

RETRACTION

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Retraction: A polyurethane–chitosan brush as an injectable hydrogel for controlled drug delivery and tissue engineering

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Retraction of 'A polyurethane–chitosan brush as an injectable hydrogel for controlled drug delivery and tissue engineering' by Arun Kumar Mahanta *et al.*, *Polym. Chem.*, 2017, **8**, 6233–6249, DOI: 10.1039/C7PY01218G.

The Royal Society of Chemistry hereby wholly retracts this *Polymer Chemistry* article due to concerns with the reliability of the data in the published article.

The control, CHT10 and CHT15 panels in Fig. 5c have overlapping sections and represent cells cultured on different samples. The authors claim that the overlapping sections are similar, not identical, as the biocompatibility is similar for the control, CHT10 and CHT15 samples. An expert reviewed the author's response but concluded that it did not satisfactorily address the concerns.

Fig. 6bii, which represents the skin of the hydrogel forming area, is a duplicated, rotated and scaled version of Fig. 6bi, which represents the control. The authors claim that the images are similar, not identical, as the hydrogel does not interact with the skin when compared with the control. An expert reviewed the author's response but concluded that it did not satisfactorily address the concerns.

Given the significance of the concerns about the validity of the data, the findings presented in this paper are no longer reliable.

The authors were contacted about this retraction notice but did not respond.

Signed: Maria Southall, Executive Editor, *Polymer Chemistry*

Date: 17th March 2021

