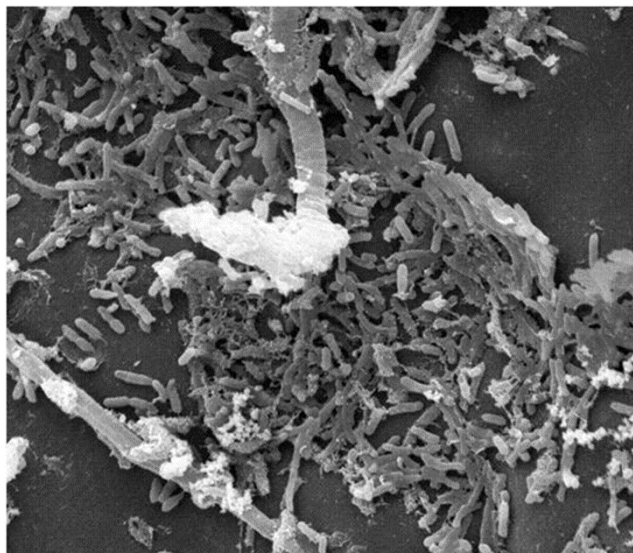
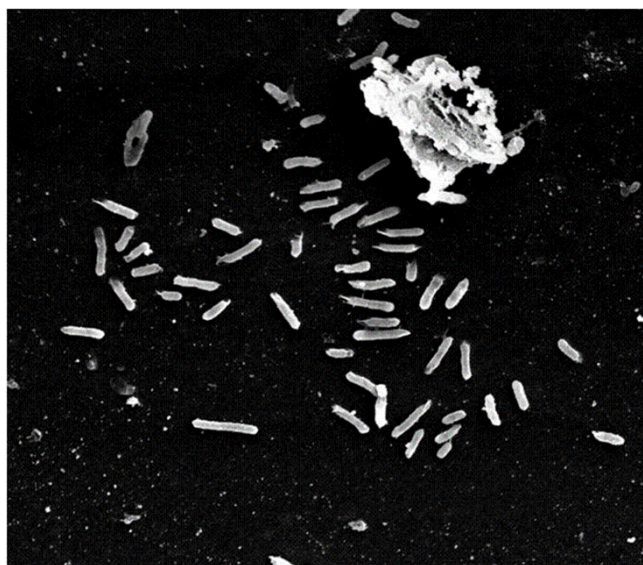


## Supporting information

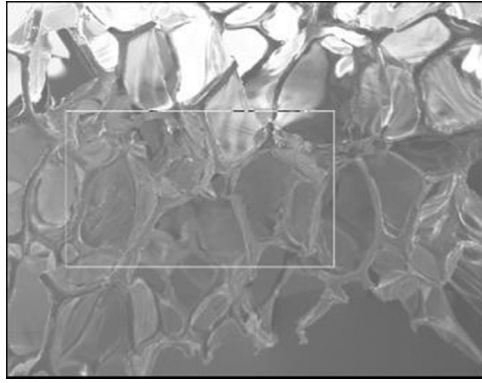


(a)

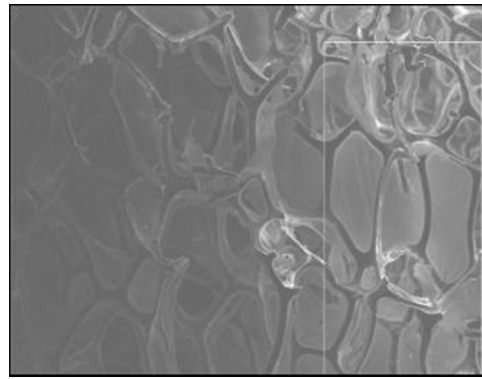


(b)

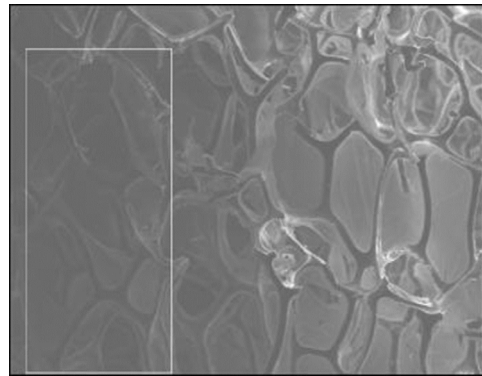
**Fig. S1** SEM photos of biomass on polyurethane foam cube: (a) surface of the polyurethane foam cube (5000 ×); (b) center of the polyurethane foam cube (5000 ×)



(a)



(b)



(c)

**Fig. S2** SEM microphoto and EDX analysis of samples. (a) new packing material  $\times 50$ ; (b) surface  $\times 50$ ; (c) 4 mm from the surface  $\times 50$

**Table S1** EDX analysis of samples (a: new packing material, b: surface, c: 4 mm from the surface)

No.	C /wt%	N /wt%	O /wt%	S /wt%
a	68.41	10.45	21.14	0
b	74.28	00.75	21.96	3.01
c	71.10	5.03	22.00	1.87