

## Certificate of Biostatistics

19 Oct 2019

To whom it may concern

**Title of Study:** GSDMD-mediated hepatocyte pyroptosis expands inflammatory responses that aggravate acute liver failure by upregulating MCP1/CCR2 to recruit macrophages

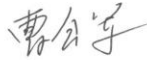
**Chief investigator:** Hong Li, Xue-ke Zhao, Yi-ju Cheng, Ming-liang Cheng

Affiliated Hospital of Guizhou Medical University, Guiyang 550004, Guizhou Province, 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,



Hui-Jun Cao, Ph. D, Department of medical statistics, Affiliated Hospital of Guizhou Medical University, No. 28, Guiyi Road, Guiyang, Guizhou Province, 550004, China

E-mail: 1009528213@qq.com

Telephone: +86-851-86773914

Fax: +86-851-86741623