



Corrigendum

Corrigendum to “Polymer hydrogel from carboxymethyl guar gum and carbon nanotube for sustained transdermal release of diclofenac sodium” [Int. J. Biol. Macromol. 49(5) (2011) 885–93]



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The authors regret < Deletion of Fig. 3(b)

Changes to be made in the article:

2.3. Characterization

Morphology analysis was done using polarized light (PLM, Leitz GMBH, Germany, magnification used 100×).

3.3. Polarized light microscopic (PLM) image analysis of hydrogel nanocomposites

Fig. 3 shows PLM images of neat and MCNT filled hybrid nanocomposites. Neat CMG has shown non-uniform film thickness after application on glass slide since some portion of it appears brighter than the rest. Images of hydrogel nanocomposites are clearly more homogeneous than neat CMG. This is due to better wettability of the nanocomposites

achieved through net rise in surface energy after addition of MCNT. The black spots in the images indicate dispersed MCNT domains in CMG. It shows gross uniformity in spreading inside the CMG matrix. The driving force being CMG–MCNT interaction as was discussed in the preceding Sections (Sections 3.1 and 3.2). The MCNT domain sizes increase with its concentration and they tend to concentrate locally due to dominant filler–filler interaction at higher concentration.

Figure caption:

Fig. 3 Polarized light microscopic images (100×) of neat CMG and its hybrid nanocomposites with various MCNT contents.

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The authors would like to apologise for any inconvenience caused.

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