

## Biostatistician Review Report

Statistical analysis listed as below in this study (RAD51 potentiates synergistic effects of with and PCI-24781 potentiates chemotherapy cis-diamminedichloroplatinum on gastric cancer) is rational and precise.

### Statistical analysis

Cell culture-based assays were represented as means $\pm$ SD. ANOVA tests were used to assess differences across groups. Tumor volume was logarithmically transformed for further statistical analyses. A linear mixed model was used to assess the effect of treatment on tumor growth over time and a linear regression model for tumor weights. All pairwise comparisons between tumor weights among treatment groups were made using the Tukey-Kramer method for multiple comparison adjustment to control experimental-wise type I error rates. Significance was set at  $P < 0.05$ .

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