

## Certificate of Biostatistics

18 July 2018

To whom it may concern

Title: Declining diagnostic accuracy of non-invasive fibrosis tests is associated with elevated alanine aminotransferase in chronic hepatitis B.

Chief investigator: Xiao-Guang Dou

Department of Infectious Diseases, Shengjing Hospital of China Medical University,  
Huaxiang Street, Shenyang, Liaoning Province, China, 110004.

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: 

Liqiang Zheng, MD, PhD

Associate Professor, Vice Director

Department of Clinical Epidemiology, Library

Department of Health Policy and Hospital Management

Shengjing Hospital of China Medical University

No. 36, Sanhao Street, Shenyang City, Liaoning Province, China, 110004

Telephone: +86-024-96615-13648

Fax: +86-024-25998744

Email: [zhenglq@sj-hospital.org](mailto:zhenglq@sj-hospital.org)