

CORRECTION

View Article Online

View Journal | View Issue



Cite this: *Mater. Chem. Front.*,
2024, 8, 4114

Correction: Photodynamic antitumor activity of aggregation-induced emission luminogens as chemosensitizers for paclitaxel by concurrent induction of apoptosis and autophagic cell death

Jia Wang,^{†ab} Wenling Zhang,^{†c} Ting Wu,^{†b} Haisi Wu,^b Yuan Zhang,^b Siwan Wang,^b You Ji,^b Hui Jiang,^b Ziting Zhang,^c Chunming Tang,^b Qiyun Tang,^{*c} Xiaolin Li^{id} ^{*c} and Huae Xu^{id} ^{*ab}

DOI: 10.1039/d4qm90073a

rsc.li/frontiers-materials

Correction for 'Photodynamic antitumor activity of aggregation-induced emission luminogens as chemosensitizers for paclitaxel by concurrent induction of apoptosis and autophagic cell death' by Jia Wang *et al.*, *Mater. Chem. Front.*, 2021, 5, 3448–3457, <https://doi.org/10.1039/D1QM00089F>.

The authors regret that Fig. 2E was incorrect in the original article. The image showing the western blot data for p27 was duplicated in error. The corrected version of Fig. 2 is provided below.

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

^a Jiangsu Key Laboratory of Molecular and Translational Cancer Research, Affiliated Cancer Hospital of Nanjing Medical University, Jiangsu Cancer Hospital, Jiangsu Institute of Cancer Research, Nanjing, 210009, China. E-mail: xuhuae@njmu.edu.cn

^b Department of Pharmaceutics, School of Pharmacy, Nanjing Medical University, Nanjing 211166, China

^c Department of Geriatric Gastroenterology, the First Affiliated Hospital of Nanjing Medical University, Nanjing, 210029, China. E-mail: tqy831@126.com, lxl@njmu.edu.cn

[†] These authors contributed equally to this work.



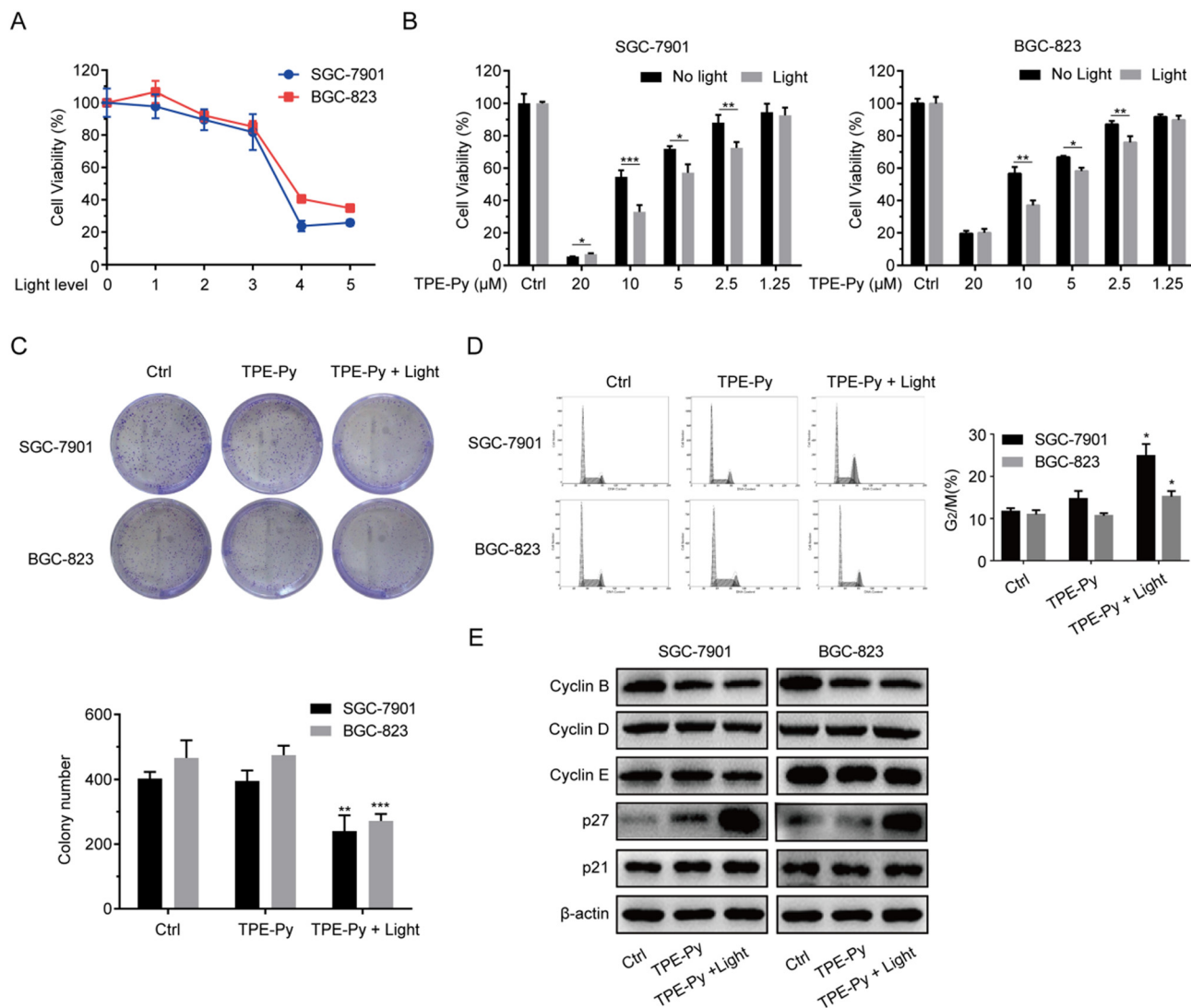


Fig. 2 TPE-Py photodynamically inhibits cell growth and induces cell cycle arrest in GC cells. (A) Cells were treated with different levels of white light (1, 5 lumens; 2, 50 lumens; 3, 150 lumens; 4, 350 lumens; 5, 1000 lumens) for 2 min. After 48 h, the cell viability was determined by MTS assay. (B) Cells were incubated with various concentrations of TPE-Py for 2 h, and then treated with or without 2 level white light. After 48 h, the cell viability was measured by MTS assay. (C) Representative images of colonies formed after treatment with 5 μM TPE-Py in the presence or absence of 2 level white light. (D) Cell cycle analysis of 5 μM TPE-Py-treated cells for 24 h in the presence or absence of 2 level white light by flow cytometry. (E) Representative immunoblots showed the effect of 5 μM TPE-Py in the presence or absence of 2 level white light on Cyclin B, Cyclin D, Cyclin E, p27 and p21. The results are expressed as mean \pm SD of three independent experiments. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.

