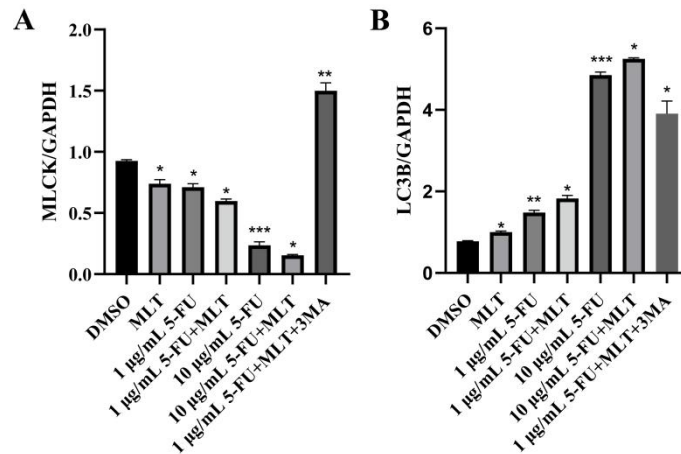
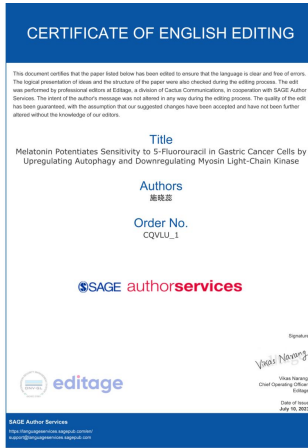


**Supplemented Figure 1. A** The GES cells were treated with MLT (1 mM) or 5-FU (1 or 10 µg/mL) alone, or in combination at specific doses. And the rate of inhibition of cell proliferation was determined using the MTT assay. The experiments were performed three times to ensure accuracy and consistency. One-way ANOVA with Tukey's multiple comparison test was used for statistical analysis. Data are presented as mean ± SD, and statistical significance is indicated using asterisks (\* $p < 0.05$ , \*\*\* $p < 0.001$ ).



**Supplemented Figure 2.** Effect of melatonin (MLT) and 5-fluorouracil (5-FU) on the mRNA levels of myosin light-chain kinase (MLCK) and LC3B in gastric cancer (GC) cells. **A,B** The mRNA expression level of MLCK was significantly downregulated, and the mRNA expression level of LC3B was markedly upregulated by the combination treatment. The experiments were performed three times to ensure accuracy and consistency. One-way ANOVA with Tukey's multiple comparison test was used for statistical analysis. Data are presented as mean ± SD, and statistical significance is indicated using asterisks (\* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ ).



Supplemented Figure 3. Certificate of English editing