

carbon copies remained in the bound books. From these data, he would prepare a rough graph showing weight information over the period of time the experiment was conducted. From this rough graph, a neater and more accurate graph would be prepared. Umberger carefully scrutinized the individual graphs and charts and affirmed that these had been prepared from the raw data recorded on the pages of the bound notebooks. He stated that these graphs were the types of data he helped compile. He said that the printing and dates, and some headings on these graphs were not done by him, but that these were in part his. He explained that sometimes Jo Jordan or Carole Root would prepare the final graphs and charts from his rough charts because they could do a neater job. He indicated however that the information contained therein appears to be information actually compiled by Jo Jordan, Carole Root and himself.

2. From the graphs and raw data, Umberger was able to deduce that the sick monkey reported in previous memorandums was number M34. There had been some speculation that the sick monkey might be female monkey M49.

Umberger was very positive that this female #49 was not the sick monkey he had been referring to because this particular female monkey was a pet of his, and he had his picture taken with this monkey and was very familiar with it. He also recalled that female 49 had bitten the end of a finger off the small sick male monkey. This was referred to by him in his affidavit of 4/13/62 as the "sick male monkey".

3. Umberger was able to identify the "sick" monkey as male #34 for the following reasons:

- (a) He was sure the sick monkey was a drug monkey and was a small male animal.
- (b) He was sure it was not a control monkey.
- (c) He was sure it was not a female monkey.
- (d) He was sure this animal had been used in the entire study, i.e. was not started late in the study, was not sacrificed prior to the completion of the entire experiment, and was used as a drug monkey to the end of the entire study.

These facts, Umberger stated, ruled out all of the monkeys except male 34 because there were only ten monkeys on the study and from the data the status of each of the ten monkeys is as follows:

No. 39 was a female control monkey.

No. 49 was a female and he remembers this well because it was his pet, he had his picture taken with it, etc.

No. 40 is a female and was not present at the termination of the study. This animal had not been on drug 5066 and there are no further entries on this monkey after 3/13/58.

No. 25 was sacrificed before the completion of the study. It was a male animal on 5052 or Mer 29 for only the first approximate six months.

No. 48 was a male control animal sacrificed early in the study.

No. 51 was a male animal on 5052, but this animal did not start the study. It was inserted on 6/12/58 and was somewhat larger than monkey 34 during the closing months of the experiment.

No. 35 was a male monkey that was on 5066 at the start of the study, but later this monkey appeared as a control monkey.

No. 36 was a male monkey was on 5066 and this monkey was sacrificed before the completion of the experiment.

No. 33 was a male control monkey.

No. 34. This is the only animal which could have been the sick monkey, because it was a male monkey on the drug from the start of the finish of the entire experiment. It had about the same weight remembered by Umberger to be that of the "sick monkey".

4. Umberger noted discrepancies on autopsy dates for monkeys #33 and 51 in the notebook data. These discrepancies showed 2/19/59 and 3/4/59 as autopsy dates for these monkeys. Since the weight graphs and charts show weights for these monkeys subsequent to 2/19/59 and 3/4/59 as autopsy dates for these monkeys. Since the weight graphs and charts show weights for these monkeys subsequent to 2/19/59, Umberger believes that the 2/19/59 date is not the correct date of autopsy. He said that weights would not be taken after autopsy and recorded.

Umberger stated that blood samples are taken before autopsy by Mary Ann Stevens. If there was a crowded autopsy schedule, the blood might be taken a