

Białystok, 27<sup>th</sup> April 2020

## **Certificate of Biostatistics**

Title of study: „**Insulin receptor substrate 1 may play divergent roles in human colorectal cancer development and progression**”

As certified statistician with over 30 years of experience in the field of medical statistics, I confirm that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

Sincerely,



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