

Supplementary Data

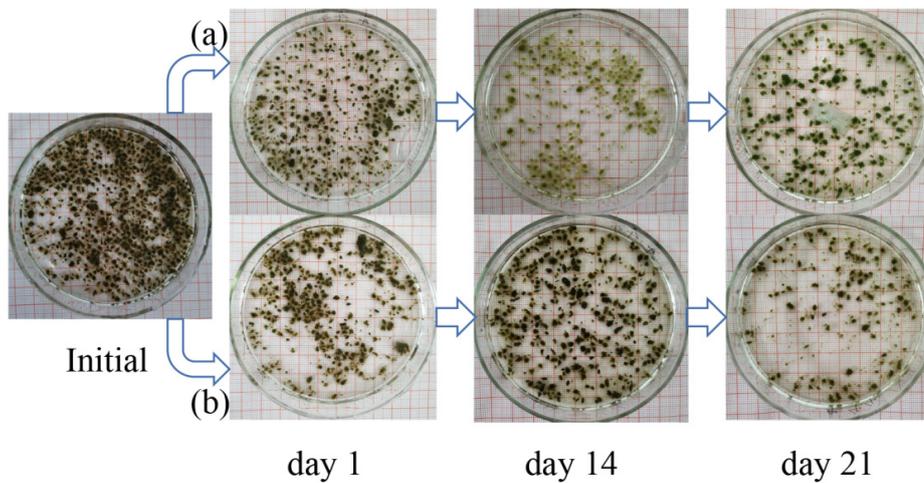
# Reactivation of Frozen Stored Microalgal-Bacterial Granular Sludge under Aeration and Non-Aeration Conditions

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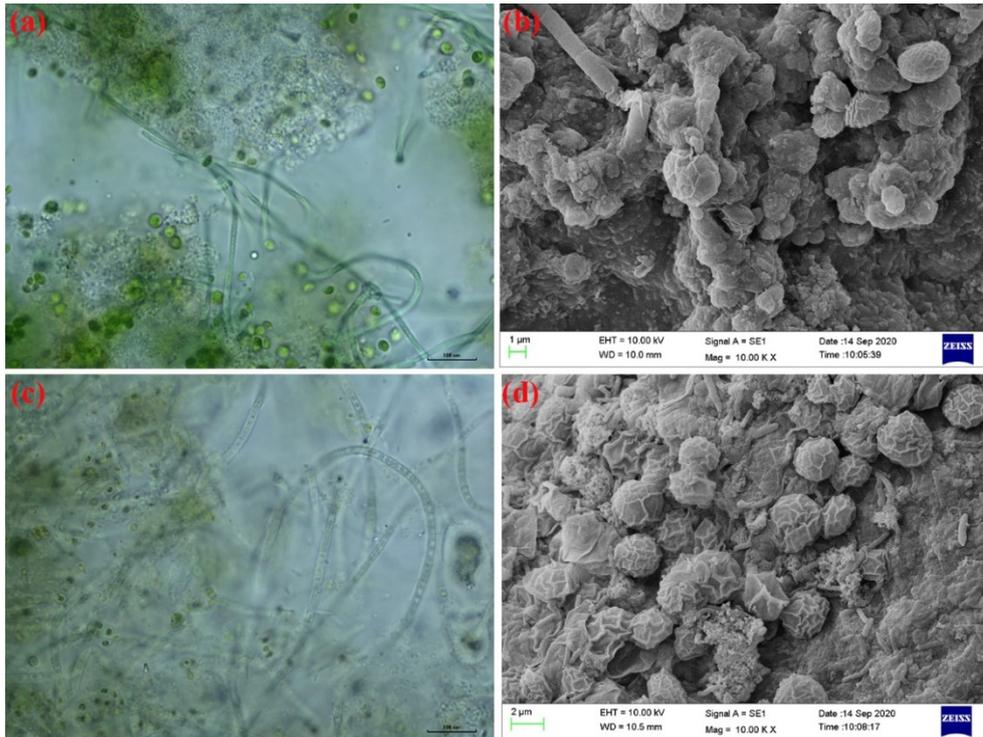
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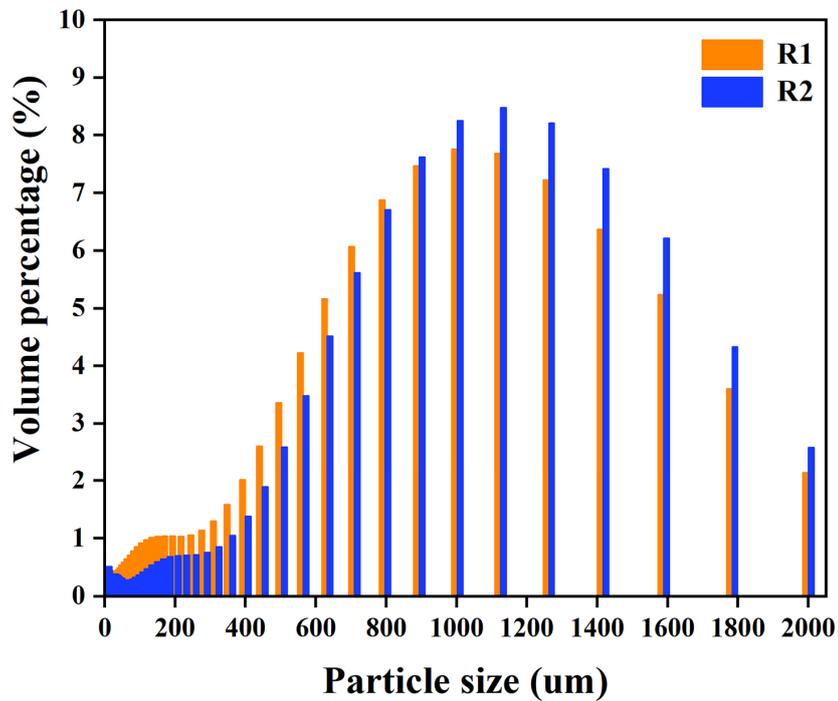
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**Figure S1.** Variation in morphological appearances of microalgal-bacterial granular sludge (a) Aerated PBR; (b) Non-aerated PBR during the reactivation process.



**Figure S2.** Microbial community reflected by microscope and SEM of microalgal-bacterial granules. Aerated PBR: (a) microscope; (b) SEM. Non-aerated PBR: (c) microscope; (d) SEM



**Figure S3.** Particle size distributions of microalgal-bacterial granules after reactivation. (R1: Aeration; R2: Non-aeration).