

## Certificate of Biostatistics

1 March 2020

To whom it may concern

**Title of Study:** Synergistic combination of curcumin targeting anti-liver cancer with total ginsenosides in a mouse model via the suppression of the PD-L1 and NF- $\kappa$ B activity.

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,

Gaowen Wei, Ph.D., Department of medical statistics. Hunan University of Chinese Medicine, Changsha, China

Signature:



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