

## Certificate of Biostatistics

18 December 2019

To whom it may concern

Title of Study: Adipose-derived mesenchymal stem cells alleviate the TNBS-induced Crohn's disease phenotype in rats by influencing intestinal epithelial cell regeneration, Wnt signaling and T cell immunity

Chief investigator: You-Ming Li, Professor, Department of Gastroenterology, the First Affiliated Hospital, College of Medicine, Zhejiang University, 79 Qingchun Road, Hangzhou 310003, China [zlym@zju.edu.cn](mailto:zlym@zju.edu.cn)

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.

*Li Shao*

Sincerely,

Li Shao, Ph.D., doctor of bioinformatics, State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, Collaborative Innovation, Center for Diagnosis and Treatment of Infectious Diseases, The First Affiliated Hospital, Zhejiang University, China

E-mail: [shaolyly@zju.edu.cn](mailto:shaolyly@zju.edu.cn)

Telephone: 86-571-87236759