

Certificate of Biostatistics

28 January 2021

To whom it may concern:

Title of study: Diverse expression pattern of MUC2 in cancer tissues and serum of colorectal cancer patients indicates its mechanism related to the intestinal mucosal barrier

Chief investigator: Dr. Jing Liu, Changjiang Scholar's Laboratory/Guangdong Provincial Key Laboratory for Diagnosis and Treatment of Breast Cancer/Department of Physiology, Shantou University Medical College, Shantou 515041, China

This letter is to confirm that I have read the statistical analysis of this study and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

Please contact me if you have any queries.

Sincerely

A handwritten signature in black ink, reading 'jianjun zhang' in a cursive script.

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