

**Electronic Supplementary Information**

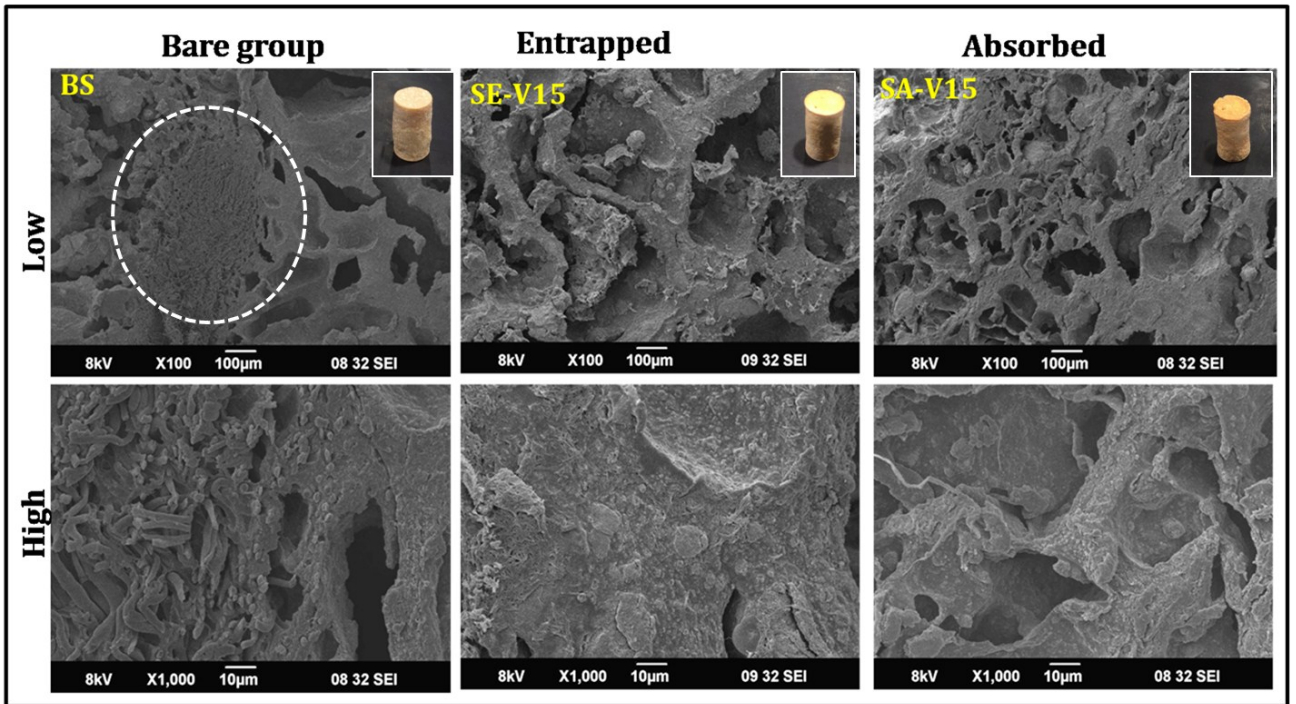
**Biodegradable nanocomposite fibrous scaffold mediated local delivery of vancomycin  
for the treatment of MRSA infected experimental osteomyelitis**

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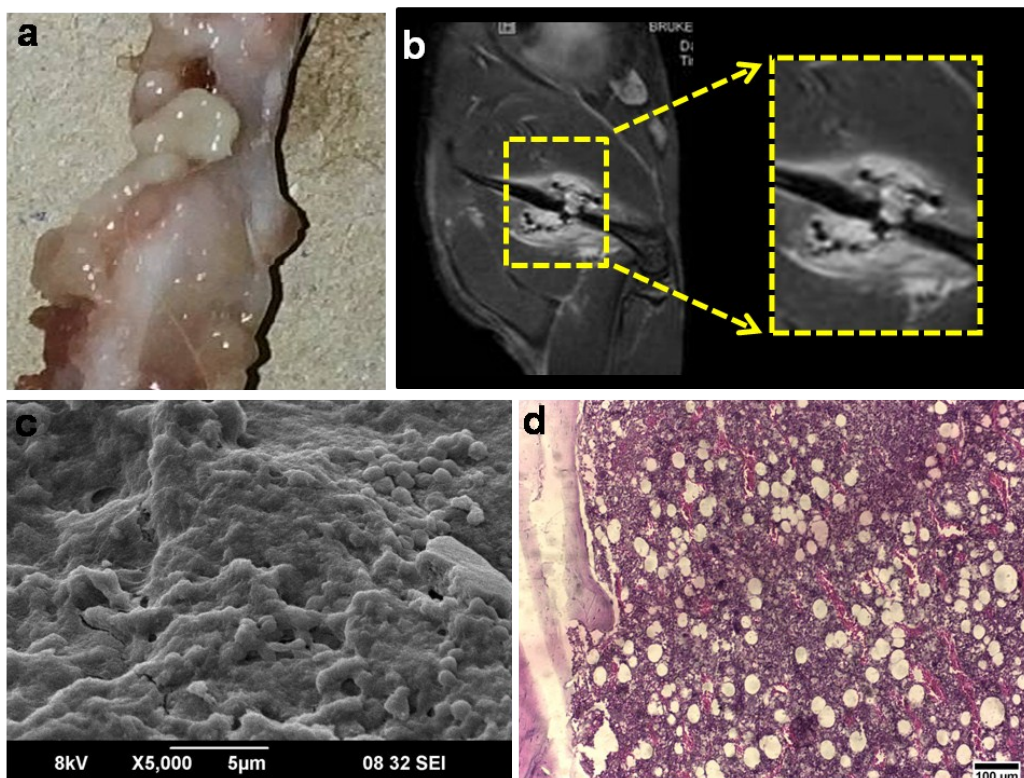
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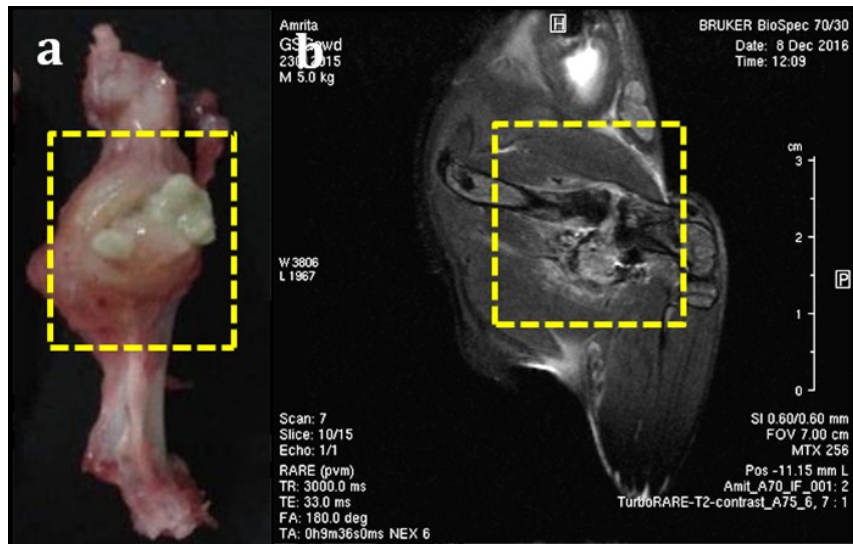
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**Fig S1:** Scanning electron micrographs of nanocomposite scaffolds (with and without vancomycin – 15 wt%) at low and high magnification. Images of the scaffolds is given in the inset [white dotted circle represents well integrated PLLA yarns]



**Fig S2:** Evaluation of osteomyelitic rat femur after 7 days (a) Gross image (b) MRI (c) SEM image (d) Histological section showing abnormal granulocyte infiltration (H&E staining)



**Fig S3:** Characterisation of infected bone implanted with BS scaffold (scaffold without vancomycin) for 1 month (a) Gross image (b) MRI