

Certificate of Biostatistics

March 12, 2019

To whom it may concern,

Title of Study: The association between polymorphisms in HLA-A, HLA-B, HLA-DR, and DQ genes of gastric cancer and duodenal ulcer patients and multiple EPIYA-C repeats among CagA-positive *Helicobacter pylori* strains: The first study in a Turkish population.

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This letter is to confirm that I have read the ethics application prepared for this study, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

Please contact me if you have any queries,

Sincerely,

Prof Dr Ahmet Dirican



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