

Manipulated Spectra and Bars on 10.1039/c8ra10396h

Manipulated spectra and data bars were observed on this article [1], including but limited to: (1) 90-degree steps on the infrared spectra (some examples are shown with red arrows), and (2) manipulated error bars on Figure 6 and 8.

10.1039/c8ra10396h, 90-degree Steps (Red Arrows)

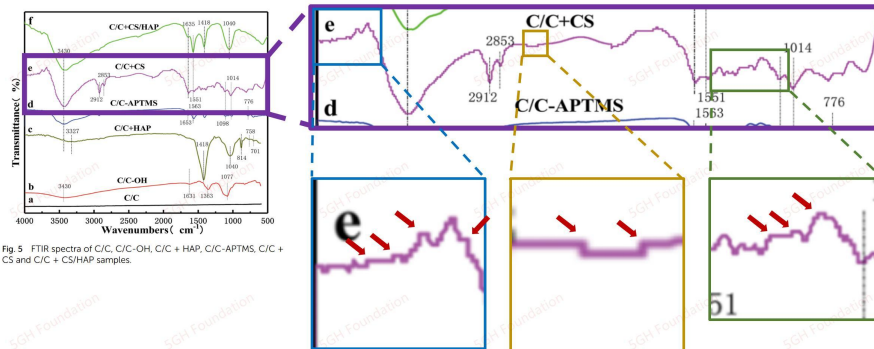


Fig. 5 FTIR spectra of C/C, C/C-OH, C/C + HAP, C/C-APTMS, C/C + CS and C/C + CS/HAP samples.

10.1039/c8ra10396h, Abnormal Error Bars (Red Arrows)

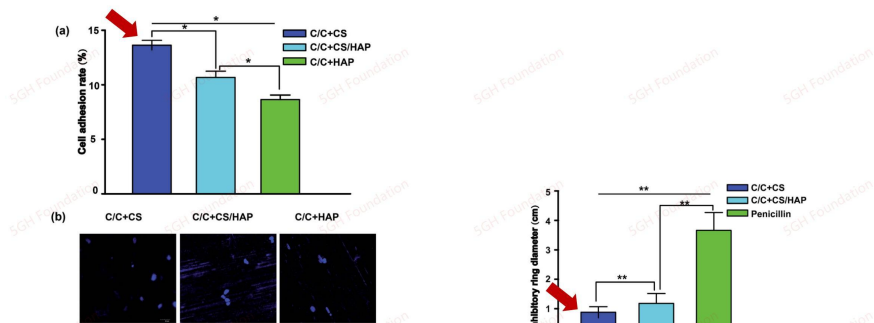


Fig. 6 The cell adhesion rates of MC3T3-E1 cells cultured with different C/C samples. MC3T3-E1 cells suspension were added dropwise to each material (C/C + CS, C/C + HAP, C/C + CS/HAP). After incubation for one night, the cells were transferred to a new 24-well plate and incubated for another 48 h. (a) The materials were washed three times with PBS buffer for the removal of unattached cells. Cells were harvested with 0.25% trypsin and counted. All values are shown as the mean \pm SD ($n = 4$). * represents $p < 0.05$. (b) Cells were stained by DAPI and were imaged by a fluorescence microscope.

Fig. 7 Size of antibacterial ring for C/C + CS and C/C + CS/HAP. *Staphylococcus aureus* were inoculated onto agar solid medium. Each piece of the materials (C/C + CS, C/C + CS/HAP and penicillin) was inoculated in the medium. The ampicillin test paper was used as control. After incubation for 24 h, antibacterial rings were measured. All values are shown as the mean \pm SD ($n = 3$). ** represents $p < 0.01$.

[1] 10.1039/c8ra10396h

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