

Biostatistics Review Certificate

Name of Journal: World Journal of Stem Cells

Title: Human umbilical cord mesenchymal stem cells reduce platelet a-granule release via the AKT/MEK/ERK pathway during acute exposure of rats to high-altitude hypoxia

Authors: Bo Zhang, Bao-Dong Gao, Yuan Su, Wen-Jing Mi, Tong-Xu Zeng, Fei-Fei Ma, Xiao-Qin Ha

This certificate serves as confirmation that the biostatistical analysis conducted in the study is appropriate for the research aims and adhere to scientific standards.

The manuscript submitted utilizes statistical analyses as detailed in the methods section. Measurement data were assessed for normality using the Shapiro–Wilk test. The data are presented as mean \pm standard deviation (SD), with three or more independent assays performed. One-way analysis of variance (ANOVA) was employed for comparisons among multiple groups. Statistical analysis was conducted using GraphPad Prism software (version 9.5.1, USA).

Reviewer information: Peihe Xia, MPH



04/01/2025

Department of Biostatistics ad Bioinformatics

University of Cincinnati

Em

