## **Ethics Committee Approval Sheet**

| NO. ( Filled by committee ) |   | 20140188 | Research unit           |                    | Affiliated Hospital Taishan<br>Medical University |  |
|-----------------------------|---|----------|-------------------------|--------------------|---|--|
| Title of<br>work            | MicroRNA-331 inhibits through targeting MSI1  | 17       | of gastric cance        | Research<br>period | 2015.5-2018.5                                     |  |
| Researchers                 | Leiying Yang, Guangle Song, Xiaoqian Zhai, Li<br>Wang, Qinlai Liu and Mingshun Zhou |          | Corespondi<br>ng author | Mingshun Zhou      |   |  |

Abstract. The aim of the present study was to investigate the expression of microRNA (miR) -331 in gastric cancer (GC) at the tissue and cellular levels, as well as identify its mechanism of action. A total of 78 patients with GC were included in the present study. GC tissues and adjacent normal tissues were resected and collected. The qTR-PCR, CCK8, Transwell, cell adhesion, Western blot, luciferase reporter and xenograft tumor formation assays were applied to explore the regulatory mechanism of miR-331 in GC.

## The applicants (researchers) promised:

- 1. This study USES the primitiveness analysis method;
- 2. The study by our hospital ethical committee for examination and approval, the feeling of all client signed consent form;
- 3. Anonymously to the statistics, this study will never patient information to a third party, favorable results to guide diagnosis and treatment, patients do not take on additional risk.

## **Ethics committee:**

This research is discussed by Department of Pathology, Taishan Medical University, Taian ethics committee, agree

approval to conduct the research.

Ethics committee (chapter):

Date: 20190310