Supplementary Materials

Degradation of Decabromodiphenyl Ether in an Aerobic Clay Slurry Microcosm Using a Novel Immobilization Technique

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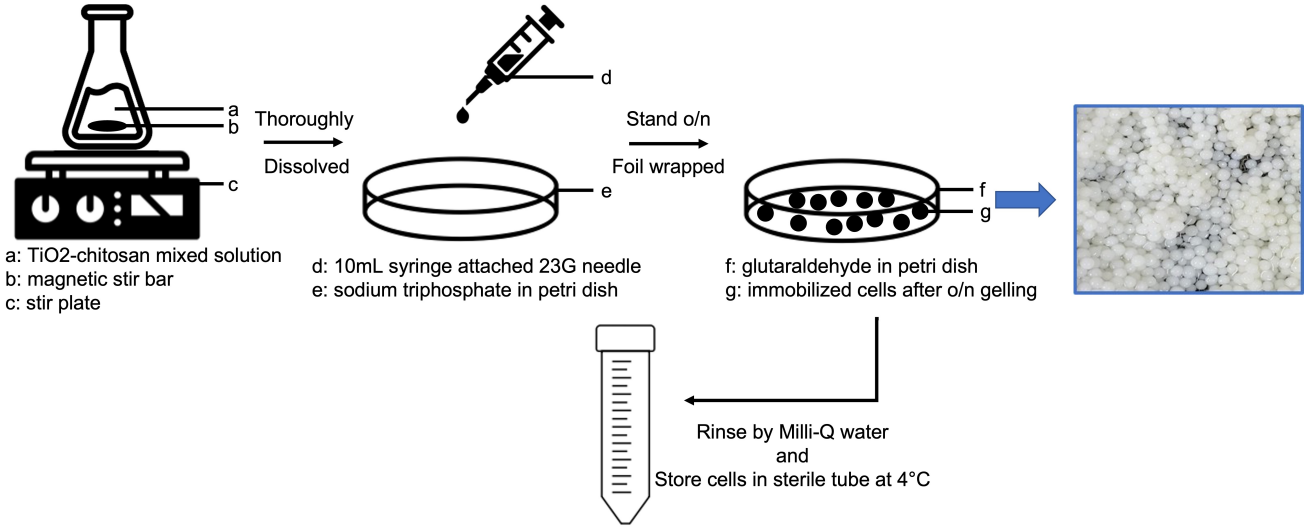

Figure S1. Schematic of the TiO_2-immobilization procedure.

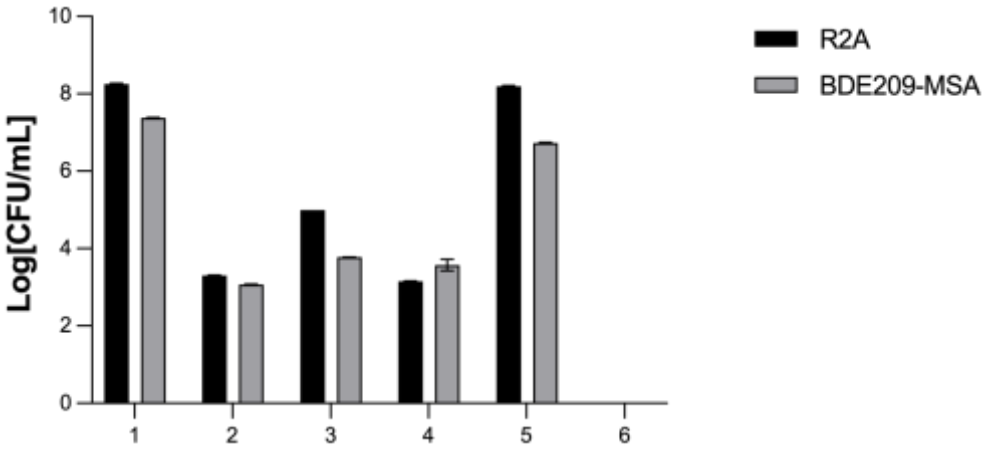

Figure S2 The viability of the Da-An bacteria in the various chemicals used in the immobilization procedure. Value 1-6 on the X axis is defined as each step of Table 3, including the various chemicals used during the immobilization procedure. Step: 1: Control-0.85% NaCl; step 2: 1% acetic acid; step 3: 0.1% TiO_2 in 1% acetic acid; step 4: 0.05% TiO_2 in 1% acetic acid; step 5: 1% sodium triphosphate; step 6: 0.25% glutaraldehyde.

(**a**) (**b**)

Figure S3. Photographs of the TiO_2 immobilized chitosan beads. (**a**) Before use in the dye degradation experiment. (**b**) After use in the dye degradation experiment.