

Erratum to IncRNA POT1-AS1 accelerates the progression of gastric cancer by serving as a competing endogenous RNA of microRNA-497-5p to increase PDK3 expression

Editorial Office

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Erratum to: J Gastrointest Oncol 2021;12:2728-42

In the article that appeared on page: 2728-2742, Vol 12, No 6 (December 2021) issue of *Journal of Gastrointestinal Oncology* ($\mathcal{J}GO$) (1), some errors were found in figures, tables, methods and author information.

Firstly, the authors accidentally used the incorrect version of the Figure 2C,2D; Figure 3B; Figure 5B,5C, and Figure 6C,6D. The corrected Figure 2C,2D; Figure 3B; Figure 5B,5C and Figure 6C,6D can be found below.

Corrected Figure 2C,2D:



Corrected Figure 3B:

Inc-POT1-AS1: 5' ... TCTAATTAAAAGGTTCTGCTG ... hsa-miR-497-5p: 3' UGUUUGGUGUCACACGACGAC Mut-Inc-POT1-AS1 5' ... TCTAATTAAAAGGTT<u>GACGAG</u>... Mutant binding site

Corrected Figure 5B,5C:



Corrected Figure 6C,6D:



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Besides, the authors identified 2 errors in Table 1. The details are as followings: 1st column, 9th row: "Rectum", needs to be corrected as "Cardia"; 1st column, 10th row: "Colon", needs to be corrected as "Pylorus". The corrected *Table 1* is given below (*Table 1*).

Table 1 Association between POT1-AS1 expression and the clinicopathological features of human gastric cancer

Clinical features -	POT1-AS1 expression		Duelue
	High (N=65)	Low (N=67)	P value
Age (years)			0.510
<60	17	21	
≥60	48	46	
Gender			0.302
Male	33	40	
Female	32	27	
Tumor location			0.167
Cardia	33	26	
Pylorus	32	41	
Tumor size (cm)			0.001
<5	16	36	
≥5	49	31	
Differentiation grade			0.176
Well	18	26	
Moderate + poor	47	41	
TNM stage			0.008
1 + 11	33	49	
III	32	18	

Table 1 (continued)

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POT1-AS1 expression Clinical features P value High (N=65) Low (N=67) Depth of invasion 0.083 T1 + T235 26 T3 + T430 41 0.001 Lymph node metastasis No 31 51 Yes 34 16 Distant metastasis 0.913 No 50 51 Yes 15 16 Adjuvant chemotherapy 0.054 25 37 No Yes 40 30 CA19-9, kU/L 0.132 45 <40 54 ≥40 20 13

Table 1 (continued)

Pearson chi-square test was used for comparisons between subgroups. CA19-9, carbohydrate antigen 19-9.

Meanwhile, the authors identified some errors on the Primer sequence for POT1-AS1 and U1, si-POT1-AS sequence, and PDK3 antibody description. The details are as followings:

In the "Cell transfection" section, "Si-POT1-AS1: 5'-UCCCCCCTGCTGGUCAGAGAC-3'" should be corrected to "Si-POT1-AS1: 5'- GCCUCUUCCAUGGUUUAUATT -3'".

In the "RT-qPCR" section, "POT1-AS1: F: 5'-AGATCTAGGCTTCGGAAGGAAAAGC-3', R: 5'-CCCAAGATCTAGCGCACCGCCTA-3'" should be corrected to

"POT1-AS1: F: 5'- ATCTTGGCTGGCCATTACCC-3', R: 5'- TGGCATCAAATTGTCCTTGGC-3'". And "U1 F: 5'-GGCCACACTGACTTCTCAAAAT-3', R: 5'-GGCTGGCACATACTGCGGG-3'" should be corrected to "U1 F: 5'-TGATCACGAAGGTGGTTTTCC-3', R: 5'-GCACATCCGGAGTGCAATG-3'"

In the "Western blotting (WB)" section, "with mouse anti-human PDK4 (1:1,000; ab182408, Abcam)" should be corrected to "with rabbit anti-human PDK3 (1:1,000; ab182574, Abcam)".

Finally, there are some mistakes in the authors' information and their contributions. The mistakes are described as below:

- 1. The order of fourth author and fifth author was incorrect. Yong-Gang Hong should be moved to be the fourth author. Yuan-Ping Tao should be moved to be the fifth author and the superscript "#" of Yuan-Ping Tao should be removed.
- 2. In the third affiliation, "(EHBH)" should be deleted.
- 3. The fourth affiliation and the superscript "4" of Hao Zheng should be deleted.
- 4. There should be only one corresponding author and the correspondence information should be "Correspondence to: Jian-Qing Chen. Department of Gastroenterology, Shidong Hospital, Yangpu District, Shanghai, University of Shanghai for Science and Technology, 999 Shiguang Road, Shanghai 200438, China. Email: cjqing1202@163.com."

5. The author contribution is also corrected as follows:

Contributions: (I) Conception and design: JQ Chen; (II) Administrative support: WM Chen, YM Chen; (III) Provision of study materials or patients: YP Tao, SY Jiang; (IV) Collection and assembly of data: L Yang; (V) Data analysis and interpretation: WM Chen; (VI) Manuscript writing: All authors; (VII) Final approval of manuscript: All authors. [#]These authors contributed equally to this work.

The correct authors' information and contributions are as follows:

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The authors apologize for these errors and state that these errors do not change the scientific conclusions of the article in any way.

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References

1. Chen WM, Chen YM, Jiang SY, et al. LncRNA POT1-AS1 accelerates the progression of gastric cancer by serving as a competing endogenous RNA of microRNA-497-5p to increase PDK3 expression. J Gastrointest Oncol 2021;12:2728-42.

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