

## Certificate of Biostatistics

**Name of Journal:** World Journal of Gastroenterology

**Title:** Hypoxia inducible factor 1 $\alpha$  promotes interleukin-1 receptor antagonist expression during hepatic ischemia-reperfusion injury.

**Authors List:** Zhao-Yang Wang, Yu Liu, Shi-Peng Li, Ke-Jia Xu, Jian-Jun Li, Zhen Zhang, Hui-Min Jiang, Xue-Chun Xiao, Yang Ou, Jin-Zhen Cai, Shuang Yang

**Correspondence To:** Shuang Yang, PhD, Professor, Tianjin Key Laboratory of Tumor Microenvironment and Neurovascular Regulation, Medical College of Nankai University, Tianjin 300071, China. yangshuang@mail.nankai.edu.cn

The statistical methods of this study were reviewed by our research support center, and the statistical methods and techniques mentioned are appropriate for the research.

Sincerely yours.

*Yong-Jun Piao*

Yong-Jun Piao, Ph.D., Director of Big Data and Bioinformatics Laboratory,  
School of Medicine, Nankai University

Email: ypiao@nankai.edu.cn

Phone: +86-18526062102

Address: Medical College of Nankai University, Tianjin 300071, China