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Erratum

In the original paper by Xiong, et al., entitled "The LncRNA NEAT1 Accelerates Lung Adenocarcinoma Deterioration and Binds to Mir-193a-3p as a Competitive Endogenous RNA" [Cell Physiol Biochem 2018;48(3):905-918, DOI: 10.1159/000491958], there are errors in the texts of the methods and results sections, as well as in Fig. 2 and Fig. 5.

The authors confirm that all of the results and conclusions of the paper remain unchanged, as well as the figure legends.

The corrected parts as well as the corrected figures are shown as follows, together with their respective page numbers.

The authors sincerely apologize for the mistakes.

On page 907: "Relative NEAT1 and miR-193a-3p abundances were determined with the $2^{-\Delta\Delta CT}$ method".

On page 910: "A total of 11 records with 1426 LUAD samples and 415 non-cancerous samples were included for NEAT1 and 10 records with 403 LUAD samples and 213 non-cancerous samples for miR-193a-3p".

Fig. 2. NEAT1 siRNAs induce apoptosis in A549 and Calu3 cells. (A) Effects of NEAT1 siRNAs on A549 cell apoptosis evaluated bv fluorescence microscopy after Hoechst 33342/PI staining. (B) Effects of NEAT1 siRNAs on Calu3 cell apoptosis evaluated by fluorescence microscopy after Hoechst 33342/ PI staining. (C) Effects of NEAT1 siRNAs on A549 cell apoptosis per caspase 3/7 activity evaluated by the Apo-**ONE®** Homogeneous Caspase-3/7 Assay. (D) Effects of NEAT1 siRNAs on Calu3 cell apoptosis per caspase 3/7 activity evaluated by the Apo-**ONE®** Homogeneous Caspase-3/7 *P<0.05; **P<0.01: Assav. ***P<0.001. (E) NEAT1 siRNAs inhibit the viability and stimulated apoptosis of A549 and Calu3 cells. Hoechst 33342-positive/ PI-negative (white arrow): viable cells; Hoechst 33342-positive/PInegative with blue fragmentation in the cells (red arrow): early



apoptotic cells; Hoechst 33342-positive/PI-positive with red fragmentation in the cells (pink arrow): late apoptotic cells; PI-positive with debris signals (yellow arrow): necrotic cells.



Fig. 5. Relationship between NEAT1 and miR-193a-3p. (A) Predicted miR-193a-3p binding sites in NEAT1. (B) Expression levels of NEAT and miR-193a-3p in lung adenocarcinoma (LUAD) cell lines (A459, H1299, and HCC87) and a normal lung epithelial cell line (BEAS-2B). (C) Dual-luciferase reporter assay confirmed that NEAT1 directly bound to miR-193a-3p in LUAD cells.

