

CORRECTION

[View Article Online](#)
View Journal | View Issue



Cite this: *Biomater. Sci.*, 2022, **10**, 2720

Correction: Novel anilino quinazoline-based EGFR tyrosine kinase inhibitors for treatment of non-small cell lung cancer

Lili Yang,^{a,b} Shanshan Liu,^{a,b} Jingjing Chu,^a Shuang Miao,^{a,b} Kai Wang,^{a,b} Qingwei Zhang,^{a,b} Yingyi Wang,^a Yadi Xiao,^a Lina Wu,^{a,b} Yang Liu,^{a,b} Longjian Yu,^{a,b} Caihong Yu,^{a,b} Xiang Liu,^{a,b} Mingxing Ke,^{a,b} Zhen Cheng^{*c} and Xilin Sun^{*a,b}

DOI: [10.1039/d2bm90028a](https://doi.org/10.1039/d2bm90028a)

rsc.li/biomaterials-science

Correction for 'Novel anilino quinazoline-based EGFR tyrosine kinase inhibitors for treatment of non-small cell lung cancer' by Lili Yang *et al.*, *Biomater. Sci.*, 2021, **9**, 443–455. DOI: [10.1039/D0BM00293C](https://doi.org/10.1039/D0BM00293C).

The authors regret that an incorrect image and scale bar were used in Fig. 4, as well as the incorrect scale in the figure caption. The authors also regret a spelling mistake in the Y axis of Fig. 6.

The corrected Fig. 4 and 6 are as shown here. The results and the conclusions of the manuscript remain unaffected.

^aNHC and CAMS Key Laboratory of Molecular Probe and Targeted Theranostics, Molecular Imaging Research Center (MIRC), Harbin Medical University, Harbin, Heilongjiang, 150028, China

^bTOF-PET/CT/MR Center, The Fourth Hospital of Harbin Medical University, Harbin, Heilongjiang, 150028, China. E-mail: sunxl@ems.hrbmu.edu.cn; Tel: +86-451-88118600

^cMolecular Imaging Program at Stanford (MIPS), Department of Radiology, Stanford University School of Medicine, Stanford, California 94305, USA.

E-mail: zcheng@stanford.edu; Fax: +1-650-736-7925



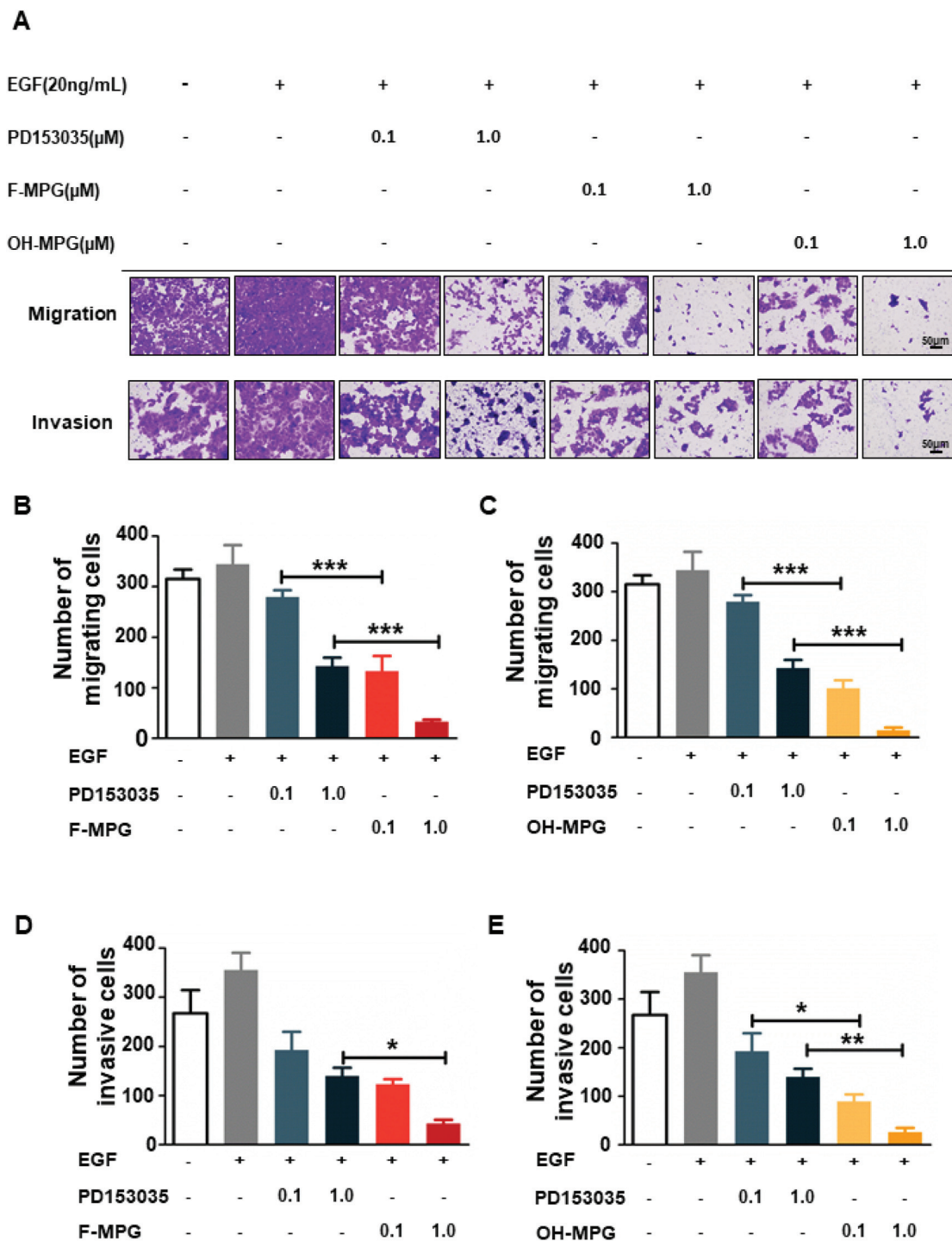


Fig. 4 F-MPG or OH-MPG potently inhibits EGF-mediated cell migration and invasion. The migratory ability (the upper row) and invasive ability (the below row) of HCC827 cells induced by 20 ng mL⁻¹ EGF were impaired by F-MPG or OH-MPG. (A) Representative images are shown (scale bars, 50 μ m). Summary plots of the number of migrated cells (B and C) and invasive cells (D and E) under each condition for 24 h per field (counted using 15 microscopy fields from three separate experiments). * p < 0.05, ** p < 0.01 and *** p < 0.001 for F-MPG or OH-MPG vs. PD153035.



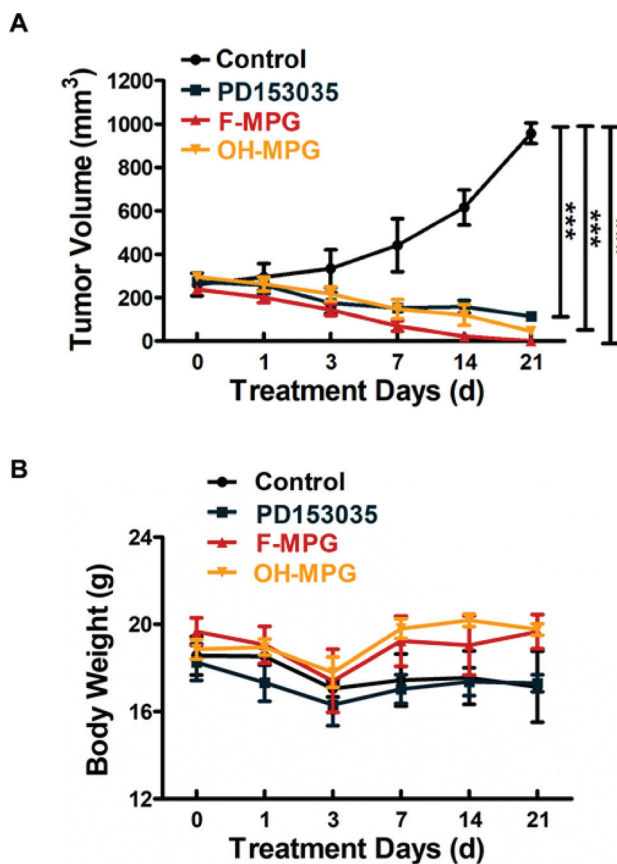


Fig. 6 The influence of tumor volume and body weight of F-MPG or OH-MPG in established HCC827 xenografts models. After randomly grouped nude mice bearing HCC827 tumors ($n = 15$ per group) were treated with vehicle control, PD153035 (50 mg kg^{-1}), F-MPG (50 mg kg^{-1}) or OH-MPG (50 mg kg^{-1}) for 21 days, tumor volume (A) for F-MPG or OH-MPG treatment and body weight (B) were measured. Data shown are mean \pm SD. *** $p < 0.001$ for PD153035, F-MPG or OH-MPG vs. control groups.

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

