

Certificate of biostatistics

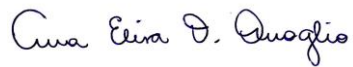
Botucatu, 27 of April of 2021

To whom it may concern

Title of study: Differential expression of microRNAs in patients with Crohn`s disease and ulcerative colitis: a pilot study for the identification of diagnostic biomarkers

This letter is to confirm that statistical methods were adequately and appropriately described to verify the results and that statistical techniques were correct with the type of data analyzed.

Sincerely,

A handwritten signature in dark ink, reading "Ana Elisa D. Quaglio". The signature is written in a cursive, flowing style.

Ana Elisa Valencise Quaglio, PhD

Professor of Biostatistics in the Pharmacology and Biotechnology graduation program