

## Ethics Committee Approval Sheet

Title of work	LncRNA MEG3 acts a biomarker and regulates cell functions by targeting ADAR1 in colorectal cancer
Researchers	Wei Wang, Ying Xie, Fei Chen, Xu Liu, Lili Zhong, Haiqiang Wang and Qingchang Li
Project introduction	This study was to investigate the expression level of lncRNA MEG3 in colorectal cancer (CRC) tissue, cell lines and serum and identify the function of serum lncRNAs MEG3 as biomarkers in CRC and its mechanism of action. A total of 42 CRC tissue specimens, and 174 blood samples from 126 patients with CRC and 48 healthy control were included in the present study. RNA extraction was done from all the serum specimens to detect the expression of lncRNA MEG3. In addition, cell function assays were performed for exploration of the functions of MEG3 in CRC cell line by qTR-PCR, Western blot, flow cytometry assay and CCK-8 assay.
The applicants (researchers) promised	<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>
Ethics committee:	This research is discussed by Ethics Committee of the first Affiliated Hospital of Heilongjiang University of Chinese Medicine, agree approval to conduct the research.
Ethics committee (chapter):	
Date:	20170325

