# CERTIFICATE

## OF ENGLISH LANGUAGE EDITING

### Constructing a gastric cancer prognostic model based on sub-group analysis of the disulfidptosis-related genes, exploring treatment targets and sensitive drugs

Objective: Gastric cancer (GC) is a common malignant tumor of the digestive system. Disulfidptosis is a new programmed cell death mechanism, although its specific mechanism in GC is incompletely understood. In this study, we used bioinformatics analysis to explore a disulfidptosis-based predictive model related to GC prognosis and to identify potential therapeutic targets and sensitive drugs for GC.
Methods: We extracted GC-related data from The Cancer Genome Atlas (TCGA) and Gene Expression Omnibus (GEO) databases. R software (version 4.2.1) was used for correlation analysis.
Results: Through the above analysis, we found that the disulfide death gene may be related to the prognosis of GC. Six genes, namely, PLS3, GRP, APOD, SGCE, COL8A1, and VAMP7, were found to constitute a predictive model for GC prognosis. APOD is a potential therapeutic target for treating GC. Bosutinib and other drugs are sensitive for the treatment of GC.

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