

World Journal of Gastroenterology

Attn: Editor

November 28, 2022

CERTIFICATE

The authors of the review paper entitled “**The relation between COVID-19 with liver diseases and its impact on healthcare systems: the Portuguese case**”, certified that the study we conducted to produce this paper had a qualitative nature and therefore, no biostatistics analysis were used or performed. Any quantitative information reported is from other articles reviewed in preparation for this paper and is properly cited.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Isabel Silva', with a horizontal line extending to the right.

Isabel Silva, PhD

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