This issue consists of two parts. This is Part 1.

The graph shows the effect of diethylstilbestrol, 1 mg daily for 23 days, on serum phosphatases in metastatic carcinoma of the prostate. Solid line, acid phosphatase; dashed line, alkaline phosphatase; ordinate, units per 100 ml of serum; abscissa, time in days. (C. B. Huggins and C. V. Hodges. Studies on Prostatic Cancer. I. The Effect of Castration, of Estrogen, and of Androgen Injection of Serum Phosphatases in Metastatic Carcinoma of the Prostate. Cancer Res., 1: 293–297, 1941.)