

Supplementary information

For

**Supplementary material for stability of aerobic granular sludge
under low energy consumption: Optimization of granular size
distribution by a novel internal component**

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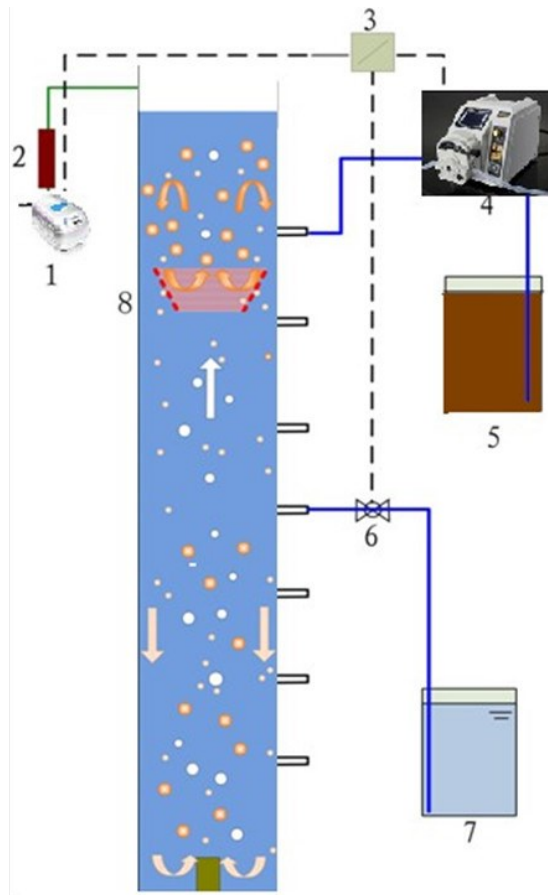
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**Fig. S1 Schematic of novel bioreactor with built-in screens of different pore sizes
(R1 is control reactor, R2, R3, R4 with pore sizes of 1.5, 2.5, 3.5 mm)**

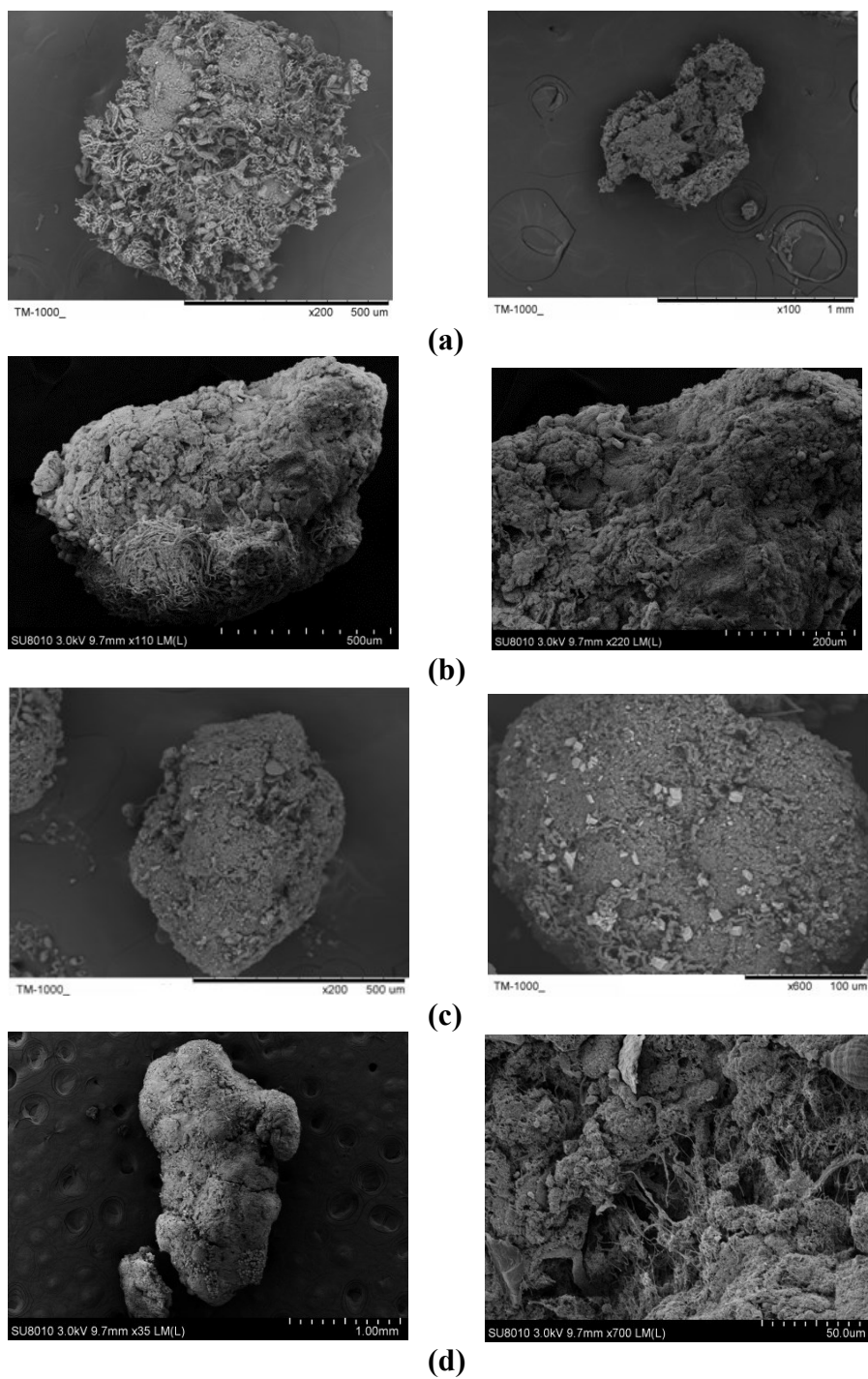


Fig. S2 SEM images of aerobic granules in four reactors at 35d: a. R1; b. R2; c. R3; d. R4

Table. S1 Variation of microbial aroma index of sludge in different reactors

Time (d)	R1	R2	R3	R4
0	4.26	4.26	4.26	4.26
20	5.13	5.09	5.31	5.48
40	5.64	6.23	6.44	4.91
60	5.37	6.73	6.91	3.66