

MICE
PLAS
MIGIB
VII

PLASMOCID EXPERIMENT IN MICE

VII

PURPOSE

To determine by repetition the effect of Plasmodid on pathogenicity of Lansing Polio virus in mice, drug in the diet

VARIATION

from previous tests: 1) MORE DRUG. 2) SAME DISHES.
with powdered pellets to controls mg base/mouse AT START.
IN 1000 GM DIET (*) DAILY BASE/1 MOUSE

10 GM MICE:	EXPL. I:	8-10-48:	250 mg DRUG/52.8% BASE = 132 mg BASE = 0.40 mg BASE	40/K.G.
19 GM MICE:	II	9-12-48	400 mg DRUG/52.8% BASE = 211.2 mg BASE	0.63 mg BASE 33.2/K.G.
20 GM MICE:	V	12-17-48	312 mg DRUG/80% BASE = 250 mg BASE	0.75 mg BASE 37.5/K.G.
20 GM MICE:	VII	?	624 mg DRUG/80% BASE = 500 mg BASE	1.50 mg BASE 150/K.G.

1) To attempt the increasing of the weight loss:
Reason: (with 250 mg. BASE in 1000 GM. DIET (Exp. V, of 12-17-48) in spite of the fact that no noticeable neurological symptoms were observed, some loss on the mice's weight was obtained, more than in Exp. I of 8-10-48, in which one only 132.5 mg BASE per 1000 GM DIET was given (on 10 GM mouse at delivery). -
2) To give the food in the same condition to all the mice (Powdered pellets)

MICE: Male field albino, 20 GM at delivery.

- GROUP I: 30 MICE; BOXES A-B-C: DRUG + VIRUS.
- GROUP II: 30 MICE; BOXES D-E-F: ONLY DRUG.
- CONTROL: GROUP III: 30 MICE; BOXES G-H-I: ONLY VIRUS.

VIRUS: Pool: III, of 7-6-AB, 1/20, 0.03 c.c. intracerebrally (at 50 PD50)

DRUG: Plasmodid, SN 3115, 10% base.
500 mg base / 1000 gm diet = 1.50 mg Base / MOUSE / A DAY = 75 mg B / kg / mouse

STARTED: January 27 AM. (1949)

(*) @ 3 GM Food
(**) At 10 GM, this mouse started with 132 mg base / 1000 GM DIET = 0.40 mg BASE A DAY by mouse, and continued receiving this amount after 19th day - At 20th day started with 211.2 mg base = 0.63 mg base a day by mouse.

On FEB 18th

Started to use the drug
sample by Dr. Cloutfield
52.8 w base.

(947 mg. DRUG in 1,000 G.M. out)

↓
500 mg. BASE.

VII in MICF
 PLASMOCID ONLY - NO VIRUS

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	29	29	19	23
2	30	30	20	24
3	31	31	21	25
4	32	32	22	26
5	33	33	23	27
6	34	34	24	28
7	35	35	25	29
8	36	36	26	30
9	37	37	27	31
10	38	38	28	32

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	39	39	29	36
2	40	40	30	37
3	41	41	31	38
4	42	42	32	39
5	43	43	33	40
6	44	44	34	41
7	45	45	35	42
8	46	46	36	43
9	47	47	37	44
10	48	48	38	45

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	49	49	39	46
2	50	50	40	47
3	51	51	41	48
4	52	52	42	49
5	53	53	43	50
6	54	54	44	51
7	55	55	45	52
8	56	56	46	53
9	57	57	47	54
10	58	58	48	55

VIII in MICF
 PLASMOCID ONLY - NO VIRUS

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	59	59	49	56
2	60	60	50	57
3	61	61	51	58
4	62	62	52	59
5	63	63	53	60
6	64	64	54	61
7	65	65	55	62
8	66	66	56	63
9	67	67	57	64
10	68	68	58	65

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	69	69	59	66
2	70	70	60	67
3	71	71	61	68
4	72	72	62	69
5	73	73	63	70
6	74	74	64	71
7	75	75	65	72
8	76	76	66	73
9	77	77	67	74
10	78	78	68	75

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	79	79	69	76
2	80	80	70	77
3	81	81	71	78
4	82	82	72	79
5	83	83	73	80
6	84	84	74	81
7	85	85	75	82
8	86	86	76	83
9	87	87	77	84
10	88	88	78	85

VIII in MICF
 PLASMOCID ONLY - NO VIRUS

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	89	89	79	86
2	90	90	80	87
3	91	91	81	88
4	92	92	82	89
5	93	93	83	90
6	94	94	84	91
7	95	95	85	92
8	96	96	86	93
9	97	97	87	94
10	98	98	88	95

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	99	99	89	96
2	100	100	90	97
3	101	101	91	98
4	102	102	92	99
5	103	103	93	100
6	104	104	94	101
7	105	105	95	102
8	106	106	96	103
9	107	107	97	104
10	108	108	98	105

PLASMOCID GROUP	EXPL	PLASMOCID	ONLY	NO VIRUS
1	109	109	99	106
2	110	110	100	107
3	111	111	101	108
4	112	112	102	109
5	113	113	103	110
6	114	114	104	111
7	115	115	105	112
8	116	116	106	113
9	117	117	107	114
10	118	118	108	115

JAN. 30 - Th. 1 Box E. Parkia baba
upper weakness.

31 - Treatise.

FEB. 1 - Treatise. head to weigh it.

" 6 - Mouse D (over) ON D: Asaric on lowers,
particularly on right lower - but strong.
Asaric: A - grip strongly.

" mouse D ON F: (5) Stammy.

note - all animals group. II Nijalossin?
+ groups strongly.

FEB - 24 - Same: $\left. \begin{array}{l} D-8 \\ E-8 \\ F-7 \end{array} \right\} \begin{array}{l} 199 \\ 173 \\ 141 \end{array} \left. \vphantom{\begin{array}{l} D-8 \\ E-8 \\ F-7 \end{array}} \right\} 494/23 = 21.4$
25 - Same: $\left. \begin{array}{l} D-8 \\ E-8 \\ F-7 \end{array} \right\} \begin{array}{l} 182 \\ 172 \\ 142 \end{array} \left. \vphantom{\begin{array}{l} D-8 \\ E-8 \\ F-7 \end{array}} \right\} 496/23 = 21.5$

26 - Same

27 - Same

28 - Same: $\left. \begin{array}{l} D-183 \\ E-173 \\ F-143 \end{array} \right\} 499/23 = 21.7$

MARCH

1 - Same: $\left. \begin{array}{l} 184 \\ 176 \\ 146 \end{array} \right\} 506/23 = 22$

3 - F: 1D - (22)

4 - F 2D

5 - $\left. \begin{array}{l} F-91/4 \\ E-192/8 \\ D-169/8 \end{array} \right\} 452/20 = 22.6$

6 - Same number and condition. - 20 mia (DEEPA)

7 - Same.

FEB - 24 -

FEB - 25 -

M. 7 D - Head

25 26 27 28 11 2 3 4 5 6 7 8

M. 10 I -

NT 21

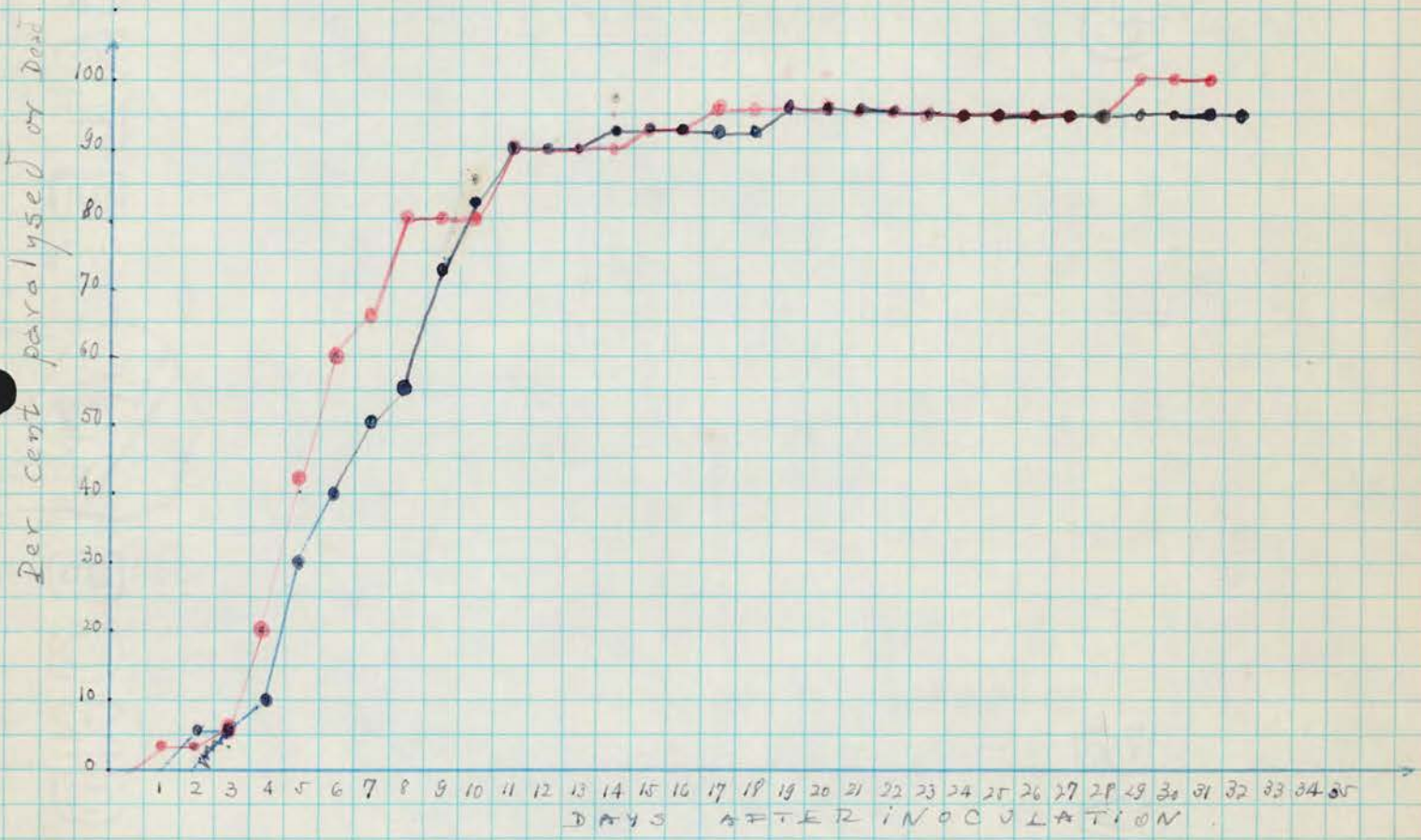
P+D 71. 86.6 91.1 91.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6

EFFECT OF PLASMOCID IN DIET OF MICE ON SUSCEPTIBILITY [REDACTED] VIRUS

1/50

Exp. VII 1/27/49

EXPERIMENT III 500 mg BASE in 1000 GM DIET.
MICE: GM AT START
INOCULUM: Rening Virus @ 50 PD 50 in 0.03 c.c. i.c. curvally.



JANUARY 4 9 17 25 29 30 31 1 2 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 1 2 3 4 5 6 7 8 9

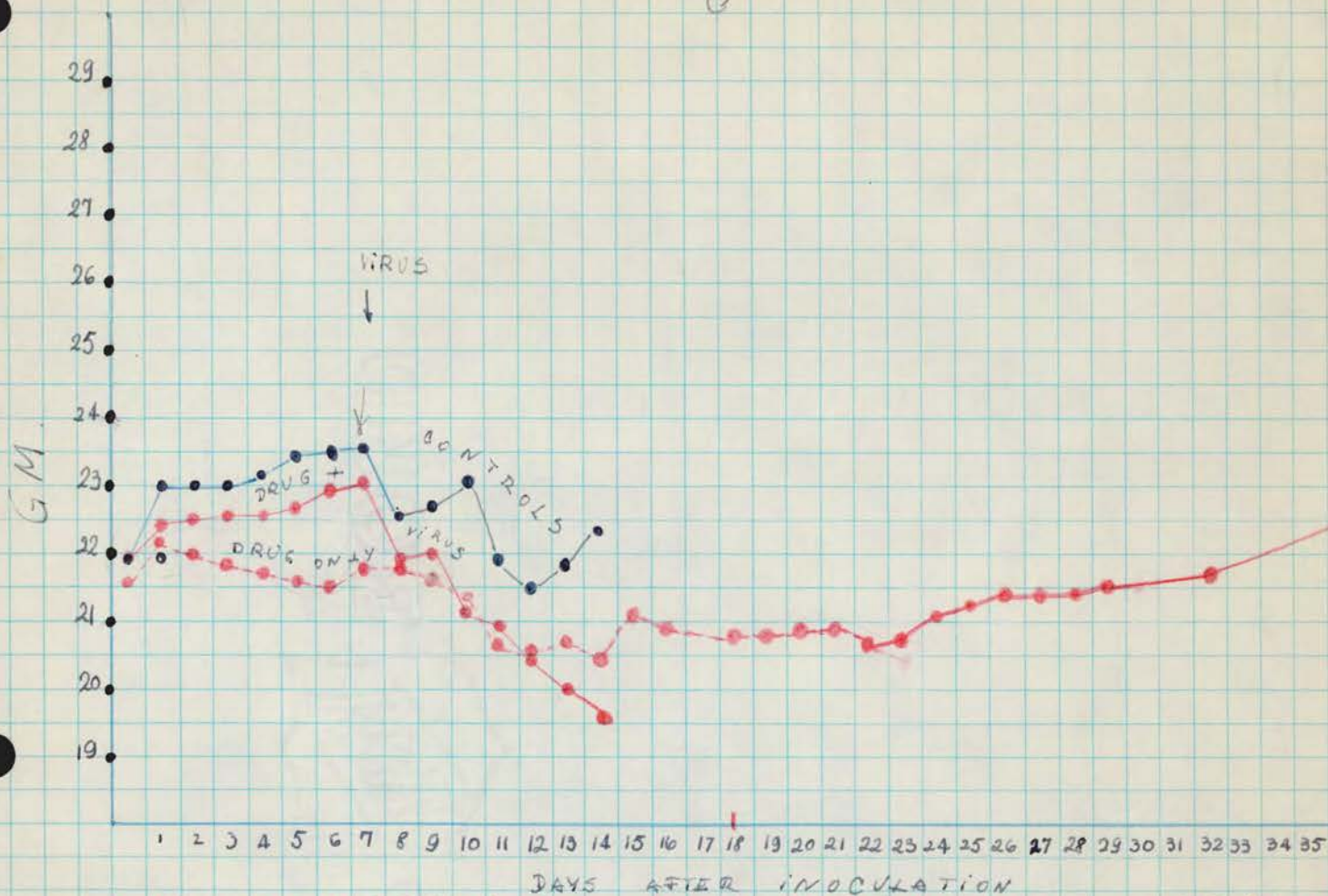
NUMBER OF MICE IN GROUP: 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 1 2 3 4 5 6 7 8 9

R + D
Per cent

NUMBER CONTROLS:
R + D
Per cent:

PLASMOCID Experiment VII IN MICE

Weight



JANUARY: 27 28 29 30 31 1 2 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 1 2 3 4 Final