

## Ethics Committee Approval Sheet

<b>NO. ( Filled by committee )</b>	20160001	<b>Research unit</b>	Binzhou People's Hospital, Shandong Province, P.R. china
<b>Title of work</b>	lncRNA HOXA11-AS promotes cell proliferation and invasion via SRSF1 and functions as a biomarker in GC	<b>Research period</b>	2016.5-2018.5
<b>Researchers</b>	Yun Liu, Yumei Zhang, Fengbo Ma, Surong Pan and Baozhen Liu	<b>Corresponding author</b>	Baozhen Liu
<p><b>Abstract:</b> This study was to investigate the expression level of lncRNA HOXA11-AS in Gastric cancer (GC) tissue, cell lines and serum and identify the function of serum lncRNAs HOXA11-AS as biomarkers in GC and its mechanism of action. A total of 25 GC tissue specimens and 25 postoperative blood specimens were also obtained from 25 patients with GC, and 134 blood samples from 94 patients with GC and 40 healthy control were included in the present study. RNA extraction was done from all the serum specimens to detect the expression of lncRNA HOXA11-AS. In addition, cell function assays were performed for exploration of the functions of HOXA11-AS in GC cell line by qTR-PCR, Western blot, transwell assay and CCK-8 assay.</p>			
<p><b>The applicants (researchers) promised :</b></p> <ol style="list-style-type: none"> <li>1. This study uses the primitiveness analysis method;</li> <li>2. The study by our hospital ethical committee for examination and approval, the feeling of all client signed consent form;</li> <li>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.</li> </ol>			
<p><b>Ethics committee:</b></p> <p>This research is discussed by Binzhou People's Hospital ethics committee, agree approval to conduct the research.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <p>Ethics committee (chapter):</p> <p>Date: 20160115</p> </div> </div>			