

**Language editing for manuscript submitted by non-native  
speakers of English**

I, Qinghua Meng, professor of Department of Critical Care Medicine of Liver Disease, Beijing You-An Hospital, Capital Medical University, certifies that the language editing of articles entitled '*Characterization of metabolic landscape in hepatocellular carcinoma*' was edited by Xiaoqun Dong, who is native speaker of English. Xiaoqun Dong is a professor from Department of Medicine, Warren Alpert Medical School of Brown University, Providence, United States.

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