

## **Biostatistics Certificate**

**Manuscript Title: Plasma matrix metalloproteinase 2 (MMP2) and matrix metalloproteinase 7 (MMP7) levels are significantly elevated during the first month after colorectal resection surgery which may promote the growth of residual metastases**

Statistical analysis carried out by Xiaohong Yan PhD and HMC Shantha Kumara PhD

In this study, Xiaohong Yan and HMC Shantha Kumara at the division of colon and rectal surgery, department of surgery, Lenox Hill Hospital, Northwell health, New York took charge of the statistical analysis since they have an advanced knowledge of statistical analysis.