

MICE
u.p. PLANO
CID II

Group C - about 6 hours after inoculation

- Mouse 1 - y. head - weak extremities (falls off cover); tongue par.
 blink reflex gone - cannot close eyelids at all
 " 2 - y. tail - blink reflex poor; tongue protruding and swollen
 " 3 - y. back - tongue protruding + swollen; one eye shut; hair ruffled
 " 4 - y. head + tail - blink reflex gone; tongue OK.
 " 5 - y. " + back - " " OK; " " " ; extremities weak although doesn't fall off

2 others - unmarked - tongue OK; blink OK; slight ruffling; no weakness.

Group D - about 7 hours after inoculation

Mouse 1 - y. head - protruding tongue - otherwise OK.

Other 9 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. of eyelids) - tongue OK.
 Mouse 4 - extremities weak - dead in PM
 " 5 - " OK

Group C - Mouse 1 and mouse 3 - dead in A.M.

Mouse 2 - y. tail - No tremor, Extrem. weak; eyelids par.; tongue par.

Mouse 4 - y. head + tail - Eyelids par.; ruffled hair; otherwise OK.

Mouse 5 - y. head + back - eyelids par. on right; OK on left. Weak but doesn't fall off lid.

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

Group D - Mouse 1 and one other mouse dead
 mouse 3 - extremities weak; eyelids - paral.; ruff. hair
 " 4 - partial closure of eyelids; otherwise OK.
 " 5 - " " " " " "

Sept. 2 (AM)

Group B - remaining mouse shows partial paralysis of
extremities, more marked of right posterior,
hair is ruffled, creamy discharge about both eyes;
no tremor at rest - tremor on attempted movement.

Blink reflex gone. Tongue - O.K.

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

" 4 (y. head + tail) $\bar{c}$ par. eyelids - still same.
active, jumps about. Hair ruffled.

alive AM 9/3
Dead PM 9/3

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

Killed (chloroform) - viscera appear grossly
normal, but spleen smaller than control.
Skull, spinal cord, liver,
spleen, kidneys + adrenals!
in Zenker $\bar{c}$ 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 — 12.5mg/Kilo — one dose i.p. per day
0.5cc of 0.25mg base/cc solution to 10 Gm. mice

GROUP B — ~~6.2~~ 6.2mg/Kilo — two doses i.p. per day
0.5cc of 0.125mg base/cc sol. to 10 Gm. mice

GROUP C — 3.1mg/Kilo — two doses i.p. per day
0.5cc of 0.062mg base/cc sol. to 10 Gm. mice

GROUP D — ~~1.5~~ 1.5mg/Kilo — two doses i.p. per day
0.5cc of 0.031mg base/cc sol. to 10 Gm. mice

			Stock 2mg/cc	SALINE	
II - A	0.25mg base/cc	—	0.75cc	5.25cc	1cc = 0.25mg
II - B	0.125mg base/cc	—	0.37cc	5.63cc	1cc = 0.125mg
II - C	0.062mg base/cc	—	0.18cc	5.82cc	
II - D	0.031mg base/cc	—	0.09cc	5.91cc	

Code

Failure of eyelids to close = E

Tongue paralysis = T

Ruffled hair = R

Weakness, falling off
cage cover = W

Paralysis = P

Tremors = Tr.

$$\frac{E E}{T} = \underline{E_2} \rightarrow \underline{O.K?}$$

E_R

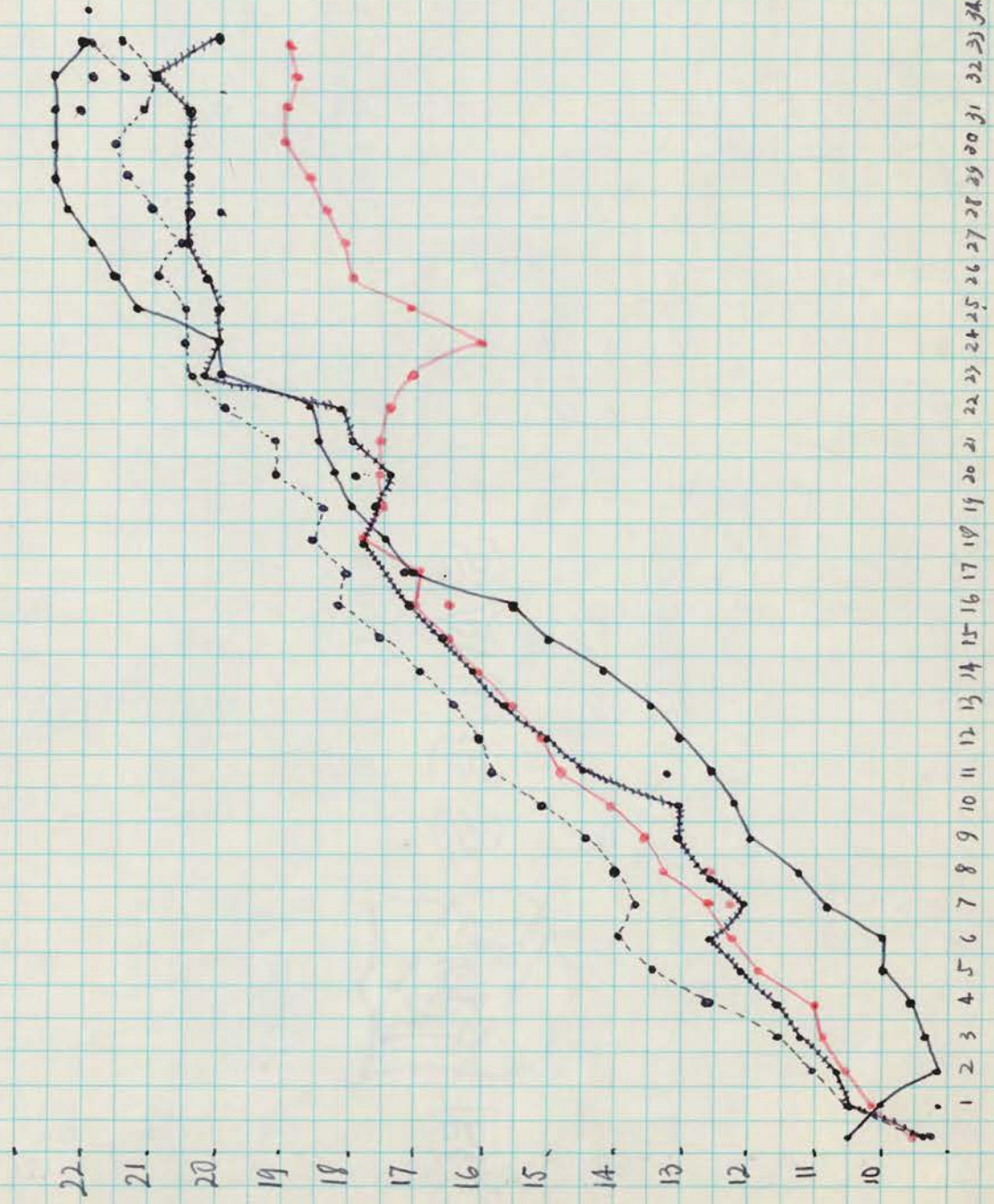
S = small

$$E_1 - E_2$$

[illegible][illegible][illegible][illegible]

93 105 111 117 123 127 134 139 137 141 144 152 158 161 164 169 176 177 176 186 179 187 189 194. 200 200 204 205 208 211 212 209 215 216 219 218 218 216 218 222 221 222 218 223

PLASMOCID INTRAPERITONEAL IN MICE-II - WEIGH



SEPTEMBER: 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

← 1 day +

A = 12.5 mg/kg in 1 dose/day
 B = 6.25 mg/kg b.i.d.
 C = 3.1 mg/kg b.i.d.
 D = 1.5 mg/kg b.i.d.