

Certificate of Biostatistics

8 December 2023,

To Editor:

Title of Study: **Is Proactive Therapeutic Drug Monitoring of Tumor Necrosis Factor- α Monoclonal Antibody optimized in Inflammatory Bowel Disease? Network meta-analysis**

Biostatistician: Rongwu Xiang,

Liaoning Professional Technology Innovation Center on Medical Big Data and Artificial Intelligence

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

This certificate is delivered to the concerned person for any purposes for which it may be required.

Sincerely,



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