Certificate of Biostatistics

October 10th, 2023

To whom it may concern:

Title of Study: A skeletal muscle index-based model to predict disease progression in cirrhotic

patients after transjugular intrahepatic portosystemic shunt implantation: A sex-stratified analysis

Chief Investigator: Rong-Pin Wang, PhD

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,

Yan Wang
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University of Massachusetts Lowell
Email: