

[Electronic supplementary information]

1 **Improved degradation of anaerobically digested sludge during post** 2 **aerobic digestion using ultrasonic pretreatment**

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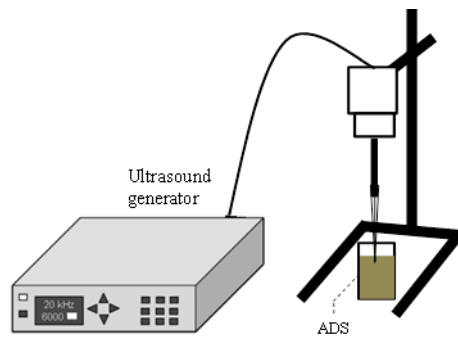
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Fig. S-1. Schematic of sonication system

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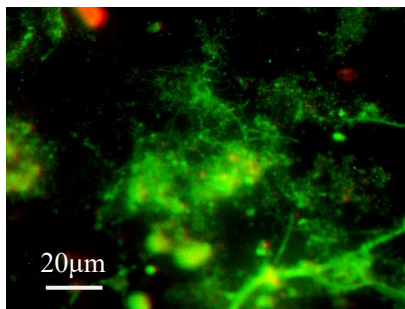
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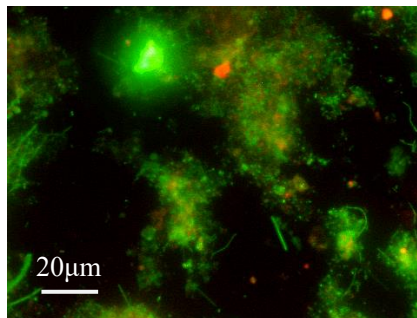
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Before:

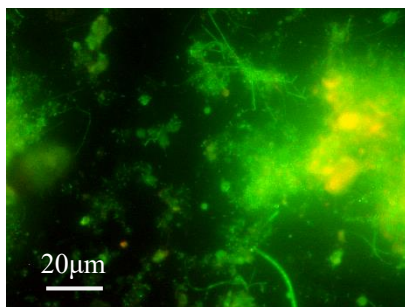
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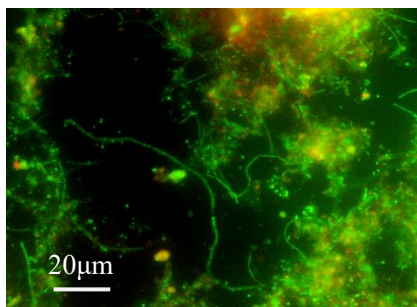
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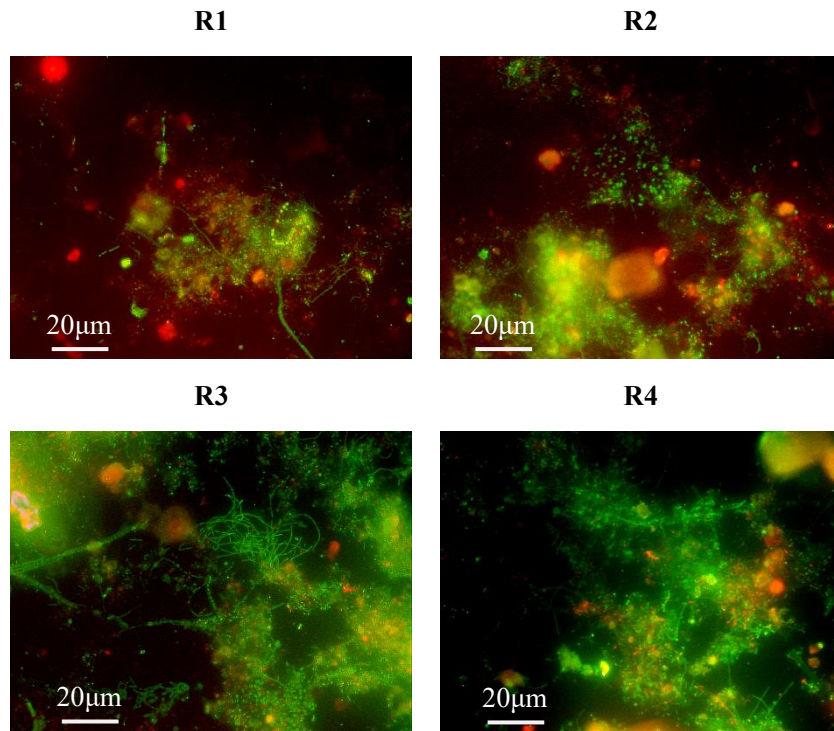
R3



R4



After:



48 **Fig. S-2.** Microscopic images of LIVE/DEAD® staining on the sludges from each reactor R1, R2,
49 R3 and R4 on day 0 (Before) and on day 5 (After).

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