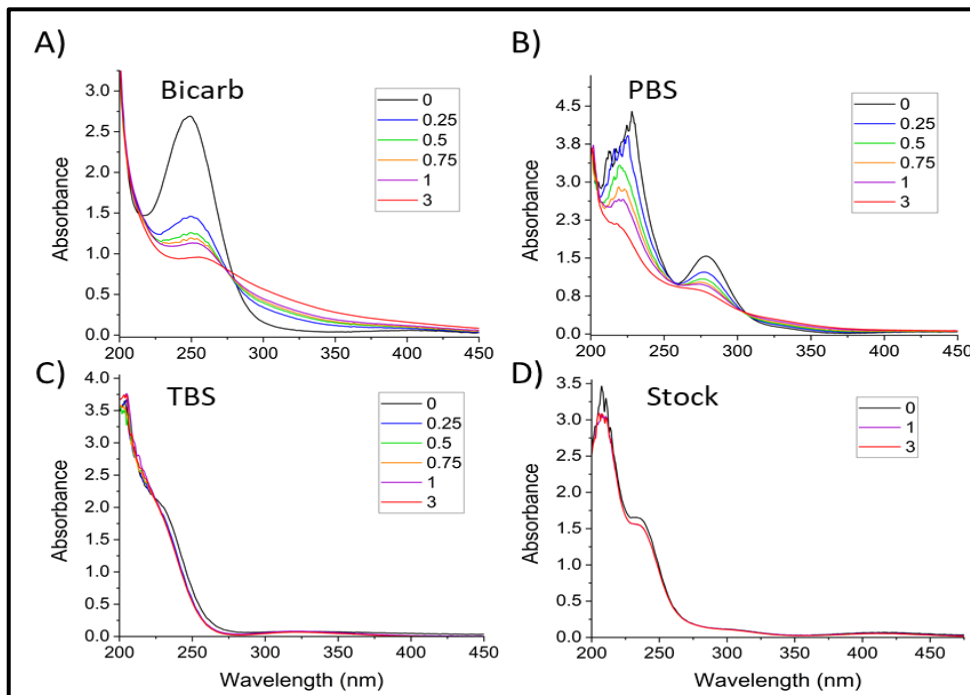


Fig S2 UV-Vis spectra of 250 μM TCP in cell-free buffers (A) Bicarbonate (B) PBS (C) TBS, and (D) Pd(II) stock solutions. Time points are stated in hours.

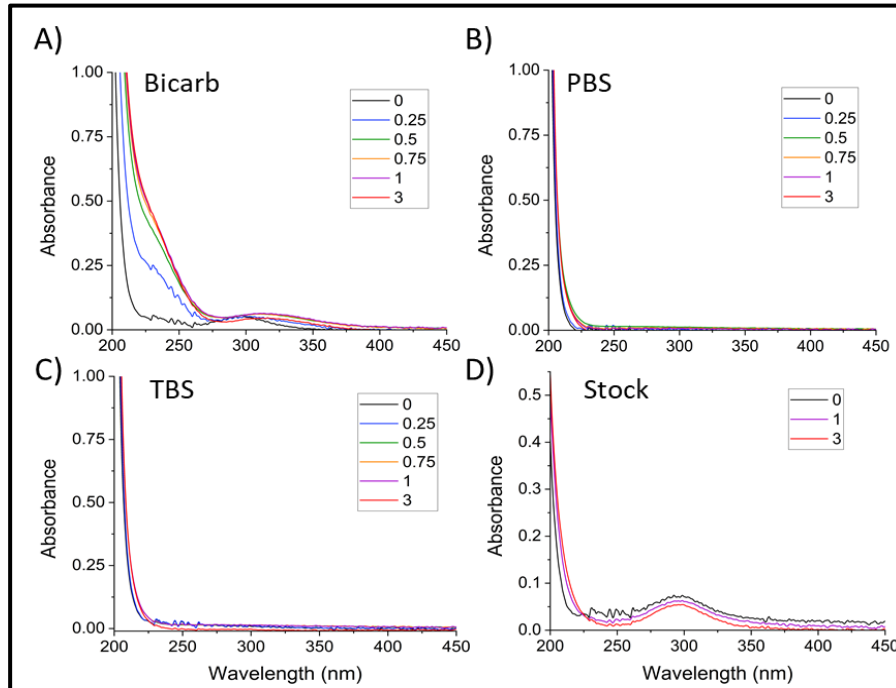


Fig S3 UV-Vis spectra of 250 μM TAP in cell-free buffers (A) Bicarbonate (B) PBS (C) TBS, and (D) Pd(II) stock solutions. Time points are stated in hours.

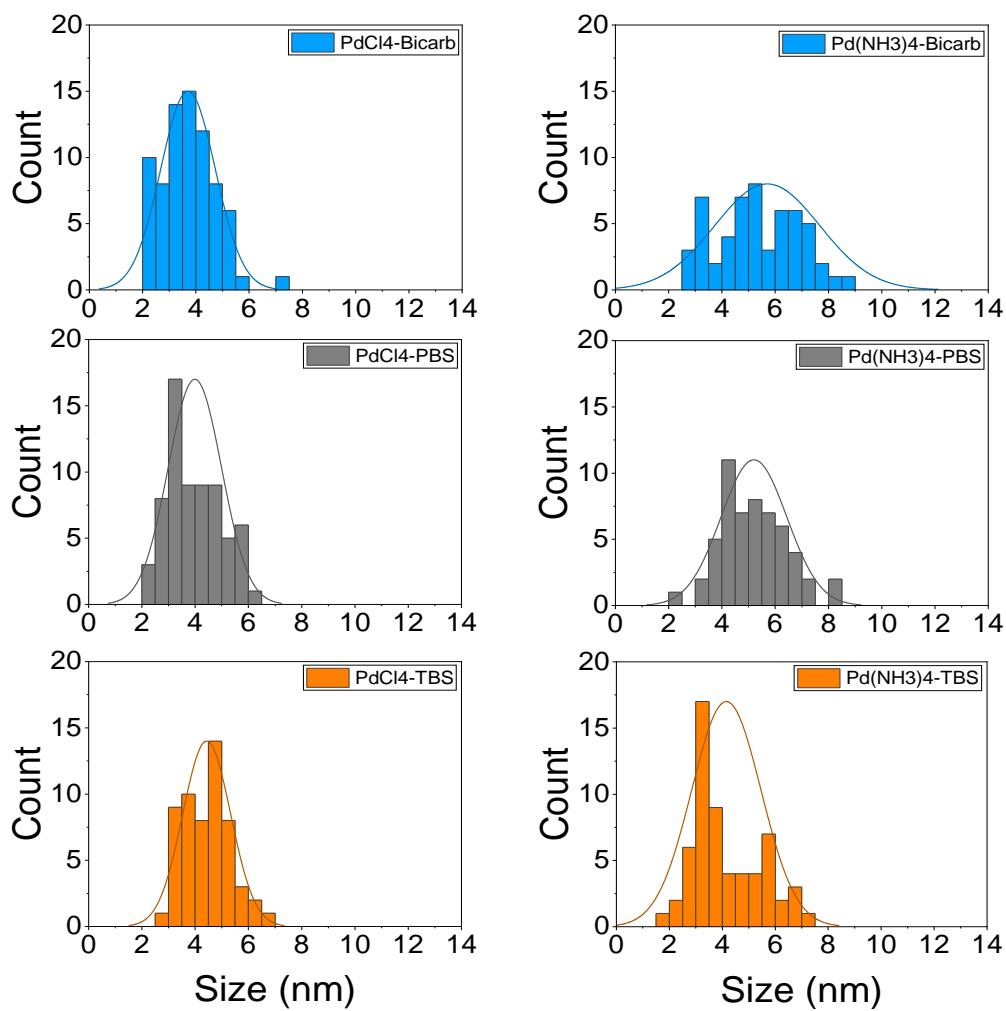


Figure S4 Size distributions for all bio-Pd samples, distributions calculated from measuring 150 particles from each sample.