

Certificate of Biostatistics

To whom it may concern

Title of Study: PARN protein promotes the proliferation, invasion and migration of esophageal cancer

Chief investigator: **Wen-Qi Liu, MD, Professor**, Department of Radiation Oncology, The Second Affiliated Hospital of Guangxi Medical University, No. 166 East University Road, Nanning 530007, China. liuwenqigx@163.com

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,

Wen-Qi Liu, MD, Professor, Department of Radiation Oncology, The Second Affiliated Hospital of Guangxi Medical University, No. 166 East University Road, Nanning 530007, China.

Email: liuwenqigx@163.com