

# Certificate of Biostatistics

11th May, 2021

To whom it may concern

**Title of Study:** Risk factors for occult metastasis detected by inflammation-based prognostic scores and tumor markers in patients with biliary tract cancer

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This letter is to confirm that I have checked the manuscript according to the guidelines for manuscript preparation and submission (2 SECOND SECTION OF WRITING REQUIREMENTS) as below.

REQUIREMENTS (2.2 Biostatistics.)	comment
(1) Statistical methods are adequately and appropriately described when they are used to verify the results	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(2) Statistical techniques are suitable or correct, and compliant with the following Baishideng Publishing Group (BPG) directives	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3) Only homogeneous data can be averaged. Standard deviations are preferred to standard errors. The number of observations and subjects ( $n$ ) is given. Losses in observations, such as drop-outs from the study, are reported	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(4) Values, such as ED50, LD50, and IC50, have the 95% confidence limits calculated and have been compared by weighted probit modeling (using the functions described by Bliss and Finney);	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5) The word "significantly" is replaced by its synonyms (if it indicates extent) or the $P$ value (if it indicates statistical significance). Statistical data should be expressed as mean $\pm$ SD or mean $\pm$ SE. Common statistical expressions are identified as: $t$ -test as $t$ ; $F$ -test as $F$ ; chi-square test as $\chi^2$ ; relative coefficient as $r$ ; degree of freedom as $df$ ; number of samples as $n$ ; and probability as $P$ .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(6) Others	NA

Please contact me if you have any queries,

Sincerely,

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