

### Biostatistics Statement

The statistical analysis of this study (**Characterization and risk association of TLR2 polymorphisms and *Helicobacter pylori* with mRNA expression in gastric carcinogenesis**) were performed using GraphPad Prism 5 software, version 5.01 and SNPstats software (available at: <https://www.snpstats.net/start.htm>).

The analyses were reviewed by the teacher responsible for discipline Bioestatics, Profa. Dra. Lilian Castiglioni from Epidemiology and Health Public Department-DESC of São José do Rio Preto Medical School-FAMERP.

Prof.<sup>a</sup> Dra.<sup>a</sup> Lilian Castiglioni  
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Profa. Dra. Lilian Castiglioni  
Expert reviewer of biostatistic

The initial title "**Characterization and risk association of *TLR2* polymorphisms and *Helicobacter pylori* with mRNA expression in gastric carcinogenesis**" was altered at the suggestion of the reviewer for **Characterization and strong risk association of *TLR2* del -196 to -174 polymorphism and *Helicobacter pylori* and their influence on mRNA expression in gastric cancer.**

A handwritten signature in blue ink, appearing to read 'Juliana Garcia de Oliveira-Cucolo', written in a cursive style.

Profa. Dra. Juliana Garcia de Oliveira-Cucolo  
Responsible Author