

### **Certificate of Biostatistics**

27 February 2018

To the Editor:

Title of Study: Dynamic alteration in the gut microbiota and metabolome during the development of methionine-choline-deficient diet-induced non-alcoholic steatohepatitis

Chief investigator: Lanjuan Li, State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, the First Affiliated Hospital, Zhejiang University, Hangzhou, China

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.

Please contact me if you have any queries.

Sincerely,

Handwritten signature of Yi Shen in cursive script.

Yi Shen, Ph.D., School of Public Health, Zhejiang University, Hangzhou, China

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