

## CERTIFICATE OF BIOSTATISTICS

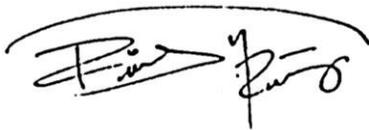
Name of journal: World Journal of Gastroenterology

Manuscript type: Randomized Clinical Trial

### **Effect of non-alcoholic beer, diet and exercise on endothelial function, nutrition and quality of life in patients with cirrhosis**

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. I want to highlight that the statistical methods of this study were reviewed by two of the authors, which have a master (M. Sc.) and Philosophiæ doctor (Ph.D.) in sciences with focus on biostatistics.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ricardo Ulises Macías-Rodríguez', with a large, sweeping flourish above the name.

**Ricardo Ulises Macías-Rodríguez**

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