

## Supporting Information

### **Biomimetic nanofibrous hybrid hydrogel membranes with sustained growth factor release for guided bone regeneration**

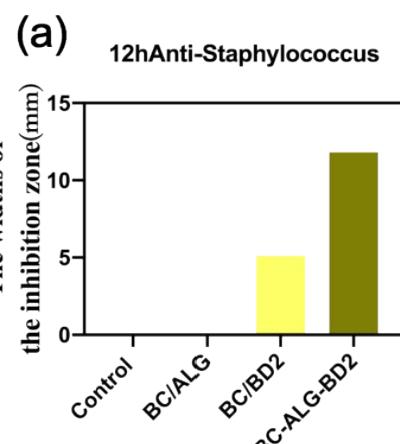
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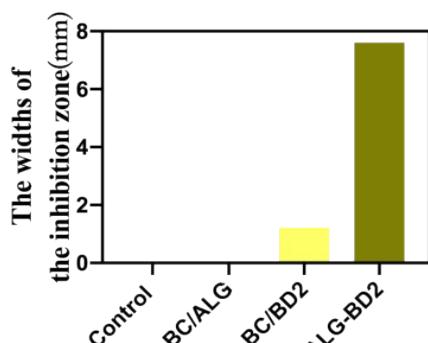
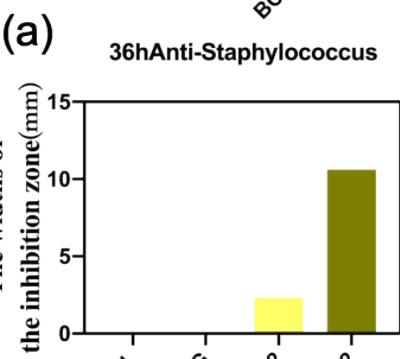
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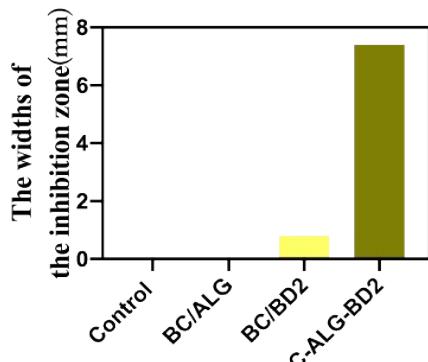
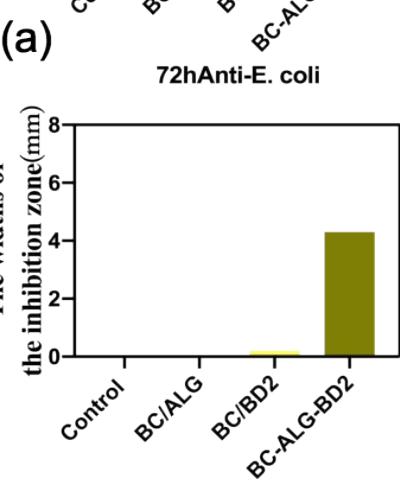
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**A****(b)**

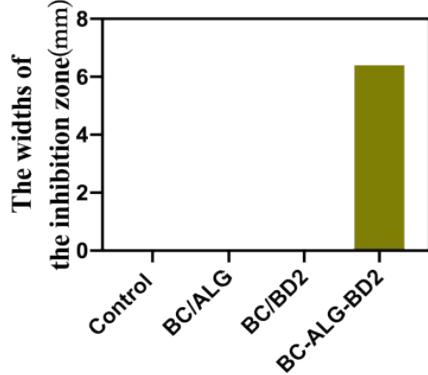
12hAnti-E. coli

**B****(b)**

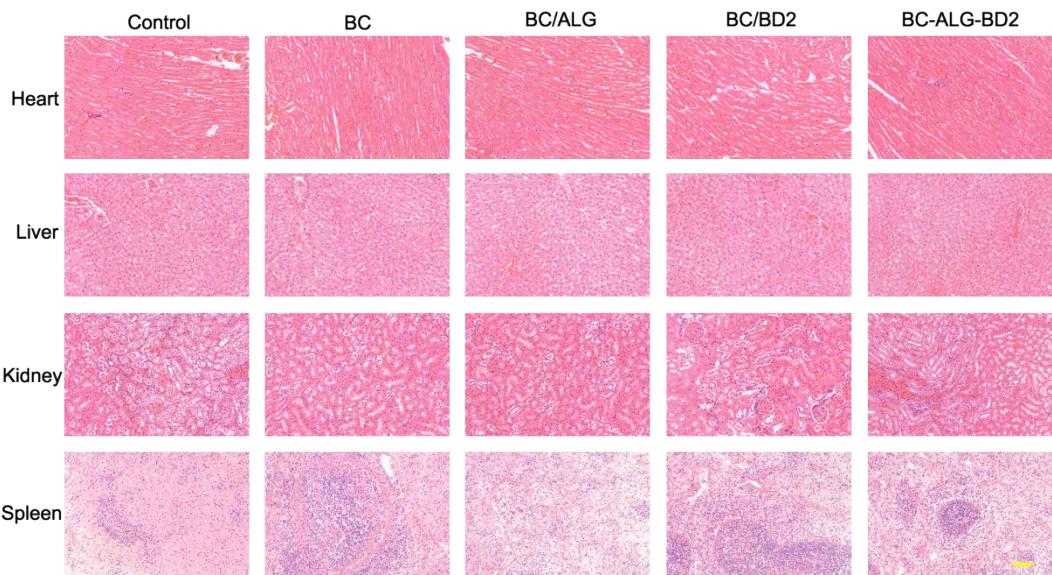
36hAnti-E. coli

**C****(b)**

72hAnti-Staphylococcus



**Figure S1** The diameters of inhibition zones against *Staphylococcus aureus* and *E. coli* with different scaffolds at 12 (A), 36 (B), 72 (C) hours treatment, respectively.



**Figure S2** H&E staining images of heart, liver, kidney and spleen of experimental SD rats at 12 weeks post-implantation.