

IRB of the Affiliated Hospital of North Sichuan Medical College
Approval Notice

File Number 2018ER(A)003

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| Project title: Diagnostic value of the γ -GT/AST ratio, PIVKA-II and AFP in hepatitis B virus-related hepatocellular carcinoma | | |
| Departments: Laboratory Medicine | <i>Qiang Wang</i> | Professional title: |
| Commitment unit | Affiliated Hospital of North Sichuan Medical College | |
| Other researchers | Qi Chen, Xia Zhang, XiaoLanLu, Qin Du, Guoyuan Zhang, Dongsheng Wang, Quming Fan | |

Aspects involving human of the research:

This project is planned to collect the clinical data of hepatocellular carcinoma patients and chronic hepatitis B as control group from January 2017 to November 2018, retrospectively. The data were analyzed anonymously. There is no conflict of interest.

Ethics Committee comments:

Through consideration by the Ethics Committee, the experimental design and the program of the study will not cause harm and risk to the subjects. Due to the retrospective nature of this study and the actual medical condition of Nanchong, it's difficult to get informed consent from all patients involved in the study. The data collected were analyzed anonymously. So Ethics Committee of our Hospital waived the need for written informed consent from the all participants.

Ethics Committee of Affiliated Hospital of North Sichuan Medical College
Date: December 2th, 2018

