

Recife, May 18th 2021

Certificate of biostatistics

Study title: Assessment of Periportal Fibrosis in *Schistosomiasis mansoni* patients by Proton nuclear magnetic resonance-based metabonomics models.

Journal name: World Journal of Hepatology

The first author: Milena Lima Rodrigues, MD

This letter is to confirm that statistical method and technique mentioned in this study are appropriate for this research.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Ricardo Oliveira Silva', is centered on the page.

Professor Ricardo Oliveira Silva, PhD
Fundamental Chemistry Department
Universidade Federal de Pernambuco