

### Certificate of statistical review

To whom it may concern at *World Journal of Gastroenterology*:

I certify that the statistical methods used in the following manuscript have been reviewed by me , a biostatistician from Shanghai University of Traditional Chinese Medicine and they were considered to be appropriate.

**Manuscript title:** Alteration of serotonin, transient receptor potential channels and protease-activated receptors attenuated by Shugan decoction

**Firstauthorand affiliations:** Hai-Lian Shi, Institute of Digestive Diseases, Longhua Hospital, Shanghai University of Traditional Chinese Medicine, Shanghai 200032, China

**Paper ID:** ESPS-14156



Dr. Ying Dong, Preventive Medicine Teaching and Research Section, Shanghai University of Traditional Chinese Medicine

Email: [dongying80@163.com](mailto:dongying80@163.com)

December 1, 2014