

## **SUPPLEMENTARY INFORMATION**

for

### **Probiotic-loaded Bacterial Cellulose as an Alternative to Combat Carbapenem-resistant Bacterial Infections**

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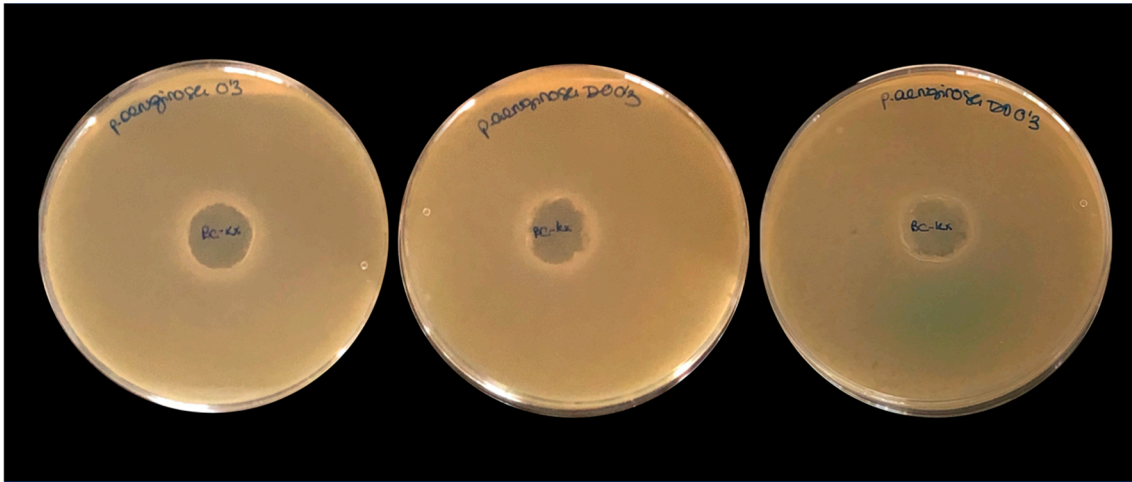
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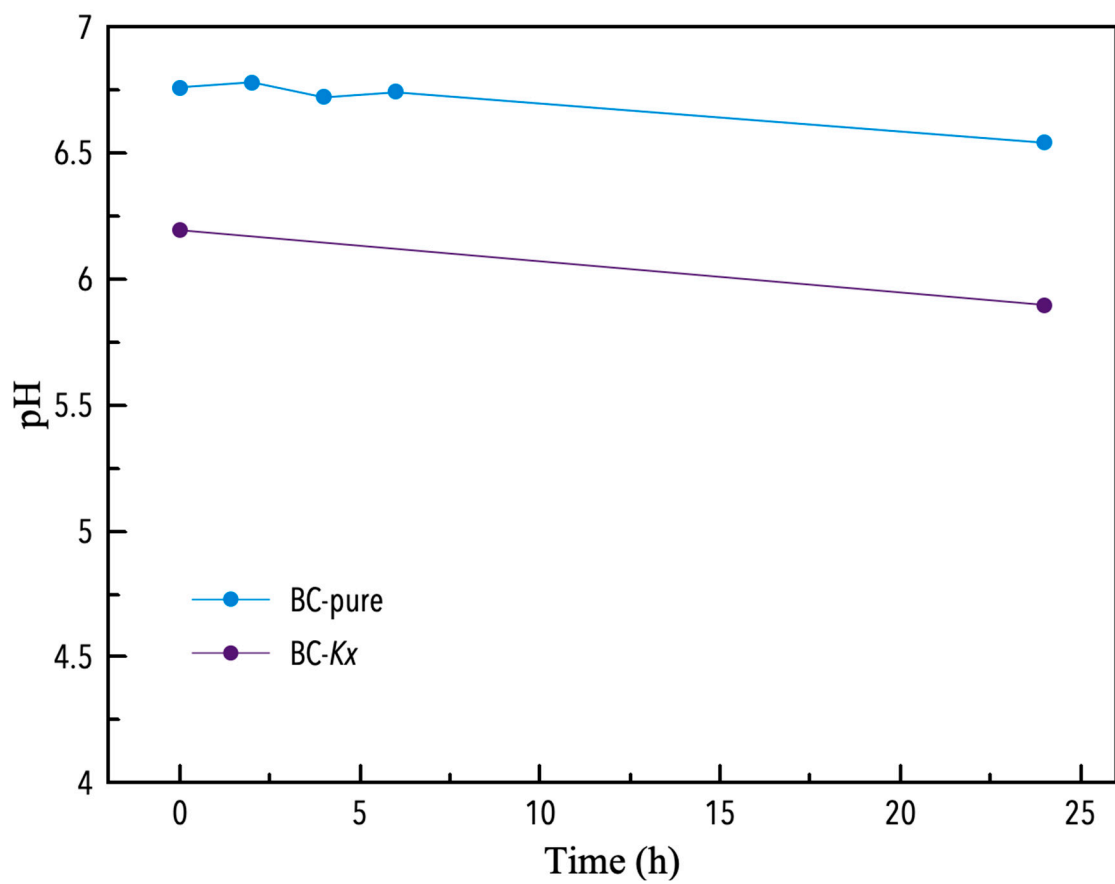
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**Figure S1.** Pathogen-specific TSA plate inhibition test of a non-purified cellulose BC-*K. xylinus* (BC-Kx) against non-carbapenem-resistant *Pseudomonas aeruginosa*. No inhibition halos were observed.



**Figure S2.** Acidification capability of the MRS medium by purified (BC-pure) and non-purified cellulose BC-*K. xylinus* (BC-Kx). Neither sample is capable of lowering the pH to approximately 4, unlike the probiotic cellulose.

