

# Certificate of Biostatistics

31 August 2020

To whom it may concern

**Title of Study:**

Virus load and virus shedding of SARS-CoV-2 and their impact on patient outcomes

**Chief investigator:**

Yong Liu,

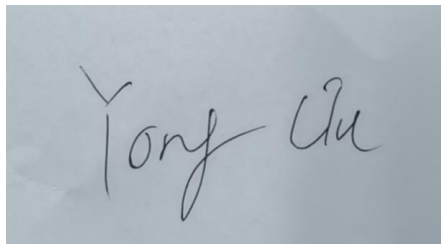
Expert panel of Shenzhen 2019-nCoV pneumonia,

Shenzhen hospital, Southern medical university, Shenzhen, PR China

This letter is to confirm that I have read the ethics application prepared for this study, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

Please contact me if you have any queries.

Sincerely,

A photograph of a handwritten signature in black ink on a light-colored background. The signature is written in a cursive style and appears to read 'Yong Liu'.

Yong Liu,

Expert panel of Shenzhen 2019-nCoV pneumonia,

Shenzhen hospital, Southern medical university, Shenzhen, PR China

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