



Cite this: *Chem. Commun.*, 2024, 60, 13097

DOI: 10.1039/d4cc90365j

rsc.li/chemcomm

Retraction: Soft nanotubes acting as confinement effecters and chirality inducers for achiral polythiophenes

Naohiro Kameta,^{*a} Mitsutoshi Masuda^a and Toshimi Shimizu^b

Retraction of 'Soft nanotubes acting as confinement effecters and chirality inducers for achiral polythiophenes' by Naohiro Kameta *et al.*, *Chem. Commun.*, 2016, **52**, 1346–1349, <https://doi.org/10.1039/C5CC08035E>.

We the named authors hereby wholly retract this *Chemical Communications* article due to the fact that the paper has wrong electron microscopy images in Fig. 2 and Fig. S2 (ESI) on the part of the first author, who is affiliated with the National Institute of Advanced Industrial Science and Technology (AIST).

Fig. 2a and b should have displayed TEM images of the DglyTgly-NT (the nanotube composed of Dgly and Tgly) and MglyTgly-NT (the nanotube composed of Mgly and Tgly), respectively. However, the first author posted TEM images of Tgly-NT (the nanotube composed of only Tgly) and an irrelevant nanotube that was developed by the authors in other studies, for Fig. 2a and b, respectively. The incorrect images in Fig. 2a and b are also found to include serious errors with the scale bars, which were approximately 2.4 and 2.3 times longer than the actual lengths, respectively.

Fig. S2b should have displayed the TEM image of the mixture of the nanotube and the nanofiber composed of Mgly and Tgly. However, the first author posted the TEM image of the mixture of the nanotube and the nanofiber composed of Dgly and Tgly. The correct image in Fig. S2a and the incorrect image in Fig. S2b are also found to include errors with the scale bars, which were approximately 2.2 and 2.2 times longer than the actual lengths, respectively.

The authors respectfully retract this paper, because these events were determined to amount to scientific misconduct and the retraction of this paper was recommended by AIST. AIST verified that the first author was responsible for the misconducts and no other co-authors were engaged in them.

The authors were informed about the retraction of the article. Mitsutoshi Masuda and Naohiro Kameta agreed with the retraction; the other author has not responded.

Signed: Mitsutoshi Masuda, Naohiro Kameta, Toshimi Shimizu

Date: 4th October 2024

Retraction endorsed by Richard Kelly, Executive Editor, *Chemical Communications*

^a Research Institute for Sustainable Chemistry, Department of Materials and Chemistry, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba Central 5, 1-1-1 Higashi, Tsukuba, Ibaraki 305-8565, Japan. E-mail: n-kameta@aist.go.jp; Fax: +81-29-861-4545; Tel: +81-29-861-4478

^b AIST Fellow, 1-1-1 Higashi, Tsukuba, Ibaraki 305-8565, Japan

