Certificate of Biostatistics

1st July 2021

To whom it may concern

Title of study: Dual therapy with zinc acetate and rifaximin prevents from ethanol-induced liver fibrosis by maintaining intestinal barrier integrity

Chief investigator: Kosuke Kaji

Department of Gastroenterology, Nara Medical University, Kashihara, Japan

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,

Kiyoshi Asada. M.D, Ph.D. Institute for Clinical and Translational Science, Nara Medical University Hospital, Nara, Japan.

Wash

E-mail: kasada@naramed-u.ac.jp

TEL: +81-744-22-3051