

I, François MACHURON, biostatistician at LESAFFRE, hereby declare that the following points have been checked and fulfilled in the manuscript entitled “*S.cerevisiae* I-3856 in IBS with constipation”:

- Statistical methods are adequately and appropriately described when they are used to verify the results;
- Statistical techniques are suitable or correct, and compliant with the following Baishideng Publishing Group (BPG) directives
- 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;
- 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);
- 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.

Contact information:

François MACHURON

Biostatistician

LESAFFRE

[f.machuron@lesaffre.com](mailto:f.machuron@lesaffre.com)

Mathieu CLEMENT-ZIZA

Data Science Head

LESAFFRE

[m.clementziza@lesaffre.com](mailto:m.clementziza@lesaffre.com)