



Translation Certificate – February 9, 2023

I, Professor Dr. Karin Romano Posegger, as a native American, fluent in the Brazilian-Portuguese language, hereby certify that the following manuscript “Red meat intake, indole-3-acetate, and Dorea longicatena together affect insulin resistance after gastric bypass” was properly translated and reviewed. The final revision was made after the modifications suggested by the reviewers were completed by the authors of the manuscript. To the best of my knowledge, the translation from Portuguese (Brazil) language into American English language holds true and is accurate according to the grammar and spelling language requirements and rules.



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