

### **Certificate of Biostatistics**

17 July 2021

To whom it may concern

Title of Study: MKK7-mediated phosphorylation of JNKs regulates the proliferation and apoptosis of human spermatogonial stem cells.

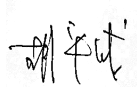
Chief investigator: Wenbing Zhu.

Institute of Reproductive and Stem Cell Engineering, Basic Medicine College, Central South University, Changsha, Hunan, People's Republic of 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,



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