ChemComm

CORRECTION

View Article Online
View Journal | View Issue

Cite this: *Chem. Commun.*, 2017, 53, 8376

DOI: 10.1039/c7cc90275a

rsc.li/chemcomm

Correction: A new AIE multi-block polyurethane copolymer material for subcellular microfilament imaging in living cells

Yu-qing Niu,[abc] Tao He,[d] Jun Song,[b] Si-ping Chen,[c] Xiang-yu Liu,[a] Zhi-gang Chen,[a] Ying-jie Yu*[e] and Shi-guo Chen*[a]

Correction for 'A new AIE multi-block polyurethane copolymer material for subcellular microfilament imaging in living cells' by Yu-qing Niu *et al.*, *Chem. Commun.*, 2017, DOI: 10.1039/c7cc02555f.

The authors regret that Fig. 4B is incorrect in the original manuscript. The *x*-axis labelling was absent. The correct figure is displayed below.

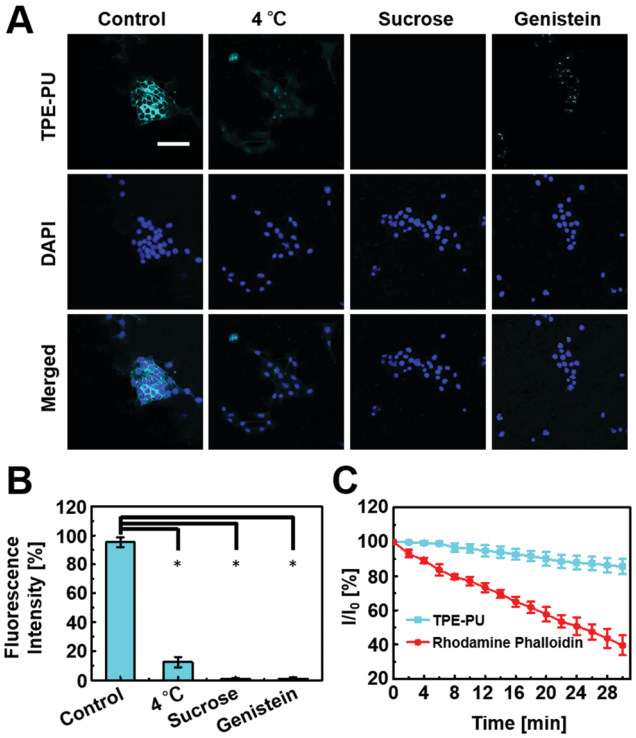

Fig. 4 Analysis of the cellular endocytosis mechanism and photo-stability of TPE-PU-1000. (A) Confocal images of living rat glial cells co-cultured with 1×10^{-3} g mL^{-1} TPE-PU-1000 nanoparticles for 4 h under different conditions. Scale bar: 20 mm (applicable to all images). (B) Percentages of internalized fluorescence intensity in rat glial cells at 37 °C (control group) or 4 °C or in the presence of sucrose and genistein (*$p < 0.05$, *t*-test). (C) Photo-stability comparison between TPE-PU-1000 upon continuous excitation at 364 nm (squares) and Rhodamine Phalloidin upon continuous laser excitation at 543 nm (circles) from 0 to 30 min. I_0 is the initial fluorescence intensity and I is the fluorescence intensity of the corresponding sample after continuous scanning for a designated time interval.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

[a] *Nanshan District Key Lab for Biopolymers and Safety Evaluation, Shenzhen Key Laboratory of Polymer Science and Technology, Guangdong Research Center for Interfacial Engineering of Functional Materials, College of Materials Science and Engineering, Shenzhen University, Shenzhen 518060, P. R. China. E-mail: csg@szu.edu.cn*

[b] *Key Laboratory of Optoelectronic Devices and Systems of Ministry of Education and Guangdong Province, College of Optoelectronic Engineering, Shenzhen University, Shenzhen 518060, P. R. China*

[c] *Shenzhen University Health Science Center, Shenzhen 518060, P. R. China*

[d] *Multidisciplinary Research Center, Shantou University, Shantou, Guangdong 515063, China*

[e] *Department of Materials Science and Engineering, Stony Brook University, Stony Brook, NY 11794, USA*