Group C - about 6 hours after inoculation

Mice 1 - y. head - weak extremities (falls off covers); tongue protruding; eyelids par.; one eye shut; hair ruffled
Mice 2 - y. tail - blink reflex gone; tongue protruding and swollen; one eye shut; hair ruffled
Mice 3 - y. back - tongue protruding + swollen; one eye shut; hair ruffled
Mice 4 - y. head + tail - blink reflex gone; tongue ok.
Mice 5 - y. back - weak although doesn't fall off
2 others - unmarked - tongue ok.; blink ok.; slight ruffling; no weakness.

Group D - about 7 hours after inoculation

Mice 1 - y. head - protruding tongue - otherwise ok.
Other 7 mice - entirely ok.

Sept. 1, 1948

12 noon

Group B - mice 1, 2, 3 found dead this A.M. Remaining two mice show marked tremors, erect hair, and loss of blinking reflex (par. eyelids) - tongue ok.
Mice 4 - extremities weak - dead in P.M.
Mice 5 - extremities ok

Group C - Mice 1 and mouse 3 - dead in A.M.
Mice 2 - y. tail - No tremor; Extremities weak; eyelids par.; tongue par.
Mice 4 - y. head + tail - Eyelids par.; ruffled hair; otherwise ok.
Mice 5 - y. head + back - eyelids par. on right; ok on left. Weak but doesn't fall off bed.

Other 2 mice - blink reflex gone; slight ruffled hair; otherwise ok.

Group D - Mice 1 and one other mouse dead
Mice 3 - extremities weak; eyelids par.; ruffled hair.
Mice 4 - partial closure of eyelids; otherwise ok.
Mice 5 -
Group B - remaining mouse shows partial paralysis of extremities, more marked on right posterior; hair is ruffled, creamy discharge about both eyes; no tremor at rest - tremor on attempted movement. Blink reflex gone. Tongue - OK. Heart beat - not seen as in normal mice. Respirations - slow and labored.

Killed - Viscera appear grossly normal, but spleen smaller than control. Skull and spinal cord put into Zenker's fluid with 7% glacial acetic acid.

Group C - mouse 5 (y. head & back) found dead in AM

1 4 (y. head & tail) - par. eyelids - still same active, jumps about. Hair ruffled.

2 (yellow tail) - almost complete paralysis of anterior and posterior extremities, with frequent twitching movements of extremities & head. Tongue and eyelids - paralyzed, as yesterday. Observed in same condition for about one hour. Respiration labored; heart beat - not very apparent.

Killed (chloroform) - Viscera appear grossly normal, except skull, spinal cord, liver, spleen, kidneys, adrenals. In Zenker 7% acetic acid

Other 2 mice - hair ruffled; blink reflex present but eye-lids not completely closed.

Group D - mouse 3 (y. head) - dead in AM
Other mice - not ruffled; same as yesterday.
Plasmocid Intraperitoneally in Mice

Experiment II

Sept. 3, 48

Group A - 12.5 mg/kg - one dose i.p. per day
0.5 cc of 0.25 mg base/cc solution to 106 mice

Group B - 6.25 mg/kg - two doses i.p. per day
0.5 cc of 0.125 mg base/cc sol. to 106 mice

Group C - 3.1 mg/kg - two doses i.p. per day
0.5 cc of 0.062 mg base/cc sol. to 106 mice

Group D - 1.55 mg/kg - two doses i.p. per day
0.5 cc of 0.031 mg base/cc sol. to 106 mice

Stock
2 mg/cc

Saline

II-A 0.25 mg base/cc - 0.75 cc 5.25 cc lcc = 0.25 mg
II-B 0.125 mg base/cc - 0.37 cc 5.63 cc lcc = 0.125 mg
II-C 0.062 mg base/cc - 0.18 cc 5.82 cc
II-D 0.031 mg base/cc - 0.09 cc 5.91 cc
Code

Failure of eyelids to close = E
Tongue paralysis = T
Ruffled hair = R
Weakness, falling off cage cover = W
Paralysis = P
Tremors = Tr.

E₁ - E₂

5 = small

52 = 52
O.K.?