**Pymaceuticals Report**

**Main Observation:** Two of the drugs (Capomulin & Ramicane) were successful in treating cancerous tumors

**Specific Observations**

1. **Capomulin and Ramicane were the only drugs that decreased tumor volume over time**

The mice given Capomulin and Ramicane were the only groups that showed a decrease in tumor volume over the test period of 45 days. Capomulin showed a 19% decrease in tumor volume, and Ramicane showed a 22% decrease in tumor volume. All other drugs tested showed increases in tumor volume over time.

1. **Capomulin and Ramicane also showed the slowest rate of spread in cancerous tumors.**

All drugs showed an increase in metastatic sites over time (i.e. all subjects showed a spread in cancerous sites). However, Capomulin and Ramicane both showed the slowest rate of increases in metastatic sites (approximately 0 to 1.5 sites) over the test period of 45 days.

1. **Capomulin and Ramicane had the highest survival rates for mice in their groups.**

Capomulin and Ramicane also showed the highest survival rates for the mice in their test groups with over 80% of mice surviving at the end of the 45-day test period.